

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076353.D
 Acq On : 20 Jan 2023 18:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 20 22:20:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	413597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	667268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	609970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	244415	52.778	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.560%			
35) Dibromofluoromethane	8.171	113	222297	53.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.520%			
50) Toluene-d8	10.571	98	818226	53.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.853	95	286614	56.954	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	195802	46.197	ug/l	98
3) Chloromethane	2.371	50	198845	45.313	ug/l	95
4) Vinyl Chloride	2.530	62	270267	50.228	ug/l	100
5) Bromomethane	2.954	94	216656	49.168	ug/l	97
6) Chloroethane	3.124	64	199321	49.400	ug/l	99
7) Trichlorofluoromethane	3.506	101	344417	46.525	ug/l	92
8) Diethyl Ether	3.971	74	120020	48.337	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	187181	44.666	ug/l	98
10) Methyl Iodide	4.600	142	304115	47.509	ug/l	99
11) Tert butyl alcohol	5.536	59	146424	236.388	ug/l	100
12) 1,1-Dichloroethene	4.353	96	180681	45.609	ug/l	95
13) Acrolein	4.195	56	164990	222.727	ug/l	100
14) Allyl chloride	5.036	41	230994m	50.036	ug/l	
15) Acrylonitrile	5.730	53	415869	235.929	ug/l	100
16) Acetone	4.442	43	332635	224.057	ug/l	99
17) Carbon Disulfide	4.724	76	420753	42.656	ug/l	98
18) Methyl Acetate	5.036	43	227740	45.266	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	642543	49.822	ug/l	100
20) Methylene Chloride	5.283	84	215619	49.073	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	194245	45.261	ug/l	99
22) Diisopropyl ether	6.683	45	526520	48.362	ug/l	99
23) Vinyl Acetate	6.612	43	1748093	248.444	ug/l	99
24) 1,1-Dichloroethane	6.577	63	336023	46.303	ug/l	99
25) 2-Butanone	7.489	43	522358	230.382	ug/l	99
26) 2,2-Dichloropropane	7.500	77	271100	44.324	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	237077	47.364	ug/l	99
28) Bromochloromethane	7.818	49	146908	49.945	ug/l	100
29) Tetrahydrofuran	7.847	42	343220	245.266	ug/l	99
30) Chloroform	7.971	83	379764	47.294	ug/l	99
31) Cyclohexane	8.259	56	294455	41.391	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	349385	47.657	ug/l	95
36) 1,1-Dichloropropene	8.377	75	271551	45.783	ug/l	99
37) Ethyl Acetate	7.565	43	215175	45.233	ug/l	99
38) Carbon Tetrachloride	8.371	117	309685	46.821	ug/l	98
39) Methylcyclohexane	9.606	83	332913	45.963	ug/l	96
40) Benzene	8.612	78	818638	46.159	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	118672	47.641	ug/l	97
42) 1,2-Dichloroethane	8.677	62	283271	46.682	ug/l	100
43) Isopropyl Acetate	8.694	43	375548	48.525	ug/l	100
44) Trichloroethene	9.359	130	225273	44.910	ug/l	100
45) 1,2-Dichloropropane	9.630	63	198835	46.827	ug/l	96
46) Dibromomethane	9.712	93	148777	46.407	ug/l	98
47) Bromodichloromethane	9.888	83	301010	48.410	ug/l	99
48) Methyl methacrylate	9.682	41	179955	49.115	ug/l	99
49) 1,4-Dioxane	9.700	88	75167	972.271	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	1124318	247.469	ug/l	100
52) Toluene	10.635	92	548963	46.286	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	301178	50.810	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	331069	48.548	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	215843	47.612	ug/l	97
56) Ethyl methacrylate	10.877	69	311945	53.299	ug/l	99
57) 1,3-Dichloropropane	11.165	76	350352	47.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	463562	234.616	ug/l	100
59) 2-Hexanone	11.200	43	814496	247.394	ug/l	99
60) Dibromochloromethane	11.359	129	245732	51.492	ug/l	99
61) 1,2-Dibromoethane	11.471	107	224760	49.670	ug/l	98
64) Tetrachloroethene	11.106	164	224867	40.879	ug/l	98
65) Chlorobenzene	11.894	112	594130	46.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	230072	47.958	ug/l	100
67) Ethyl Benzene	11.965	91	1075697	48.745	ug/l	98
68) m/p-Xylenes	12.071	106	855777	96.710	ug/l	100
69) o-Xylene	12.400	106	424022	48.795	ug/l	98
70) Styrene	12.412	104	695767	50.145	ug/l	99
71) Bromoform	12.582	173	175225	50.577	ug/l #	98
73) Isopropylbenzene	12.700	105	1113401	49.195	ug/l	100
74) N-amyl acetate	12.494	43	337308	51.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	298989	45.954	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	266341m	49.973	ug/l	
77) Bromobenzene	12.982	156	260824	49.285	ug/l	99
78) n-propylbenzene	13.035	91	1257696	49.250	ug/l	99
79) 2-Chlorotoluene	13.129	91	744970	47.540	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	931463	49.126	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	83754	47.632	ug/l	96
82) 4-Chlorotoluene	13.129	91	744970	47.540	ug/l	99
83) tert-Butylbenzene	13.441	119	850333	50.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	929403	48.884	ug/l	100
85) sec-Butylbenzene	13.618	105	1157445	49.464	ug/l	100
86) p-Isopropyltoluene	13.729	119	978638	50.859	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	476323	44.652	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	470449	46.368	ug/l	99
89) n-Butylbenzene	14.059	91	767369	50.237	ug/l	99
90) Hexachloroethane	14.335	117	165076	49.706	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	467623	44.013	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	53903	47.662	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	227919	44.542	ug/l	98
94) Hexachlorobutadiene	15.506	225	121334	43.034	ug/l	99
95) Naphthalene	15.641	128	673578	44.521	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	217352	44.545	ug/l	97

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MSVOA_N
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VSTDCCC050EC

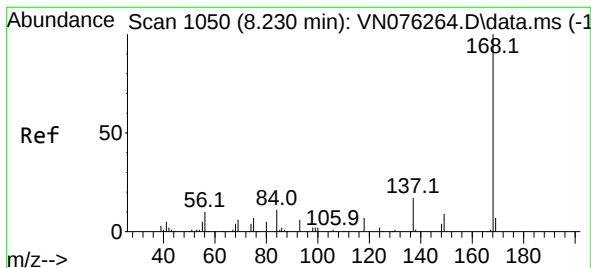
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:20:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

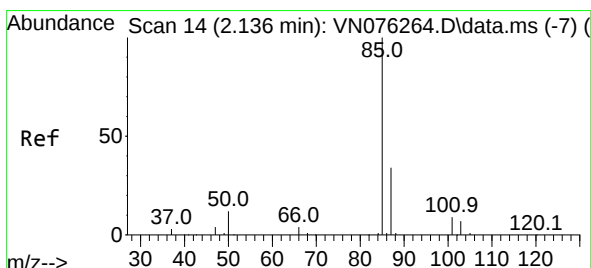
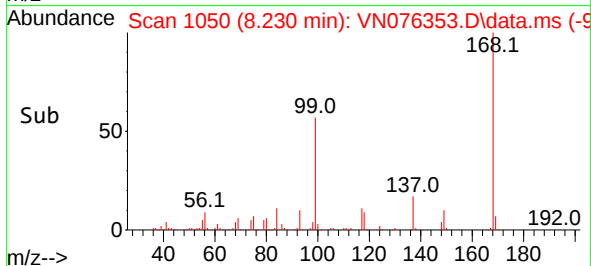
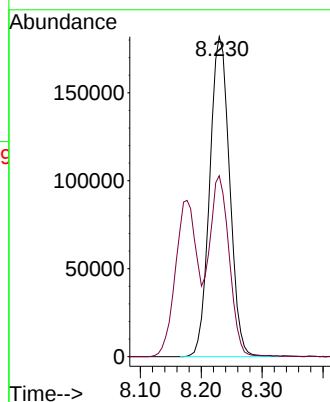
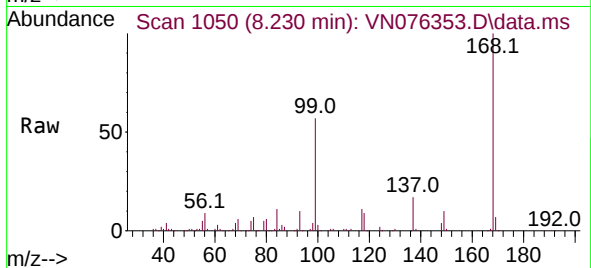
VSTDCCC050EC

Tgt Ion:168 Resp: 41359
Ion Ratio Lower Upper
168 100
99 56.4 41.6 62.4

Manual Integrations

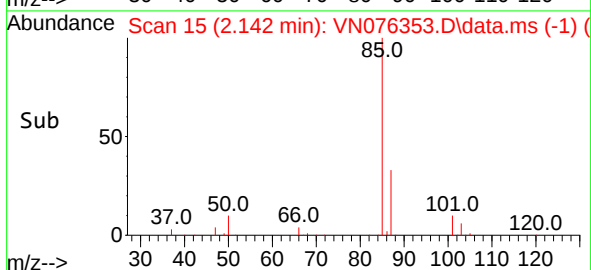
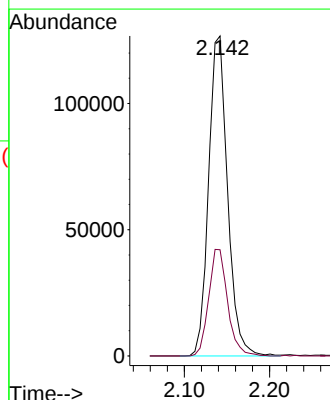
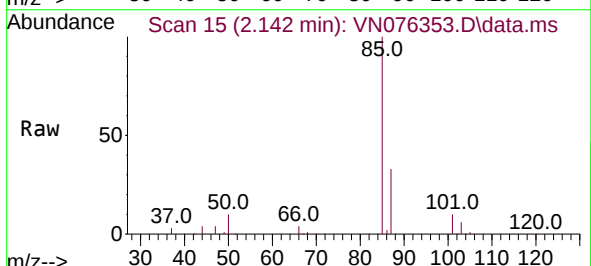
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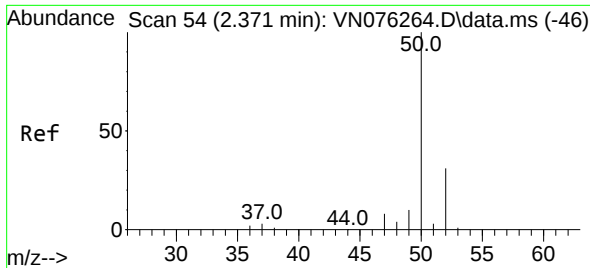
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#2
Dichlorodifluoromethane
Concen: 46.197 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion: 85 Resp: 195802
Ion Ratio Lower Upper
85 100
87 33.2 17.1 51.2





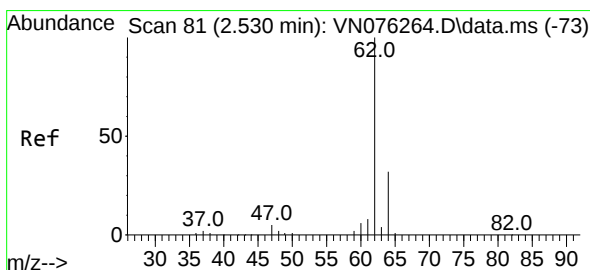
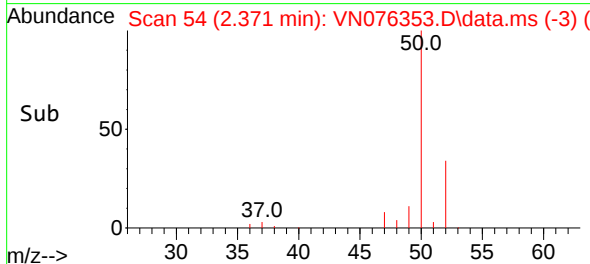
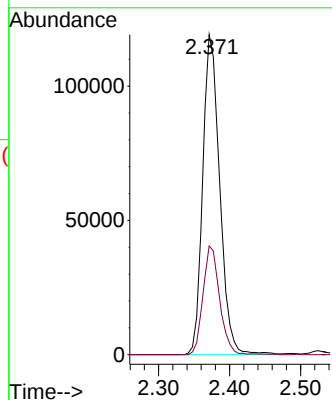
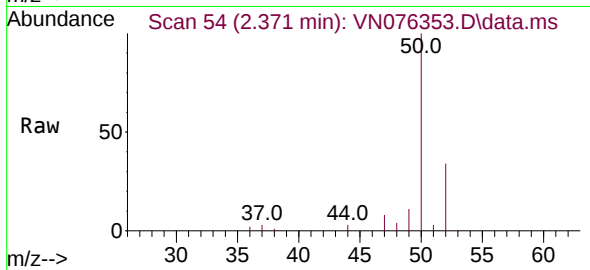
#3
Chloromethane
Concen: 45.313 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 198845
Ion Ratio Lower Upper
50 100
52 34.0 24.8 37.2

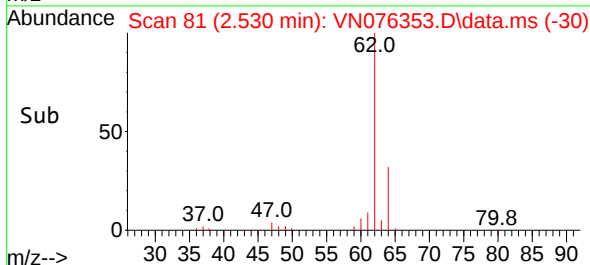
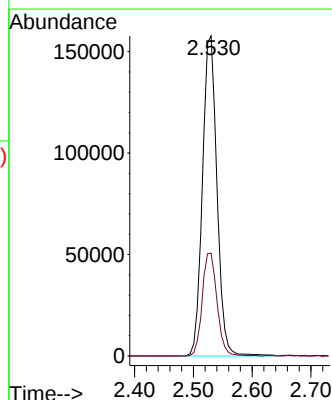
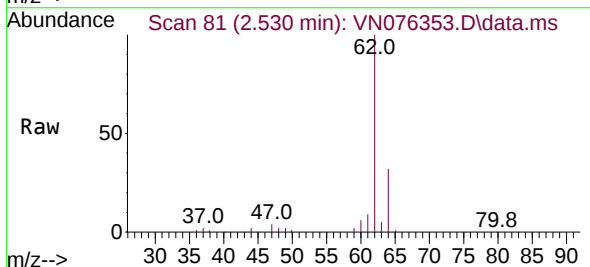
Manual Integrations
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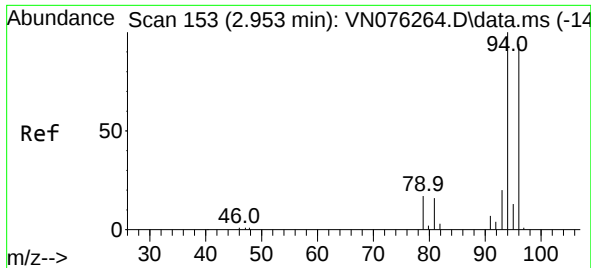
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#4
Vinyl Chloride
Concen: 50.228 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

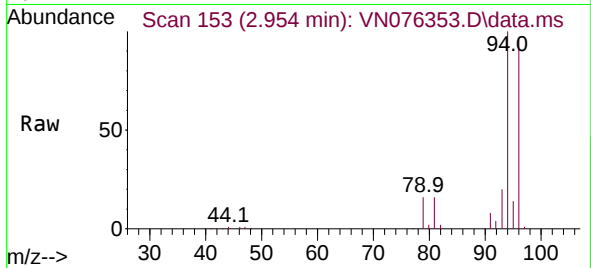
Tgt Ion: 62 Resp: 270267
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 49.168 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

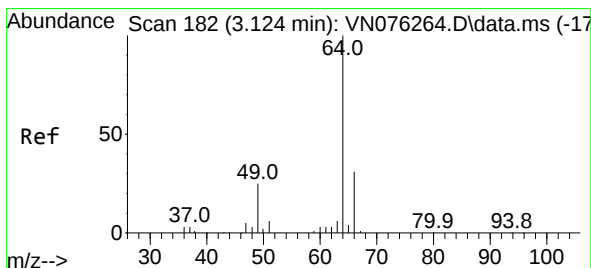
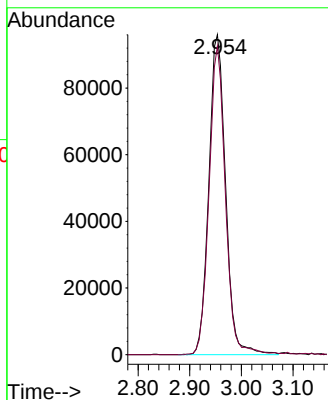
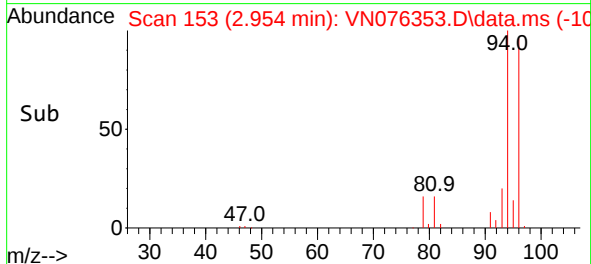
Instrument :
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Tgt Ion: 94 Resp: 216650
Ion Ratio Lower Upper
94 100
96 96.4 75.1 112.7

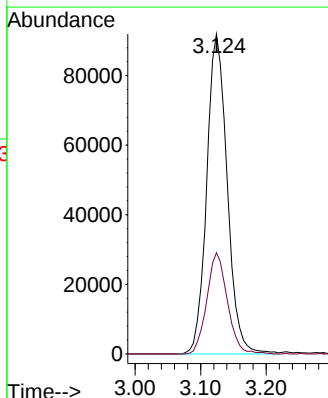
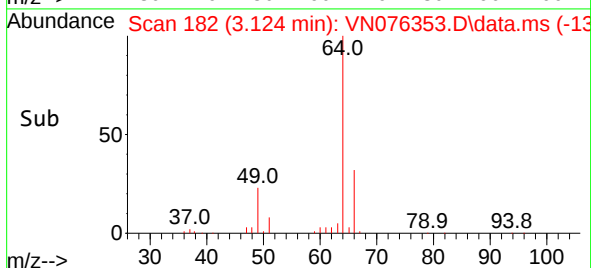
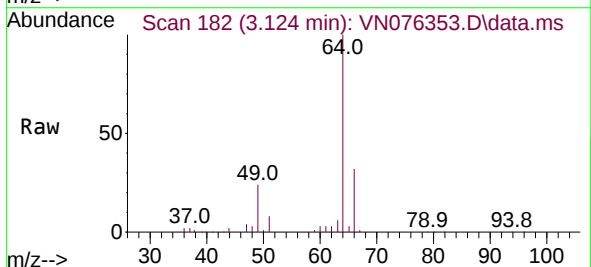
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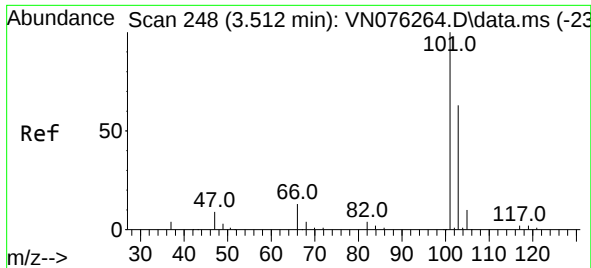
Reviewed By :John Carlone 01/23/2023
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#6
Chloroethane
Concen: 49.400 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion: 64 Resp: 199321
Ion Ratio Lower Upper
64 100
66 31.7 24.8 37.2





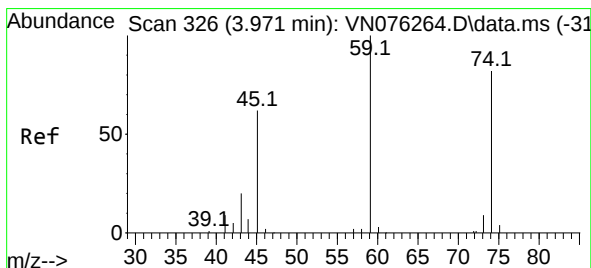
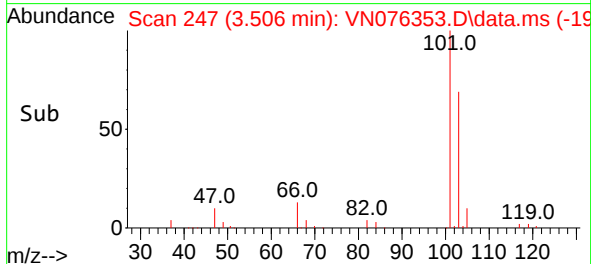
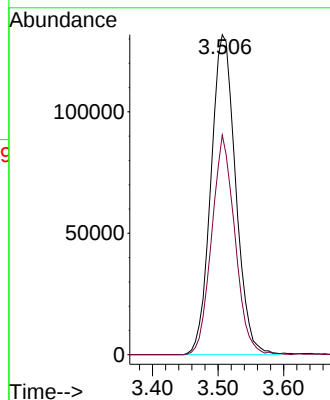
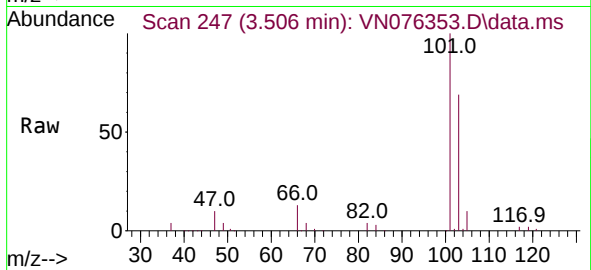
#7
Trichlorofluoromethane
Concen: 46.525 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 34441
Ion Ratio Lower Upper
101 100
103 68.6 50.2 75.4

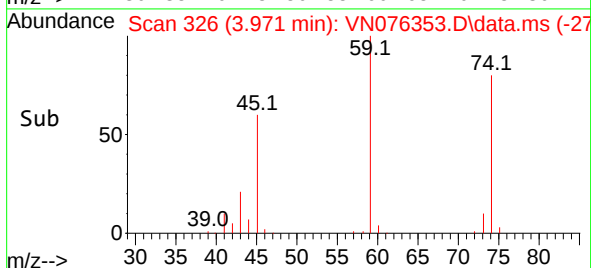
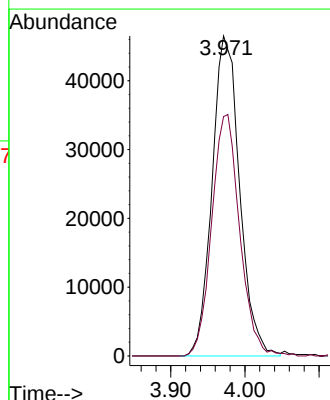
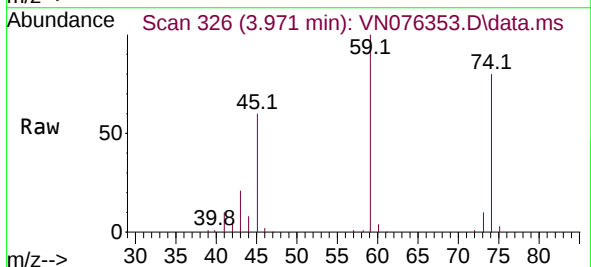
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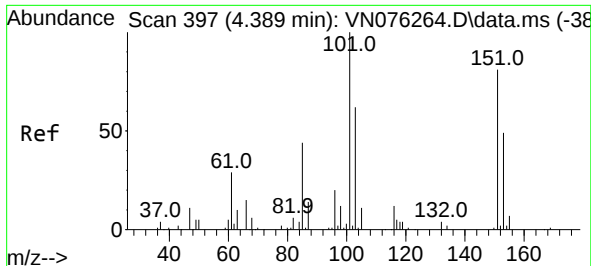
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#8
Diethyl Ether
Concen: 48.337 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion: 74 Resp: 120020
Ion Ratio Lower Upper
74 100
45 76.7 37.8 113.3





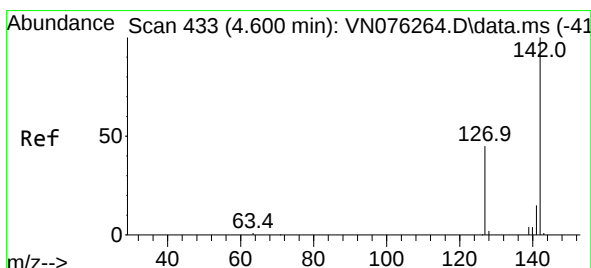
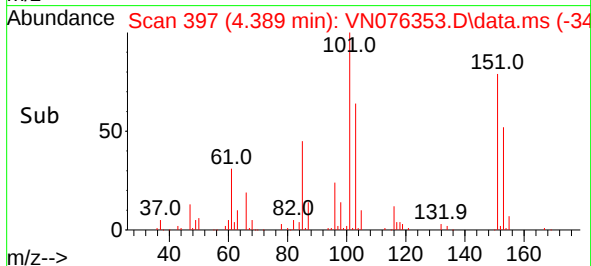
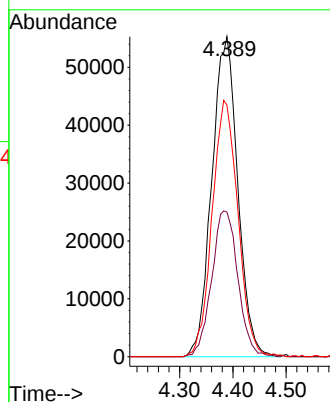
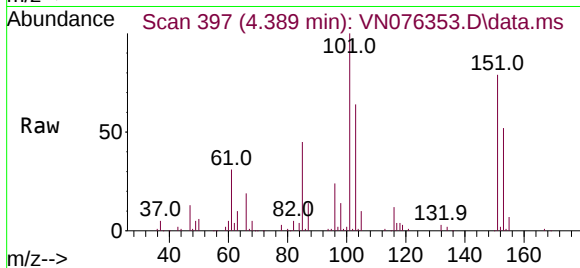
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.666 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 18718
Ion Ratio Lower Upper
101 100
85 45.9 35.5 53.3
151 79.8 65.5 98.3

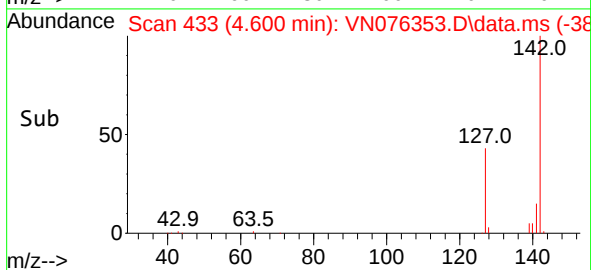
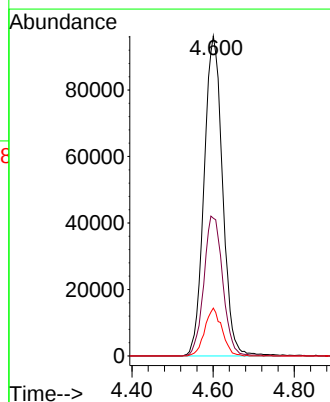
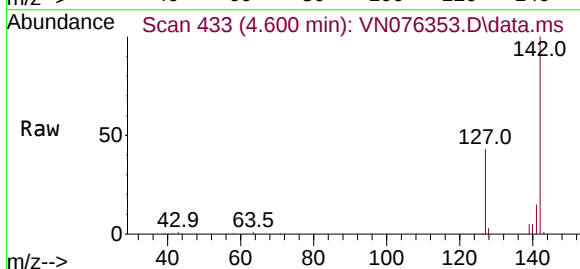
Manual Integrations
APPROVED

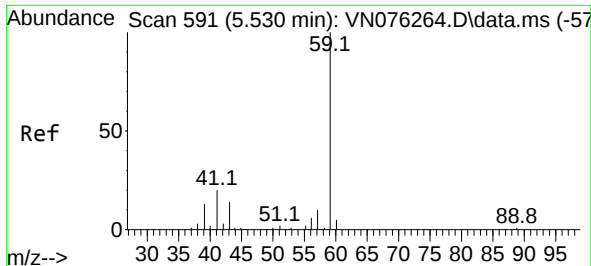
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#10
Methyl Iodide
Concen: 47.509 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

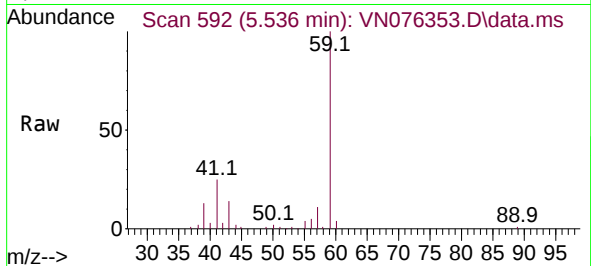
Tgt Ion:142 Resp: 304115
Ion Ratio Lower Upper
142 100
127 44.7 35.0 52.4
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 236.388 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

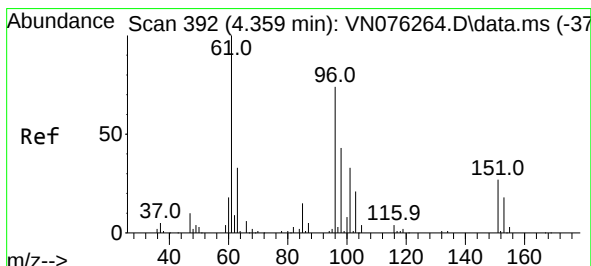
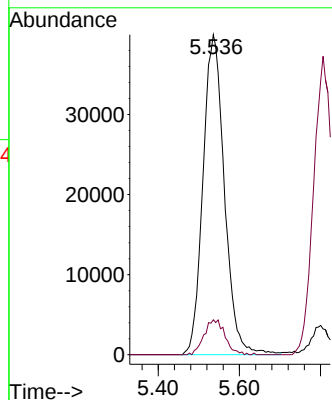
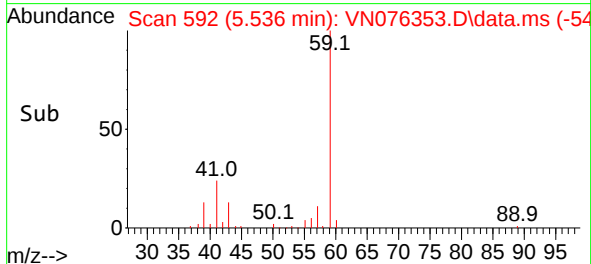
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 146424
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

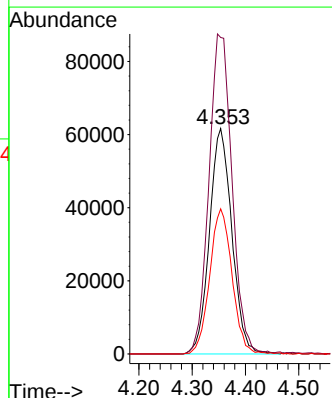
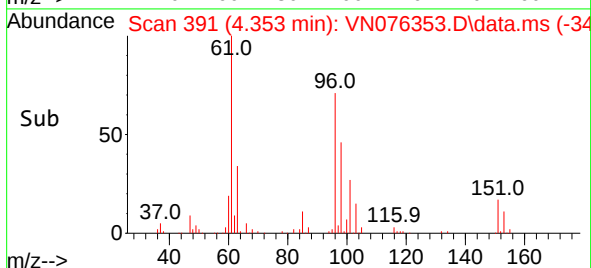
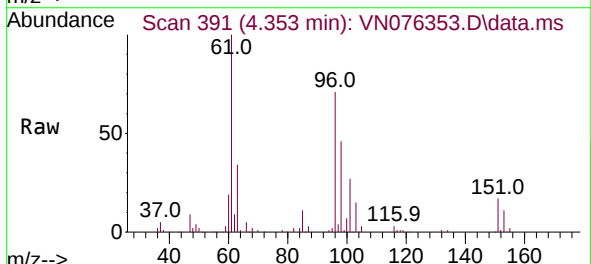
Manual Integrations
APPROVED

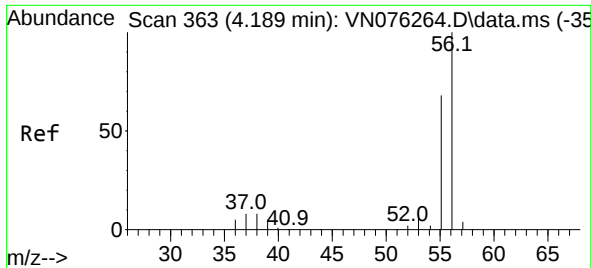
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#12
1,1-Dichloroethene
Concen: 45.609 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

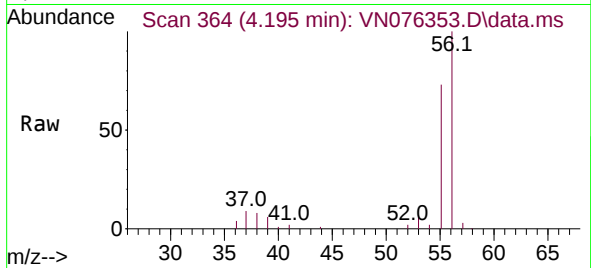
Tgt Ion: 96 Resp: 180681
Ion Ratio Lower Upper
96 100
61 140.4 108.2 162.4
98 64.4 47.0 70.6





#13
Acrolein
Concen: 222.727 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

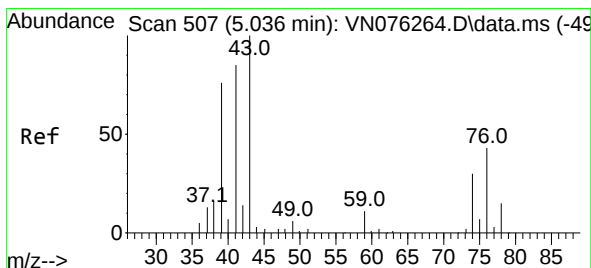
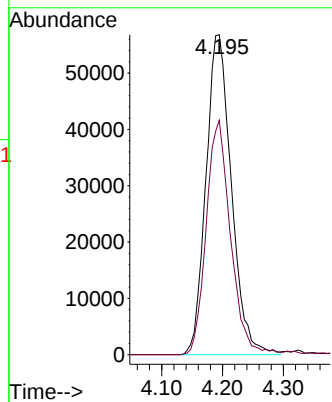
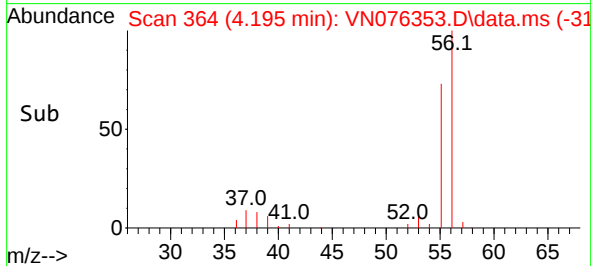
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



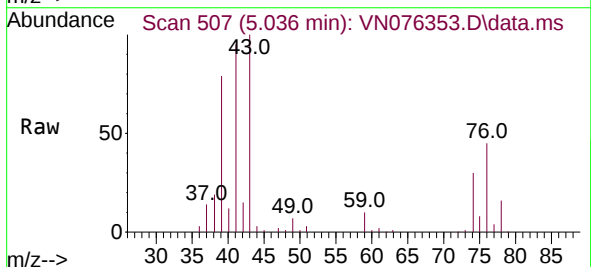
Tgt Ion: 56 Resp: 164990
Ion Ratio Lower Upper
56 100
55 69.9 55.8 83.6

Manual Integrations
APPROVED

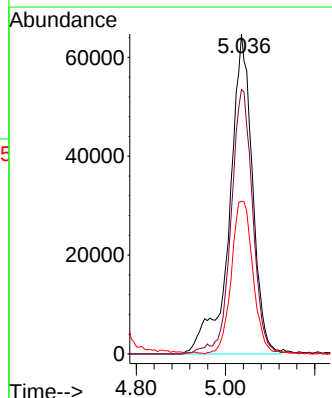
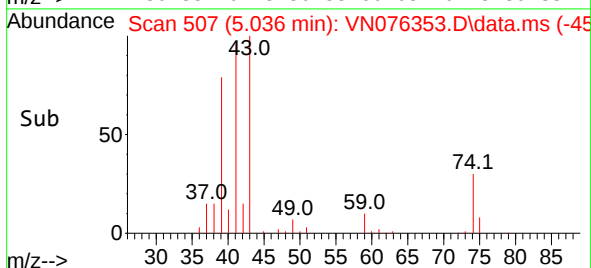
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

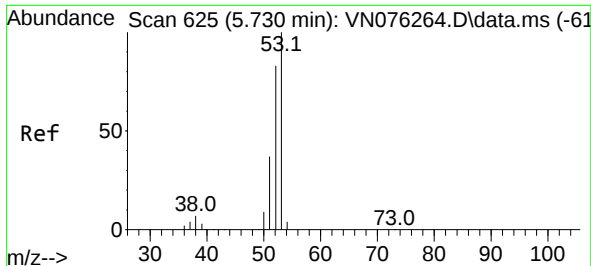


#14
Allyl chloride
Concen: 50.036 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30



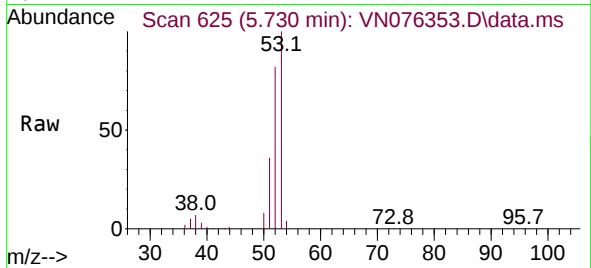
Tgt Ion: 41 Resp: 230994
Ion Ratio Lower Upper
41 100
39 77.9 67.4 101.0
76 45.2 39.8 59.8





#15
Acrylonitrile
Concen: 235.929 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

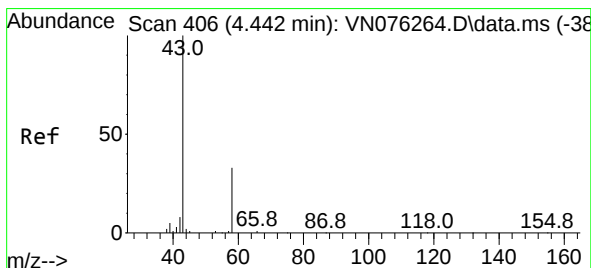
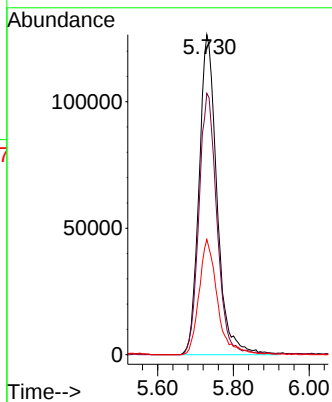
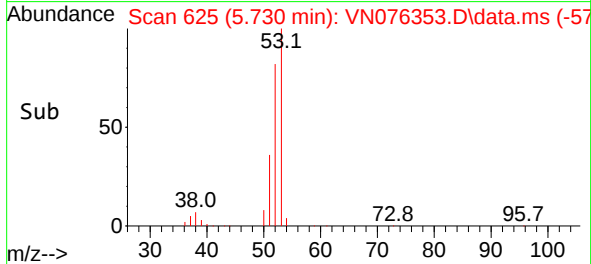
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 415869
Ion Ratio Lower Upper
53 100
52 81.2 64.7 97.1
51 36.7 29.2 43.8

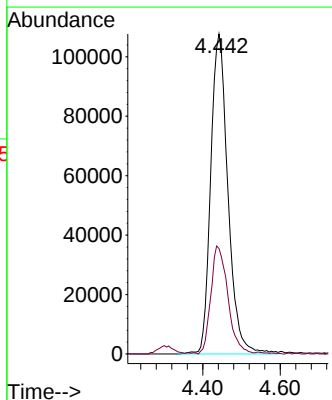
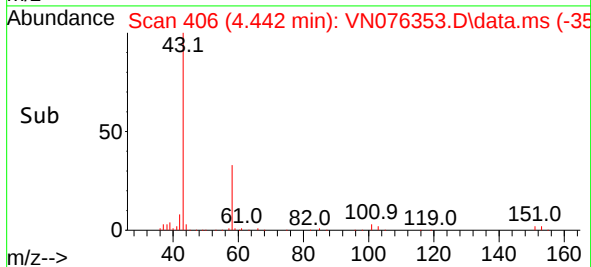
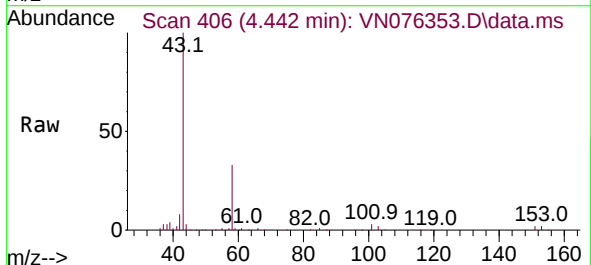
Manual Integrations
APPROVED

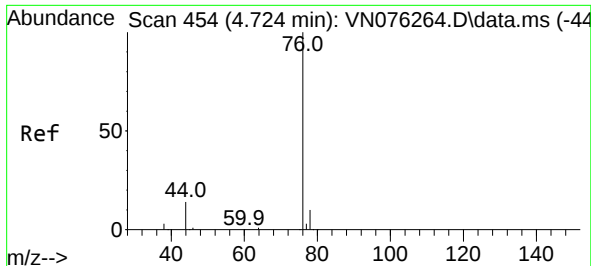
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#16
Acetone
Concen: 224.057 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

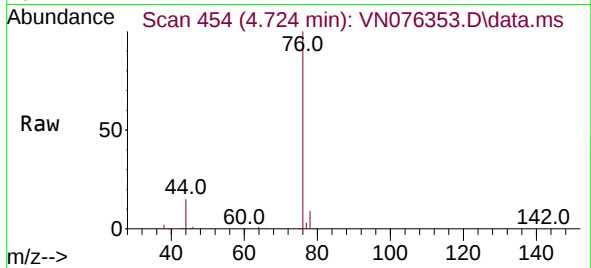
Tgt Ion: 43 Resp: 332635
Ion Ratio Lower Upper
43 100
58 32.7 26.7 40.1





#17
Carbon Disulfide
Concen: 42.656 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

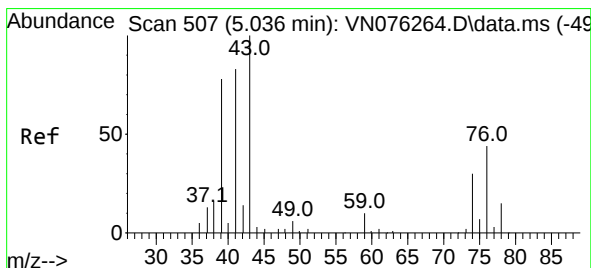
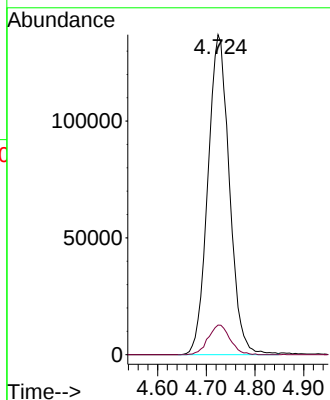
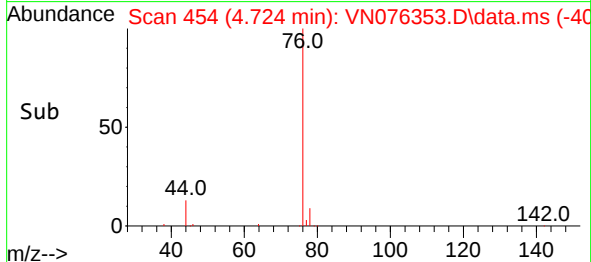
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



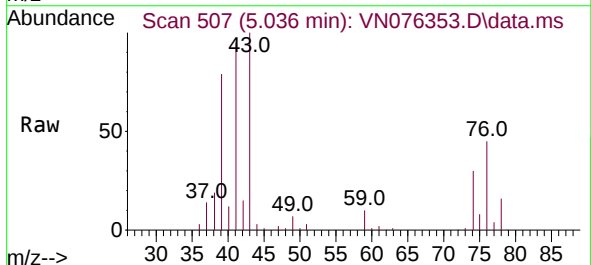
Tgt Ion: 76 Resp: 42075
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0

Manual Integrations
APPROVED

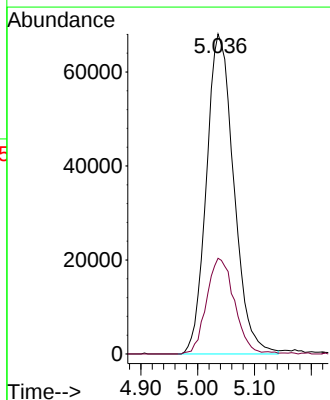
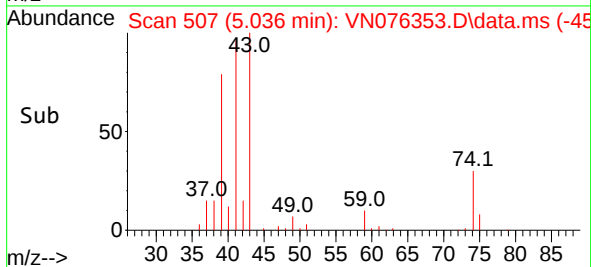
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

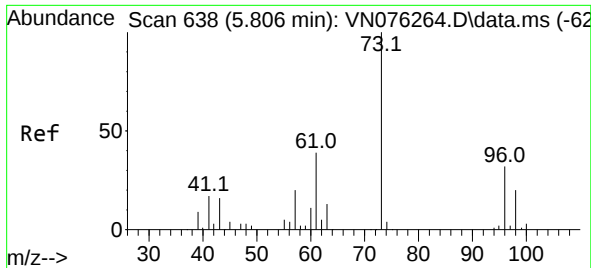


#18
Methyl Acetate
Concen: 45.266 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30



Tgt Ion: 43 Resp: 227740
Ion Ratio Lower Upper
43 100
74 30.2 23.3 34.9





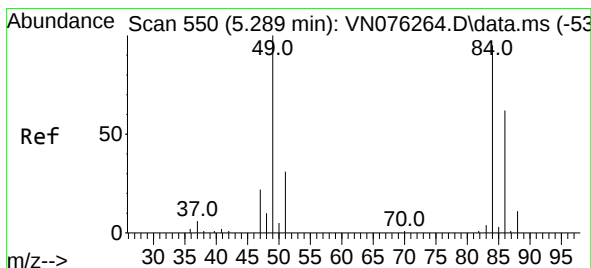
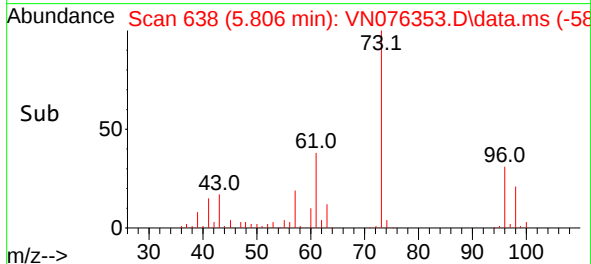
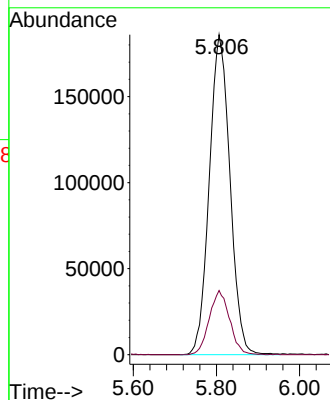
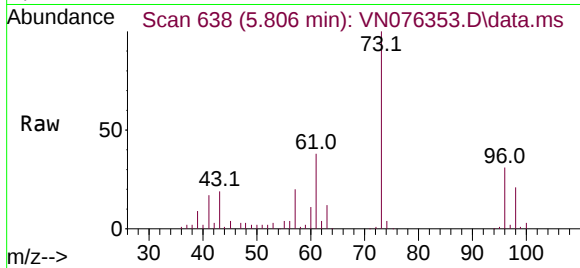
#19
Methyl tert-butyl Ether
Concen: 49.822 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 64254
Ion Ratio Lower Upper
73 100
57 20.0 15.9 23.9

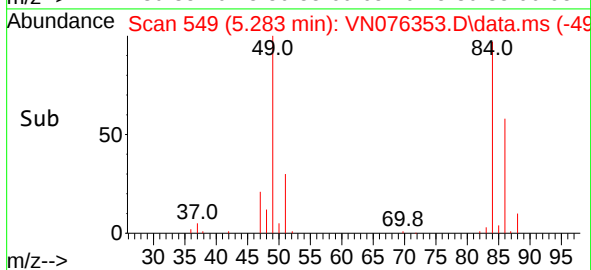
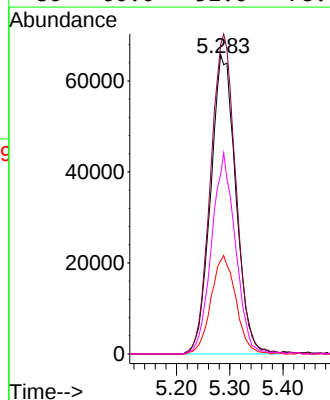
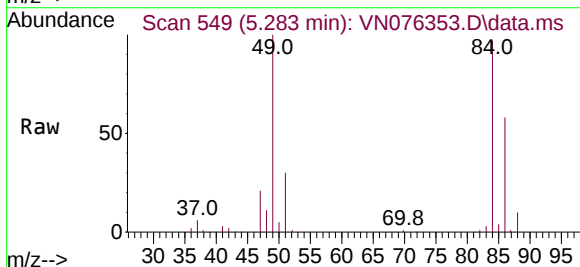
Manual Integrations
APPROVED

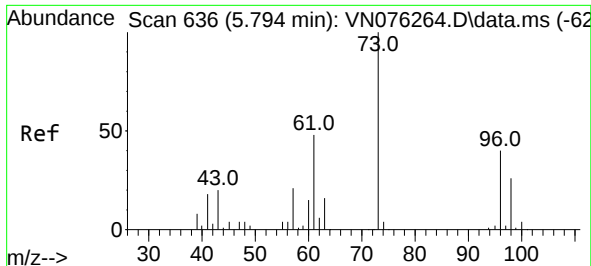
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#20
Methylene Chloride
Concen: 49.073 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

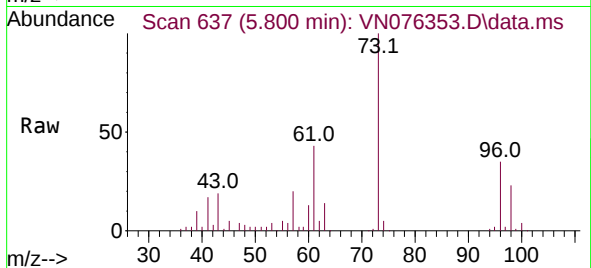
Tgt Ion: 84 Resp: 215619
Ion Ratio Lower Upper
84 100
49 103.5 84.5 126.7
51 31.2 26.0 39.0
86 60.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 45.261 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

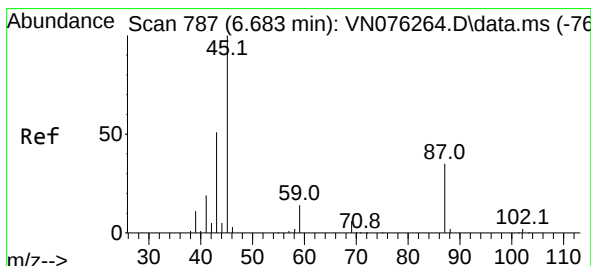
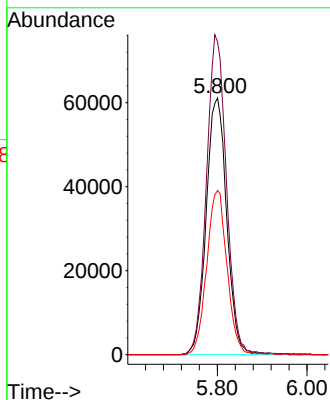
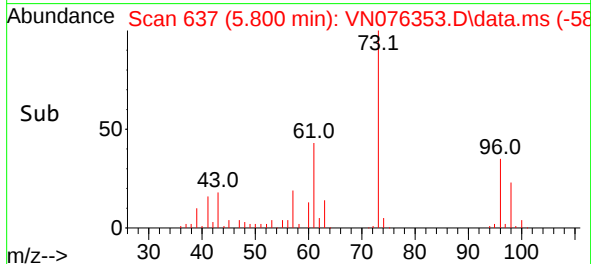
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



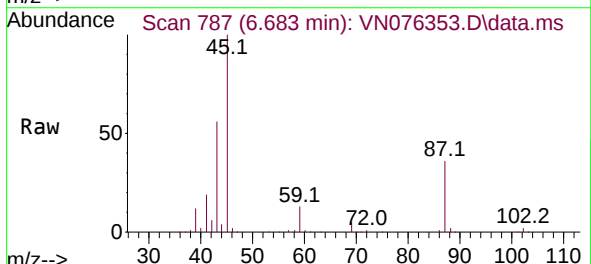
Tgt Ion: 96 Resp: 19424
Ion Ratio Lower Upper
96 100
61 121.8 97.0 145.4
98 64.0 51.9 77.9

Manual Integrations
APPROVED

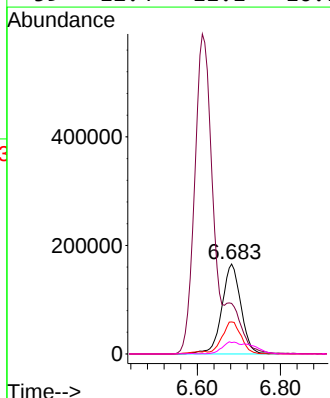
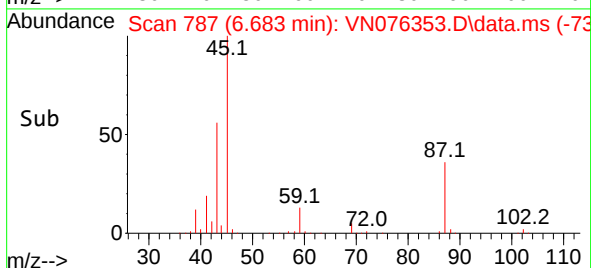
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

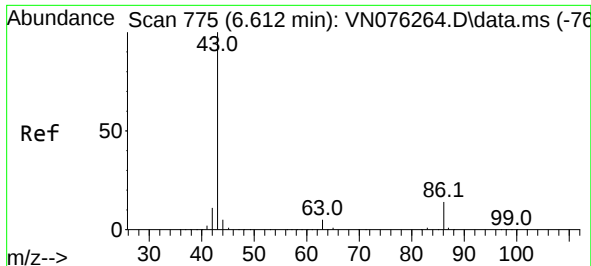


#22
Diisopropyl ether
Concen: 48.362 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30



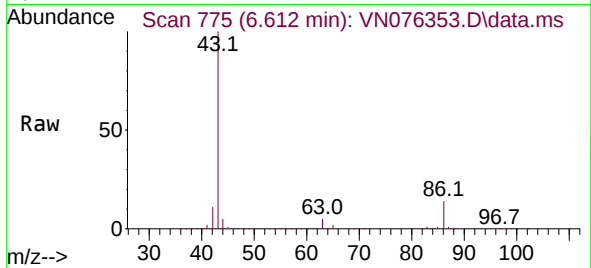
Tgt Ion: 45 Resp: 526520
Ion Ratio Lower Upper
45 100
43 55.3 44.4 66.6
87 35.7 28.4 42.6
59 12.4 11.1 16.7





#23
 Vinyl Acetate
 Concen: 248.444 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN076353.D
 Acq: 20 Jan 2023 18:30

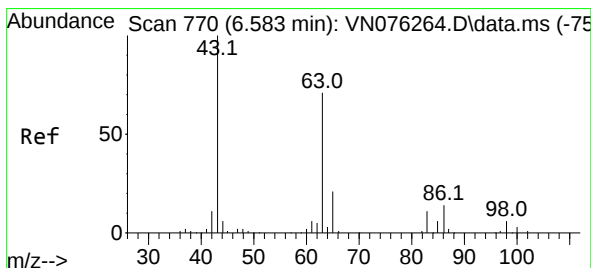
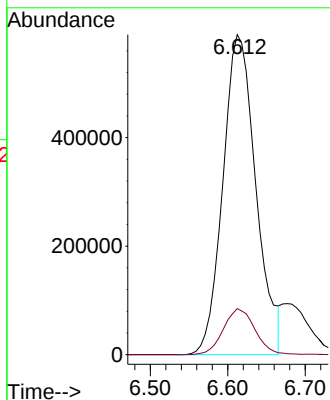
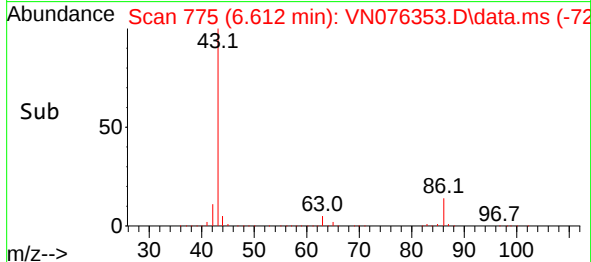
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



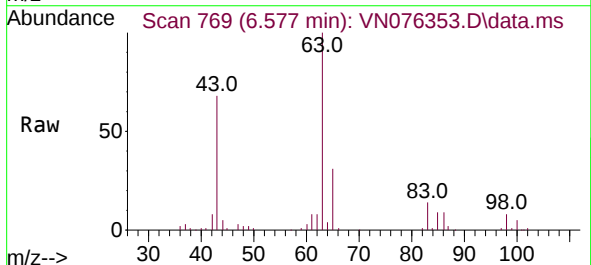
Tgt Ion: 43 Resp: 174809
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.2 16.8

Manual Integrations
 APPROVED

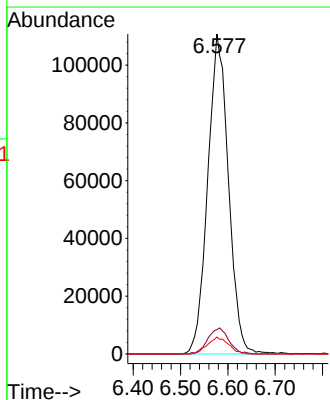
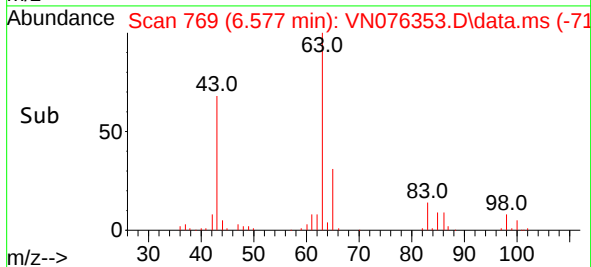
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

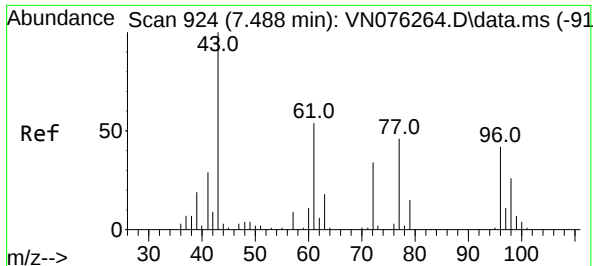


#24
 1,1-Dichloroethane
 Concen: 46.303 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076353.D
 Acq: 20 Jan 2023 18:30



Tgt Ion: 63 Resp: 336023
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 230.382 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 522358

Ion Ratio Lower Upper

43 100

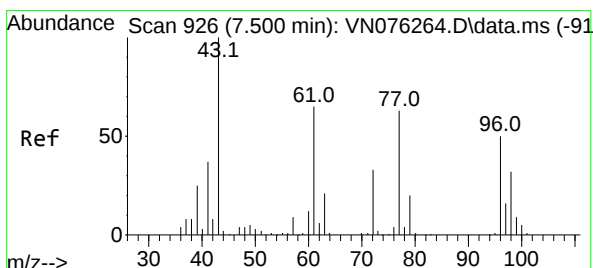
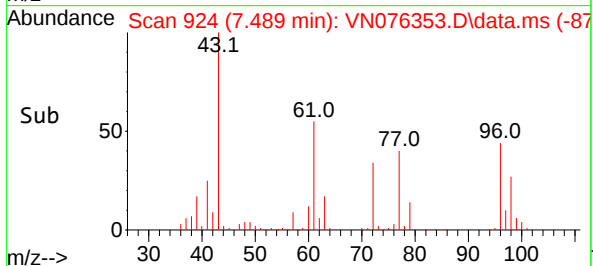
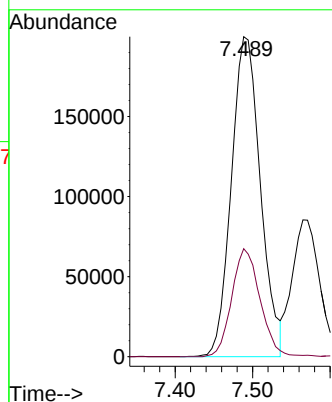
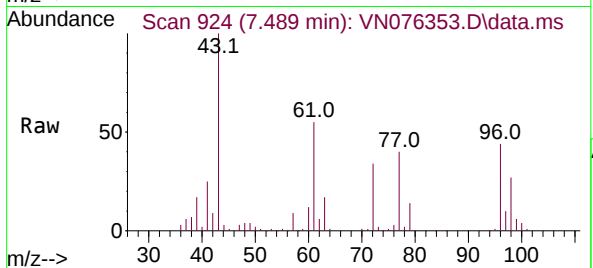
72 33.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#26

2,2-Dichloropropane

Concen: 44.324 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076353.D

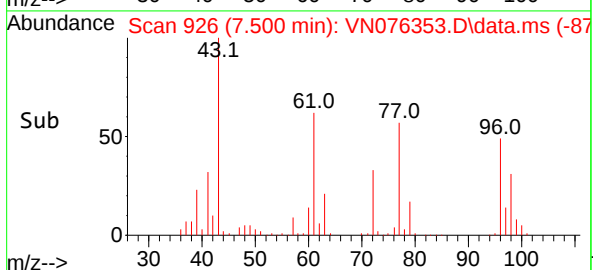
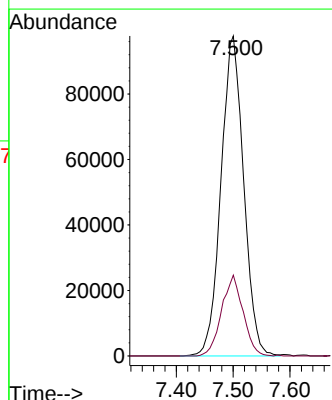
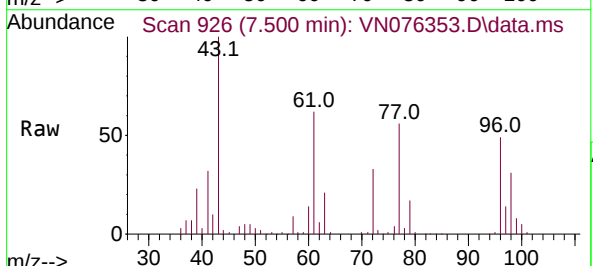
Acq: 20 Jan 2023 18:30

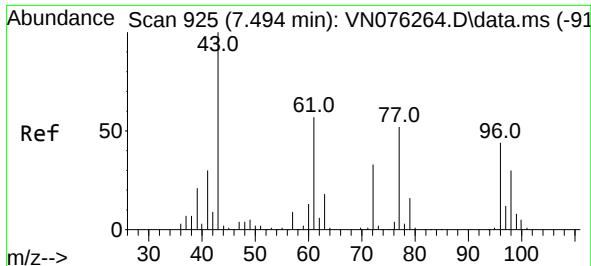
Tgt Ion: 77 Resp: 271100

Ion Ratio Lower Upper

77 100

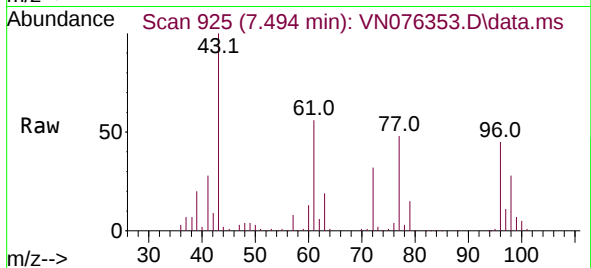
97 23.9 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 47.364 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076353.D
 Acq: 20 Jan 2023 18:30

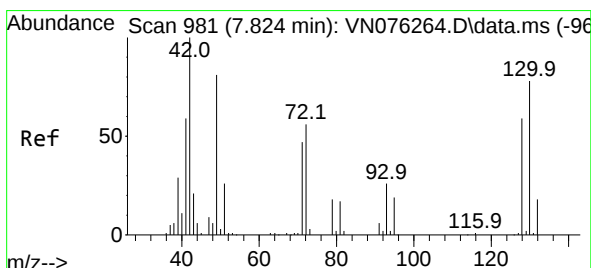
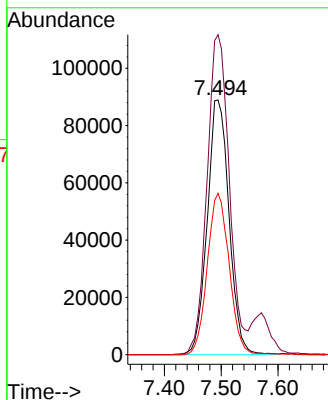
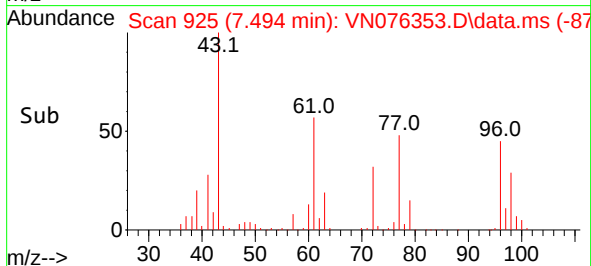
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 23707
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 259.6
 98 63.8 0.0 129.4

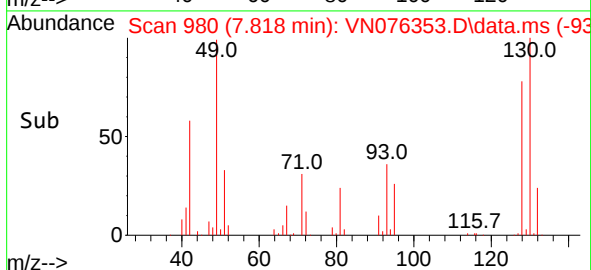
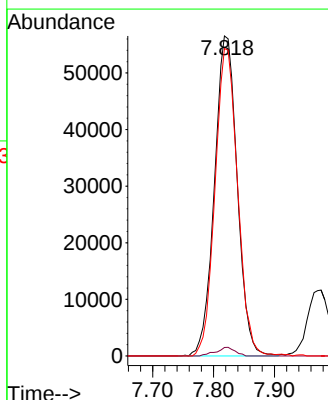
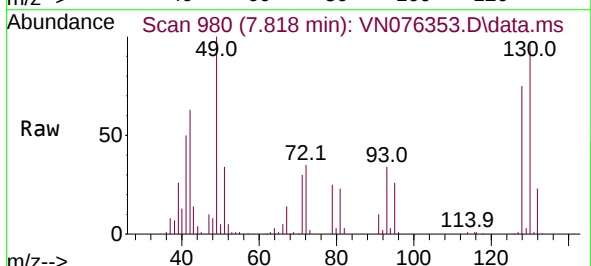
Manual Integrations
 APPROVED

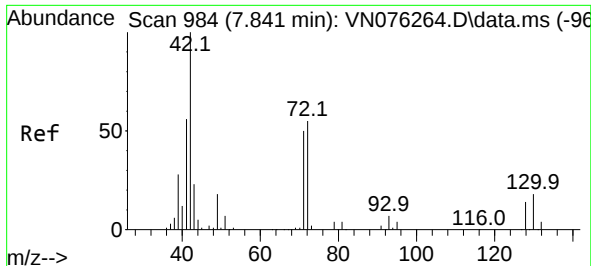
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#28
 Bromochloromethane
 Concen: 49.945 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076353.D
 Acq: 20 Jan 2023 18:30

Tgt Ion: 49 Resp: 146908
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 95.3 76.0 114.0





#29

Tetrahydrofuran

Concen: 245.266 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 343220

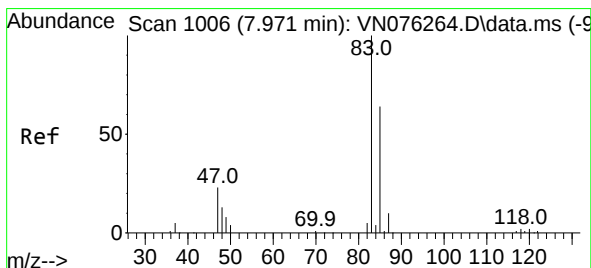
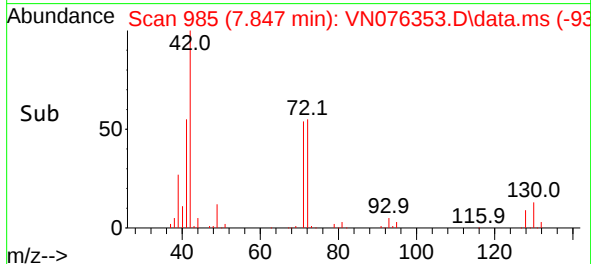
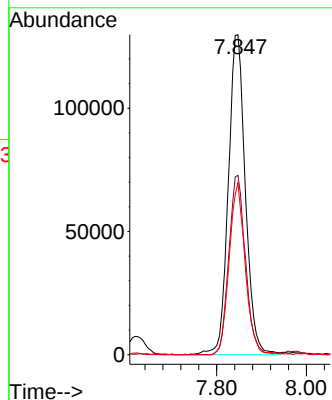
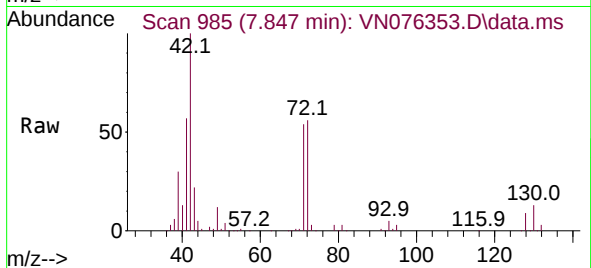
Ion	Ratio	Lower	Upper
42	100		
72	54.5	44.0	66.0
71	50.8	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#30

Chloroform

Concen: 47.294 ug/l

RT: 7.971 min Scan# 1006

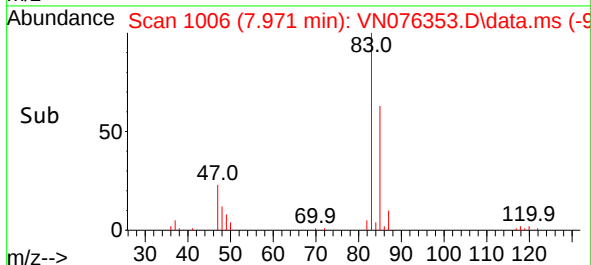
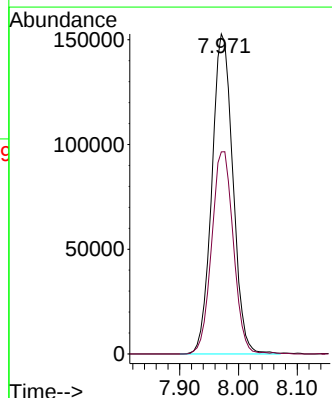
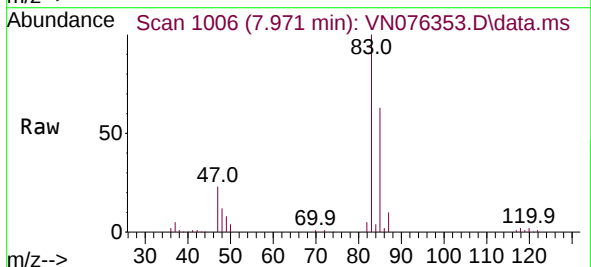
Delta R.T. -0.000 min

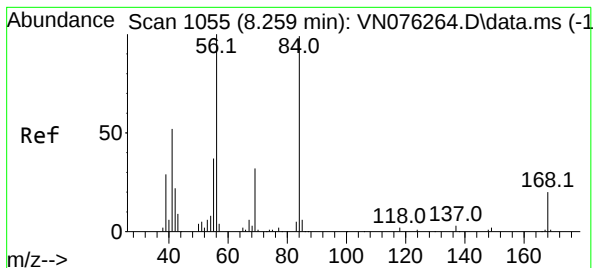
Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Tgt Ion: 83 Resp: 379764

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.0	76.6





#31

Cyclohexane

Concen: 41.391 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 29445

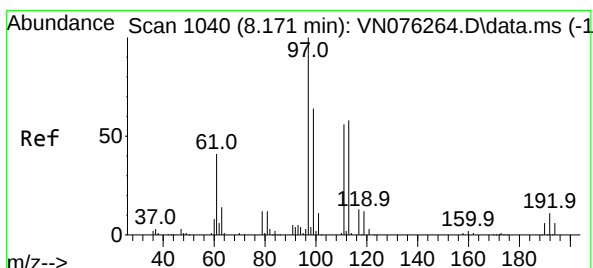
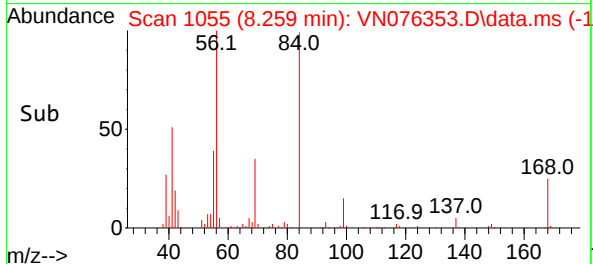
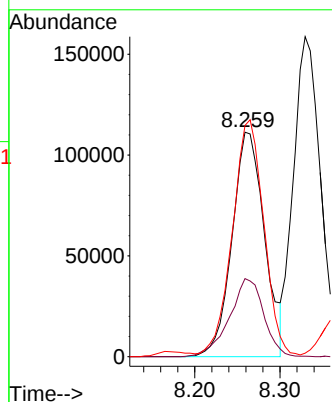
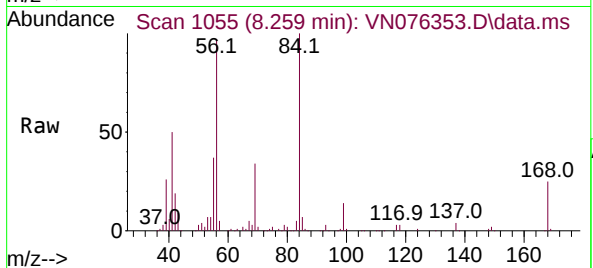
Ion	Ratio	Lower	Upper
56	100		
69	34.7	25.8	38.8
84	101.0	79.0	118.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#32

1,1,1-Trichloroethane

Concen: 47.657 ug/l

RT: 8.171 min Scan# 1040

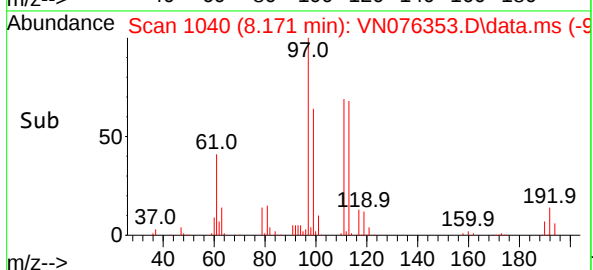
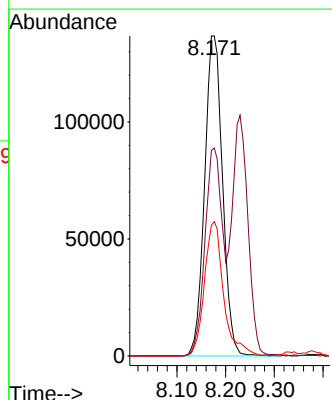
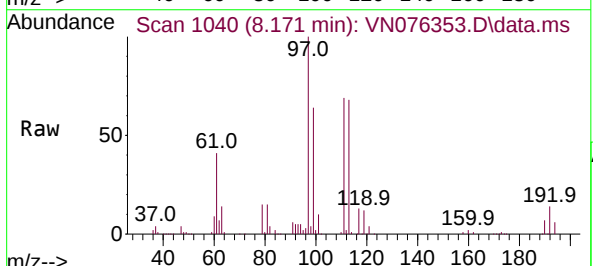
Delta R.T. -0.000 min

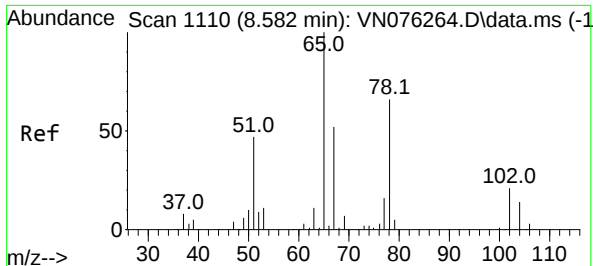
Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Tgt Ion: 97 Resp: 349385

Ion	Ratio	Lower	Upper
97	100		
99	62.8	55.0	82.4
61	45.0	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 52.778 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 24441

Ion Ratio Lower Upper

65 100

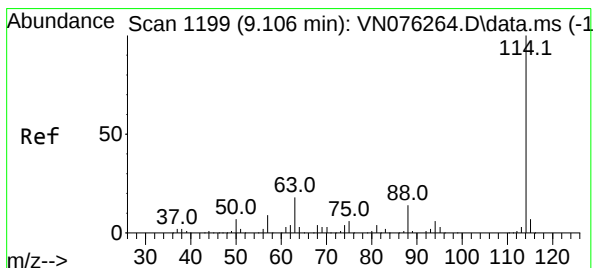
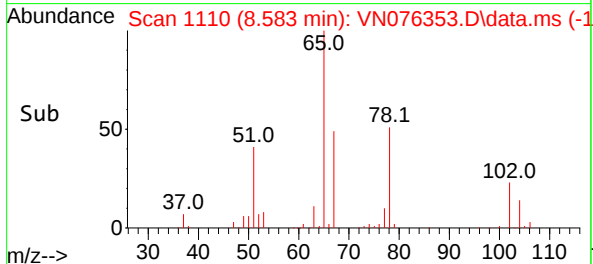
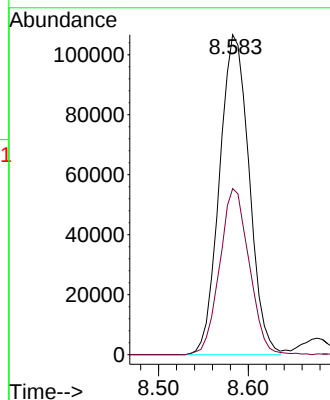
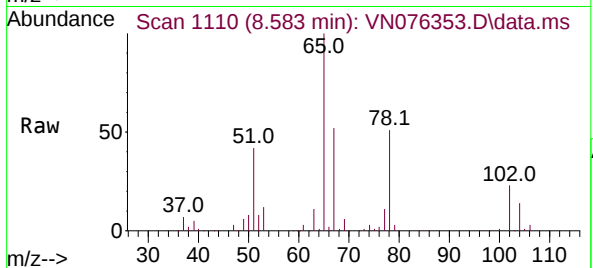
67 51.6 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

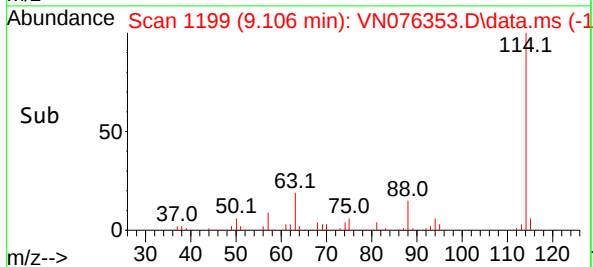
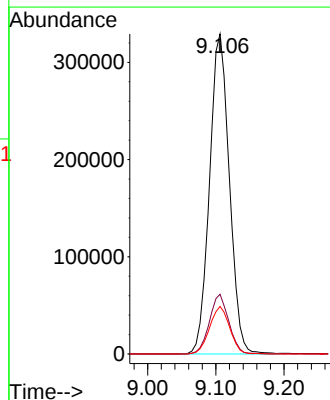
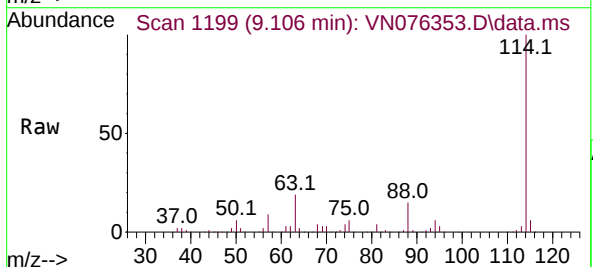
Tgt Ion:114 Resp: 667268

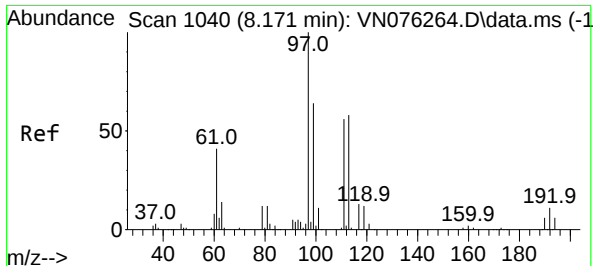
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 14.9 0.0 28.0





#35

Dibromofluoromethane

Concen: 53.257 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 22229

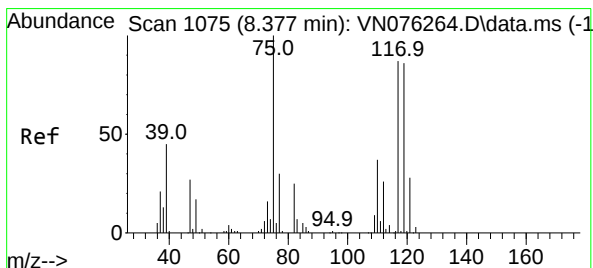
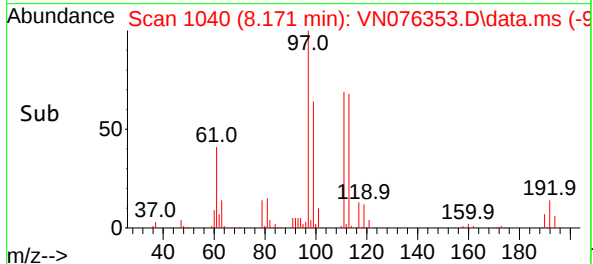
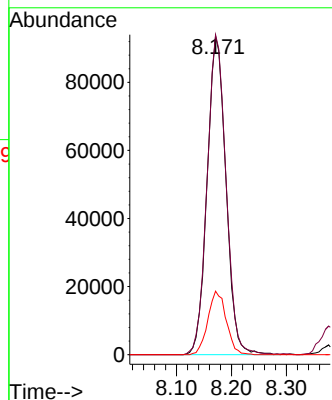
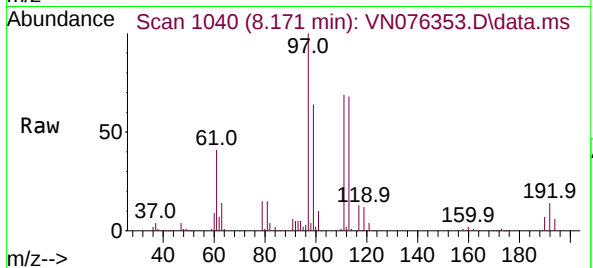
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.7	124.1
192	19.5	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#36

1,1-Dichloropropene

Concen: 45.783 ug/l

RT: 8.377 min Scan# 1075

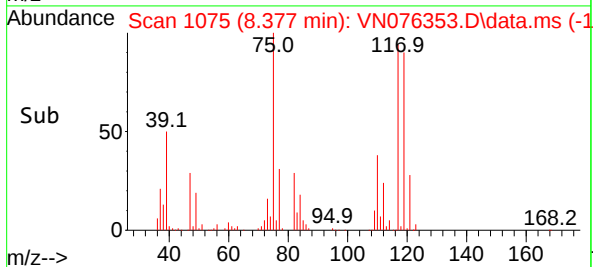
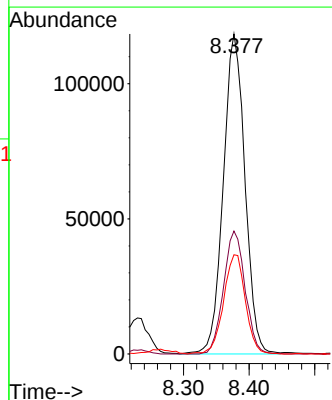
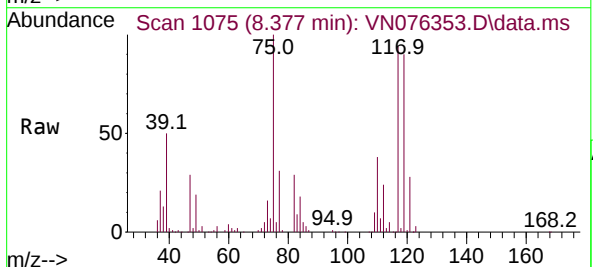
Delta R.T. -0.000 min

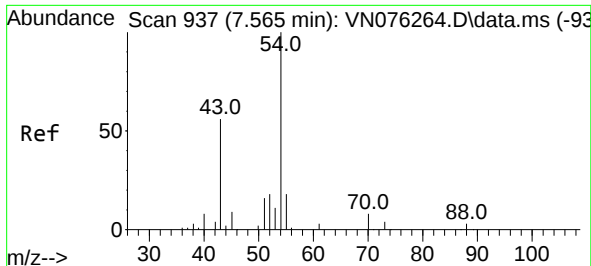
Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Tgt Ion: 75 Resp: 271551

Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.8	56.3
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 45.233 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

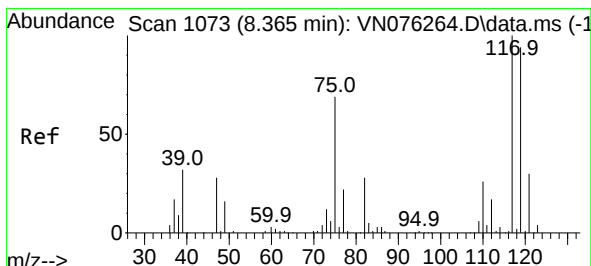
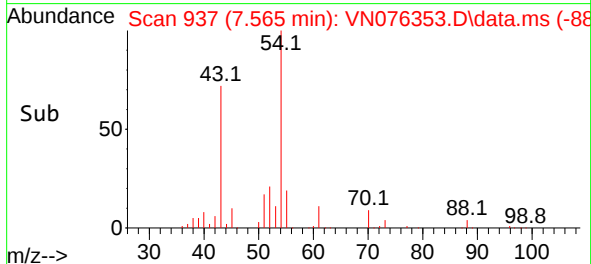
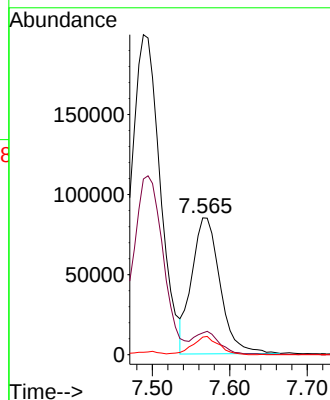
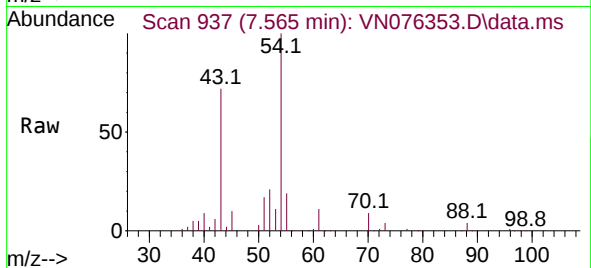
VSTDCCC050EC

Tgt Ion: 43 Resp: 21517
 Ion Ratio Lower Upper
 43 100
 61 14.8 11.1 16.7
 70 12.5 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#38

Carbon Tetrachloride

Concen: 46.821 ug/l

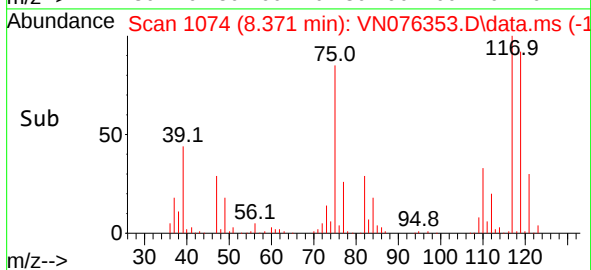
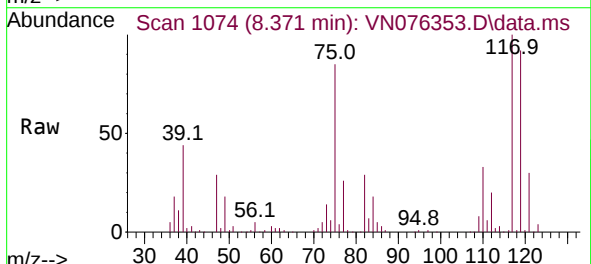
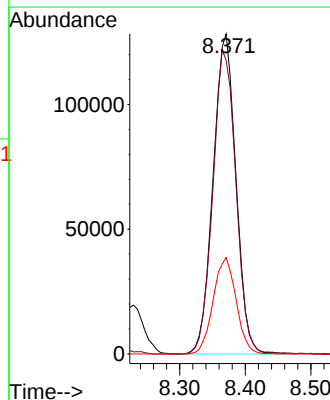
RT: 8.371 min Scan# 1074

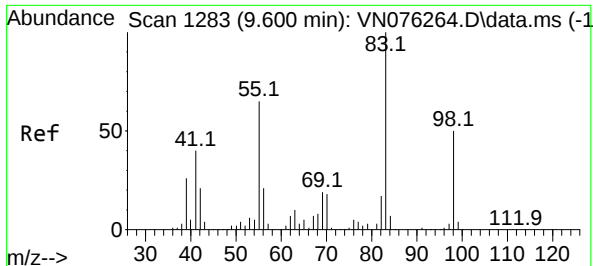
Delta R.T. 0.006 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Tgt Ion:117 Resp: 309685
 Ion Ratio Lower Upper
 117 100
 119 91.8 75.4 113.0
 121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 45.963 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 33291

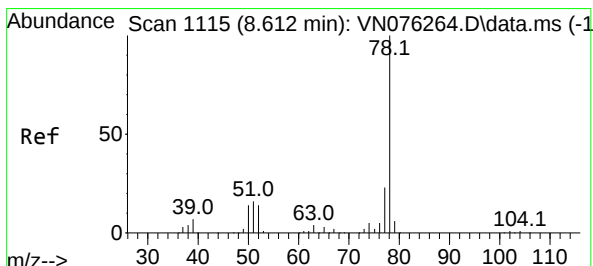
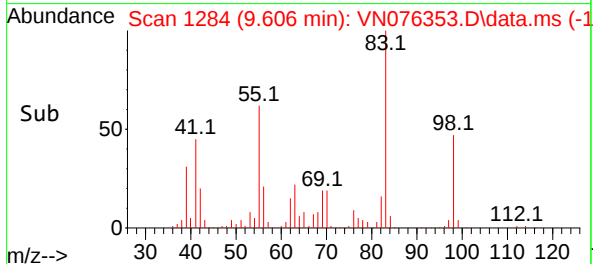
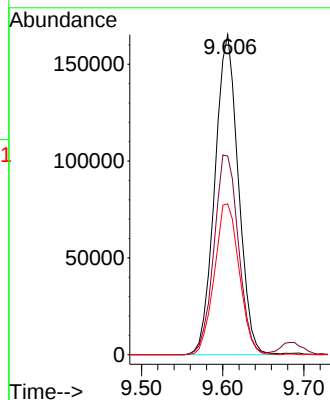
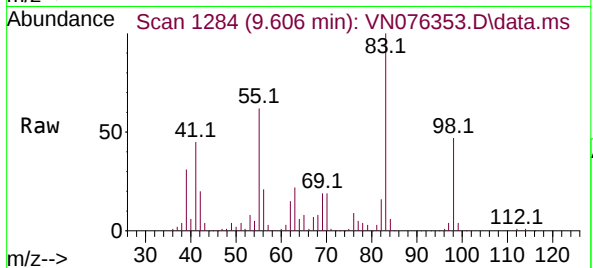
Ion	Ratio	Lower	Upper
83	100		
55	62.1	51.7	77.5
98	47.2	40.0	60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#40

Benzene

Concen: 46.159 ug/l

RT: 8.612 min Scan# 1115

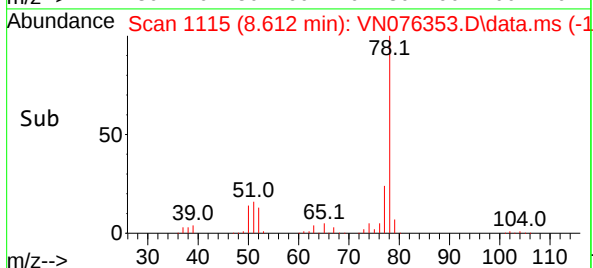
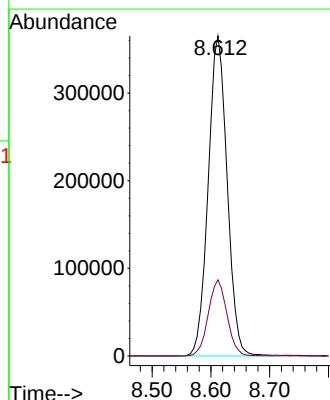
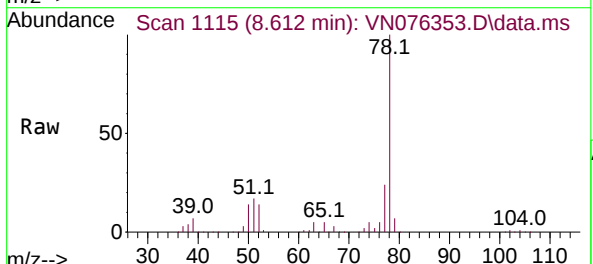
Delta R.T. -0.000 min

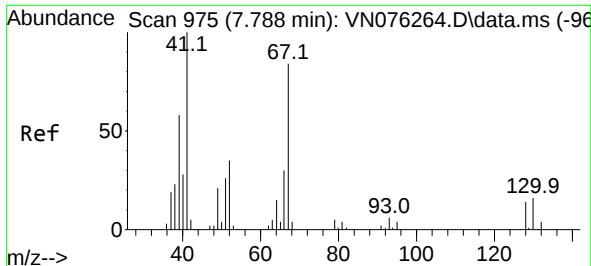
Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Tgt Ion: 78 Resp: 818638

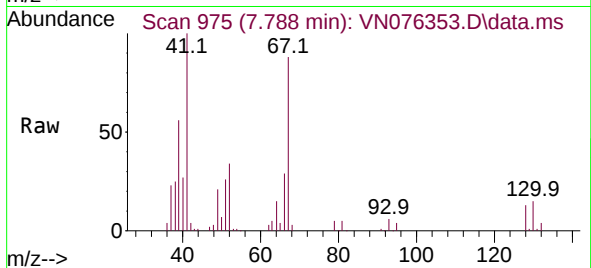
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





#41
Methacrylonitrile
Concen: 47.641 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

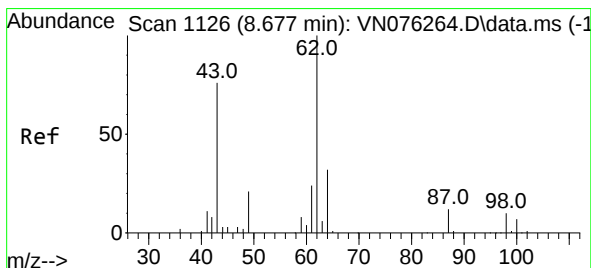
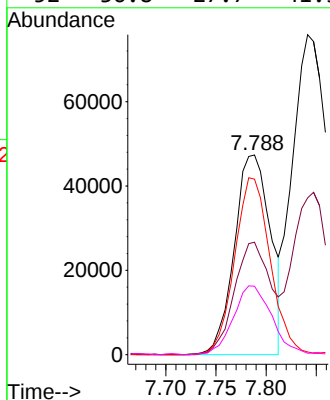
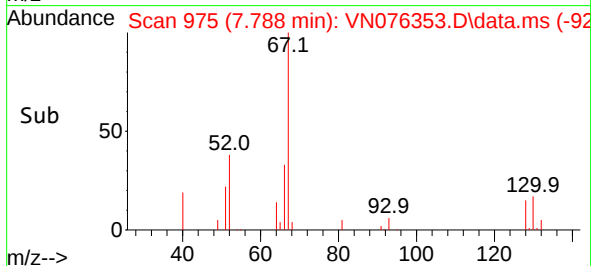
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



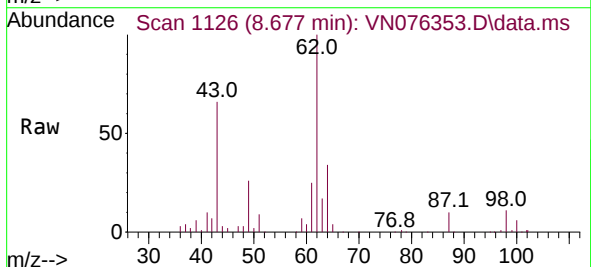
Tgt Ion: 41 Resp: 118672
Ion Ratio Lower Upper
41 100
39 56.7 42.4 63.6
67 88.0 68.8 103.2
52 36.8 27.7 41.5

Manual Integrations
APPROVED

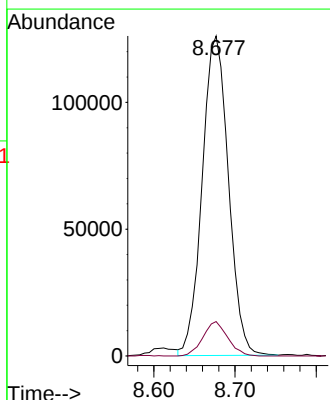
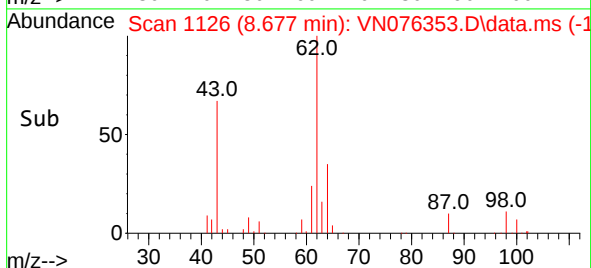
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

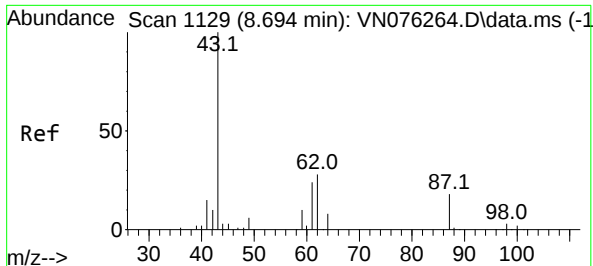


#42
1,2-Dichloroethane
Concen: 46.682 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30



Tgt Ion: 62 Resp: 283271
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.4





#43

Isopropyl Acetate

Concen: 48.525 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 37554

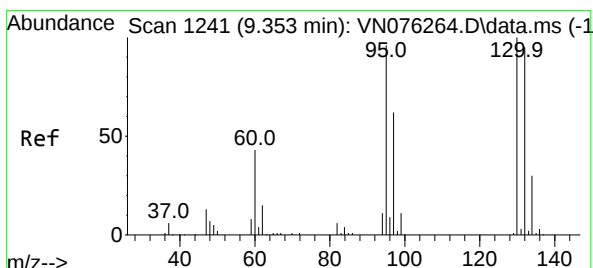
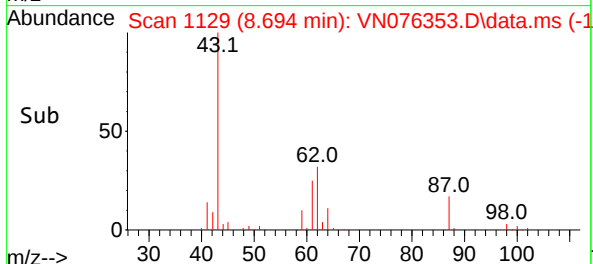
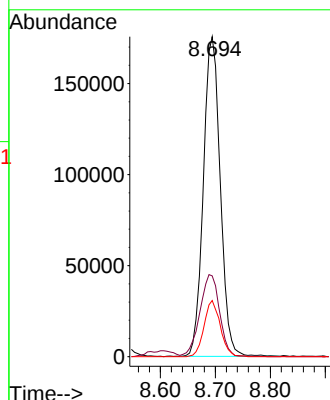
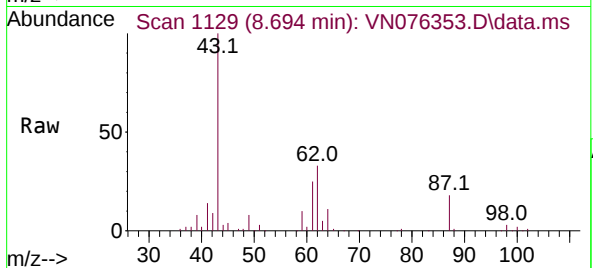
Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.5	35.3
87	16.9	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#44

Trichloroethene

Concen: 44.910 ug/l

RT: 9.359 min Scan# 1242

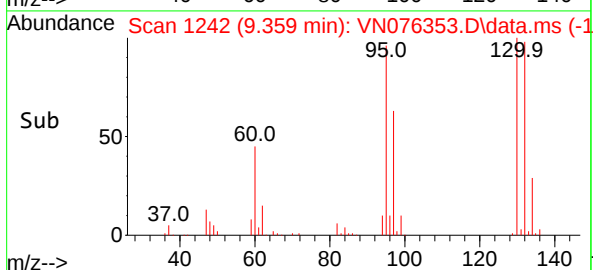
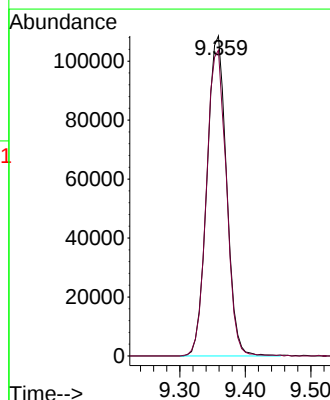
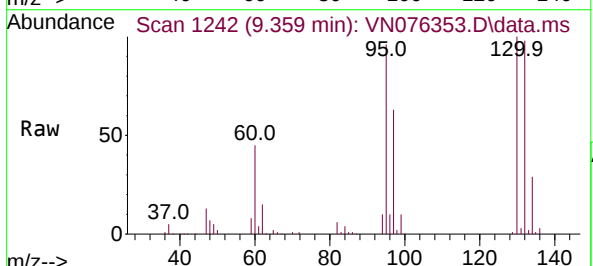
Delta R.T. 0.006 min

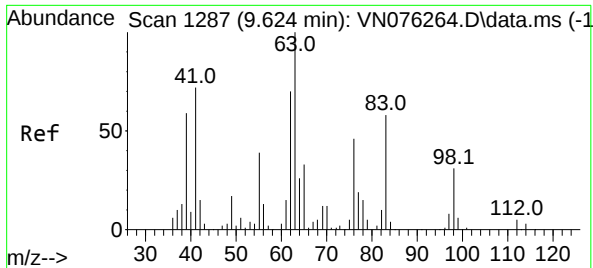
Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Tgt Ion:130 Resp: 225273

Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	192.0





#45

1,2-Dichloropropane

Concen: 46.827 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 19883

Ion Ratio Lower Upper

63 100

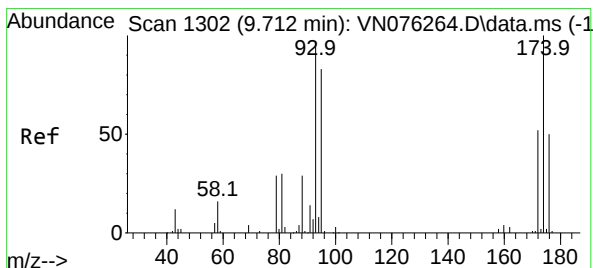
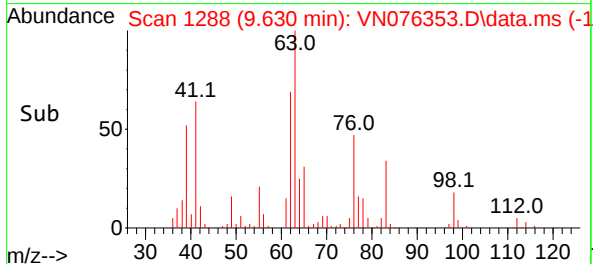
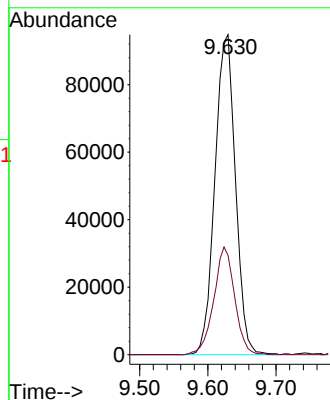
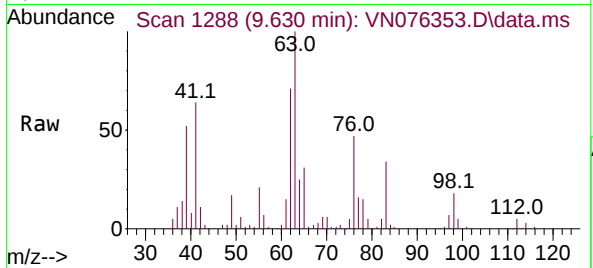
65 31.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#46

Dibromomethane

Concen: 46.407 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

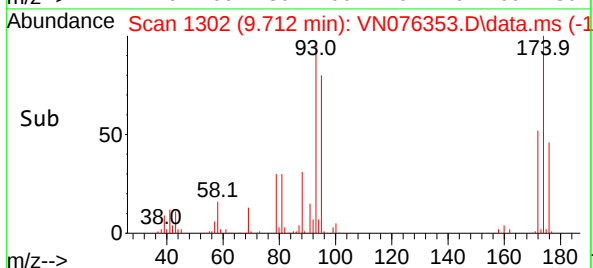
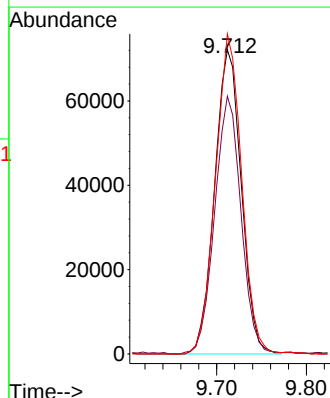
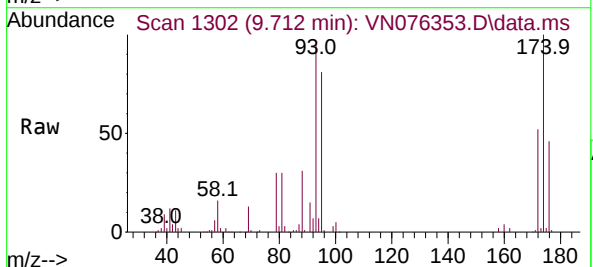
Tgt Ion: 93 Resp: 148777

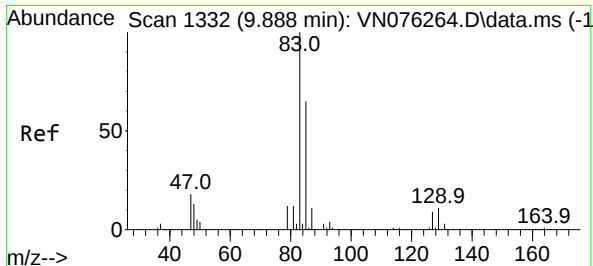
Ion Ratio Lower Upper

93 100

95 84.2 66.0 99.0

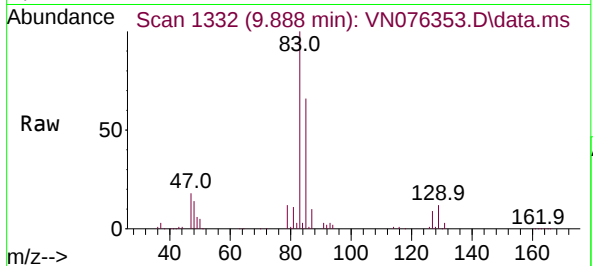
174 103.7 81.3 121.9





#47
Bromodichloromethane
Concen: 48.410 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

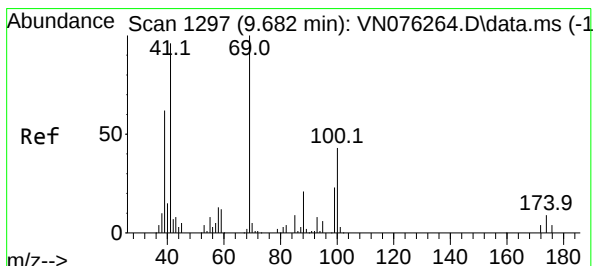
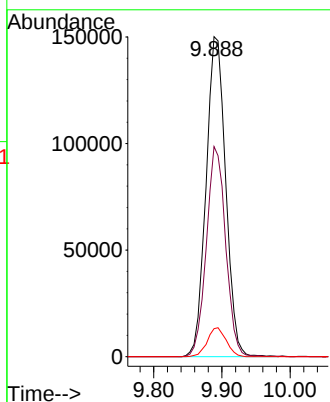
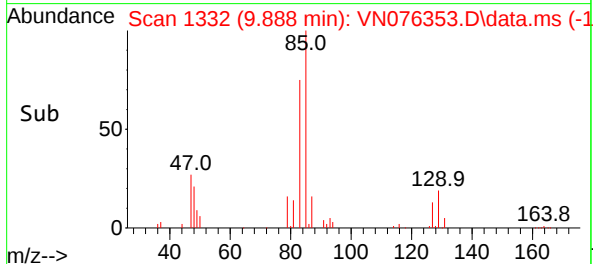
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



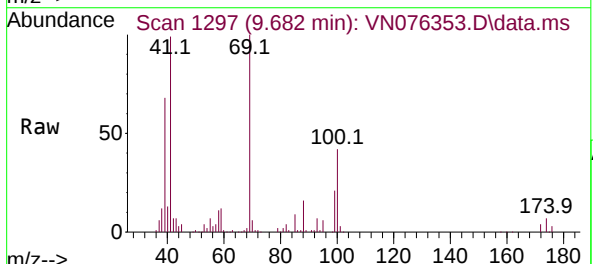
Tgt Ion: 83 Resp: 301010
Ion Ratio Lower Upper
83 100
85 65.6 52.1 78.1
127 8.7 7.4 11.0

Manual Integrations
APPROVED

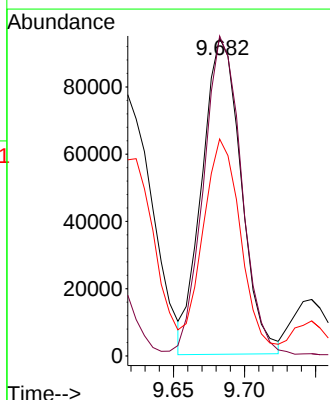
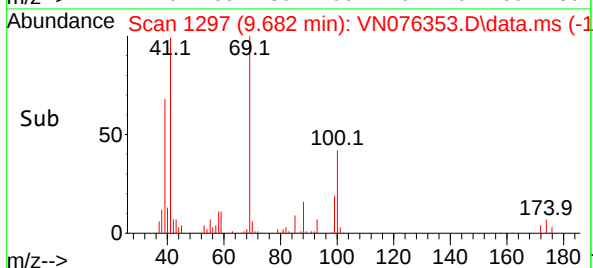
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

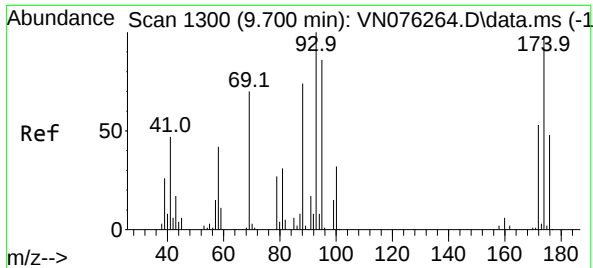


#48
Methyl methacrylate
Concen: 49.115 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30



Tgt Ion: 41 Resp: 179955
Ion Ratio Lower Upper
41 100
69 99.9 80.8 121.2
39 68.0 54.4 81.6





#49

1,4-Dioxane

Concen: 972.271 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 7516

Ion Ratio Lower Upper

88 100

43 21.8 18.1 27.1

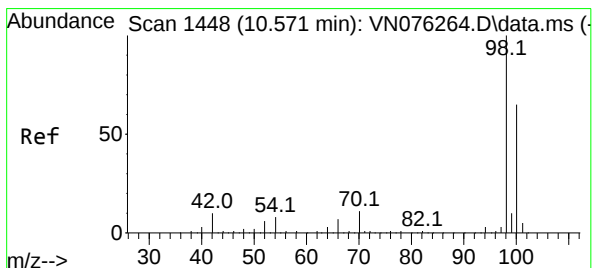
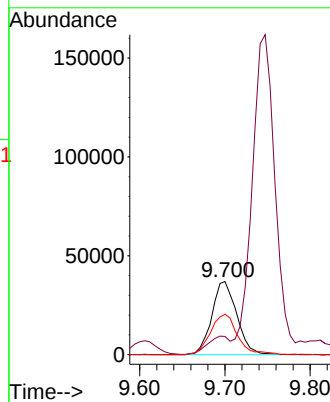
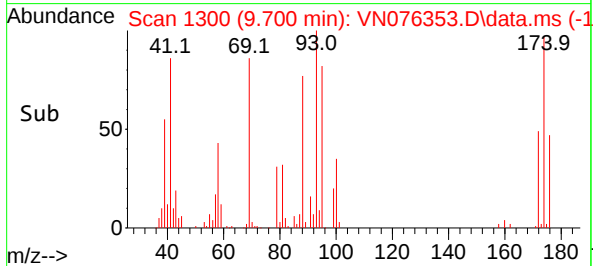
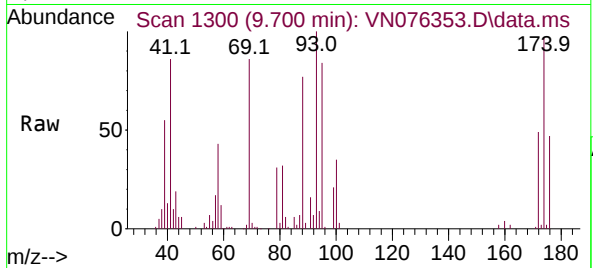
58 60.0 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#50

Toluene-d8

Concen: 53.079 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076353.D

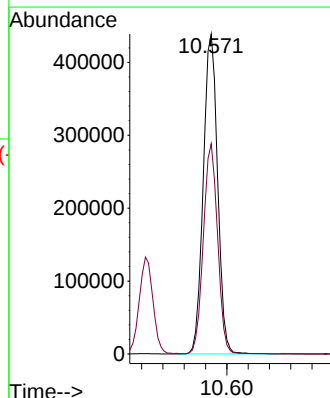
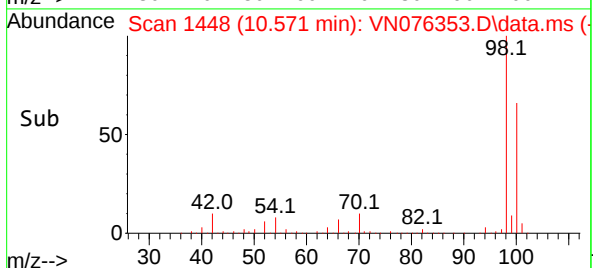
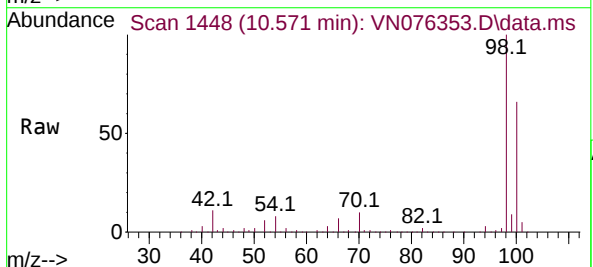
Acq: 20 Jan 2023 18:30

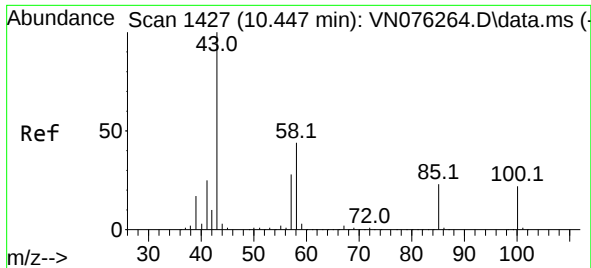
Tgt Ion: 98 Resp: 818226

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4





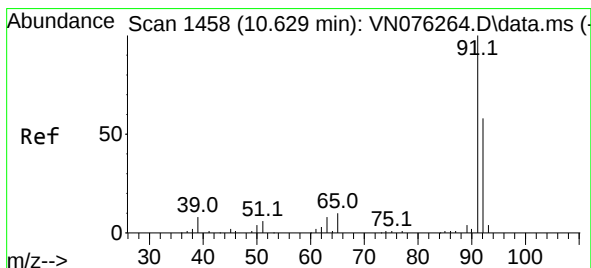
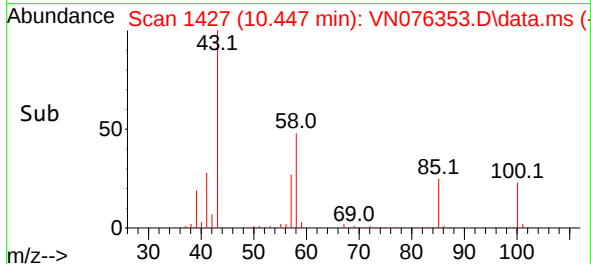
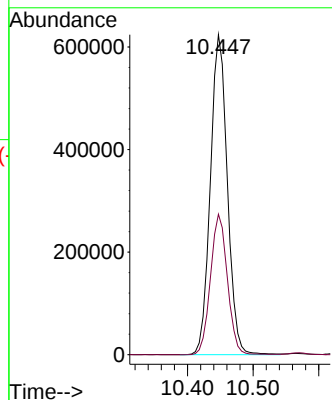
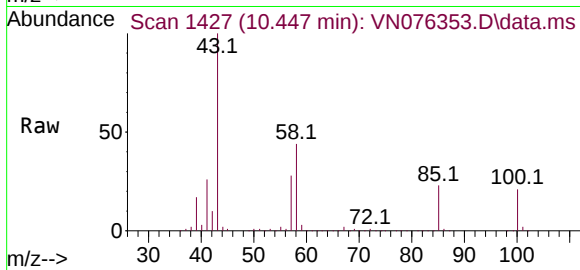
#51
4-Methyl-2-Pentanone
Concen: 247.469 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1124318
Ion Ratio Lower Upper
43 100
58 43.7 35.1 52.7

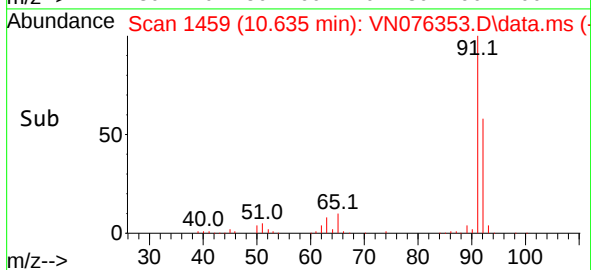
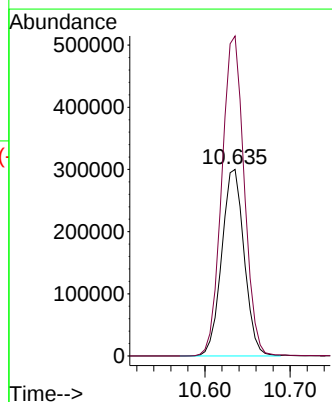
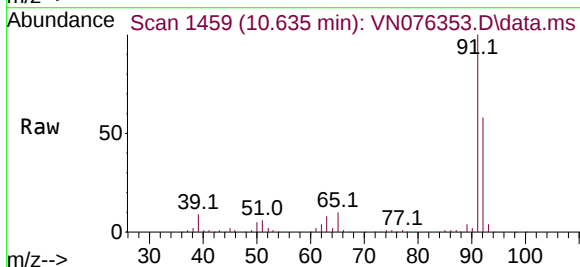
Manual Integrations
APPROVED

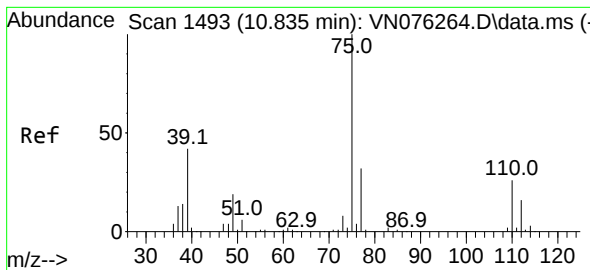
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#52
Toluene
Concen: 46.286 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion: 92 Resp: 548963
Ion Ratio Lower Upper
92 100
91 171.6 136.6 205.0





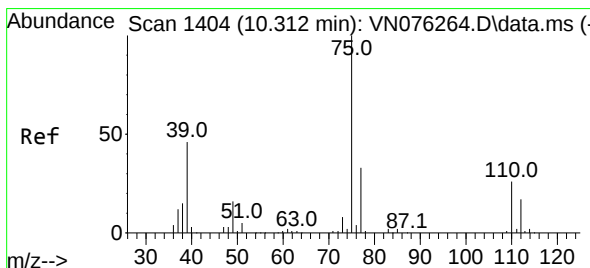
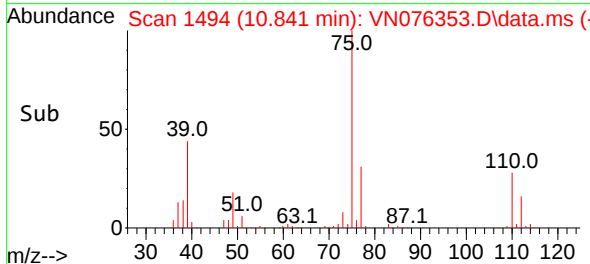
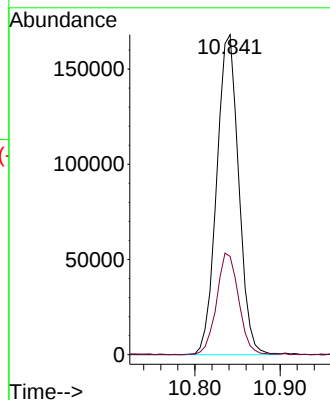
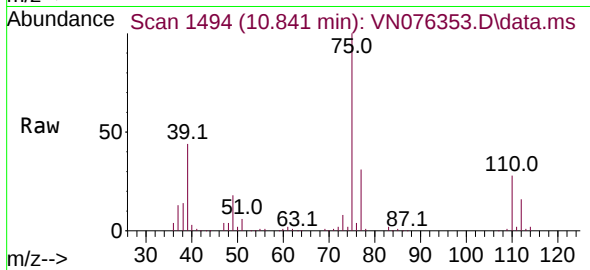
#53
t-1,3-Dichloropropene
Concen: 50.810 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 301178
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6

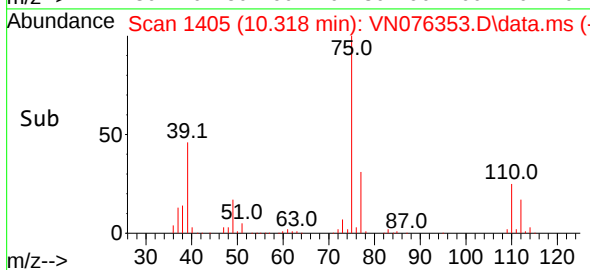
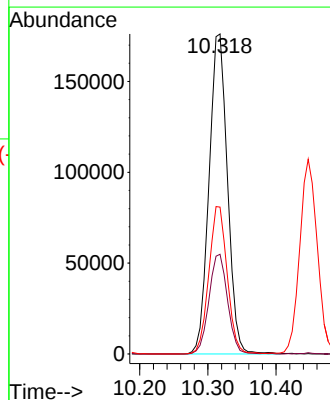
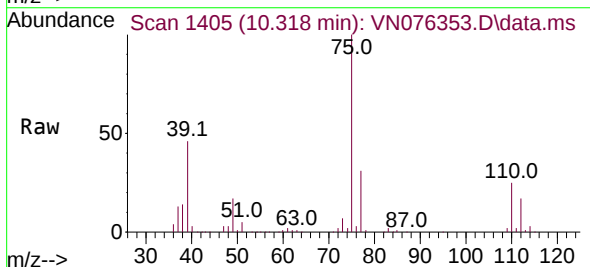
Manual Integrations
APPROVED

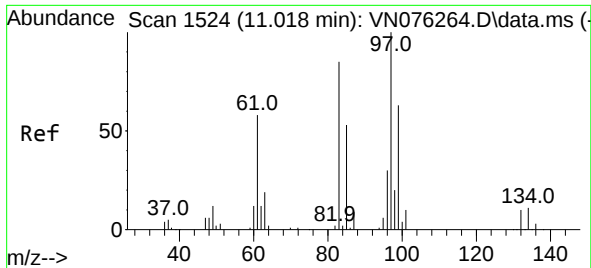
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#54
cis-1,3-Dichloropropene
Concen: 48.548 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

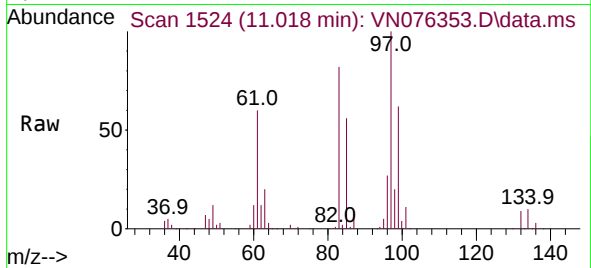
Tgt Ion: 75 Resp: 331069
Ion Ratio Lower Upper
75 100
77 31.2 26.5 39.7
39 45.9 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 47.612 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

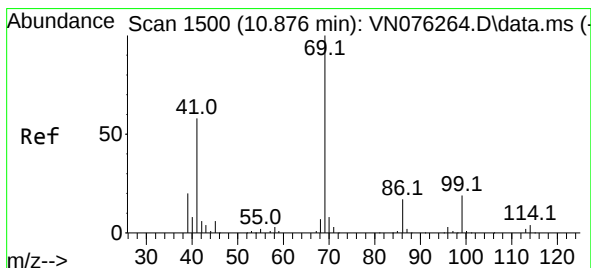
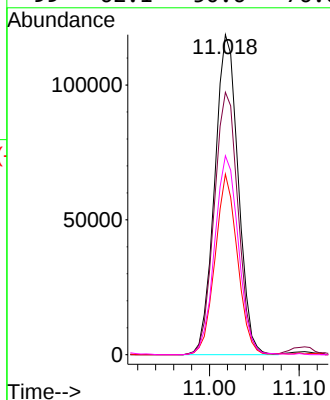
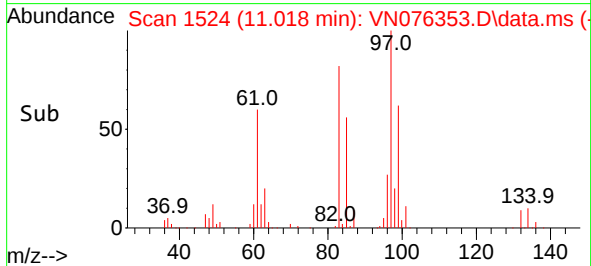
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



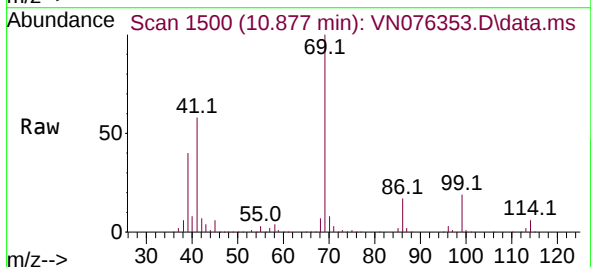
Tgt Ion: 97 Resp: 21584
Ion Ratio Lower Upper
97 100
83 82.0 67.8 101.6
85 56.4 42.3 63.5
99 62.1 50.6 76.0

Manual Integrations
APPROVED

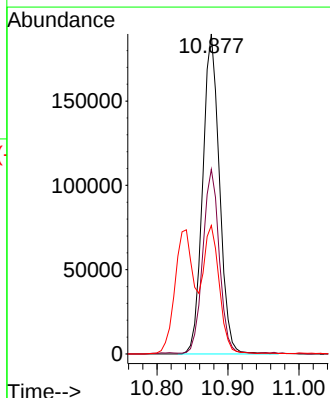
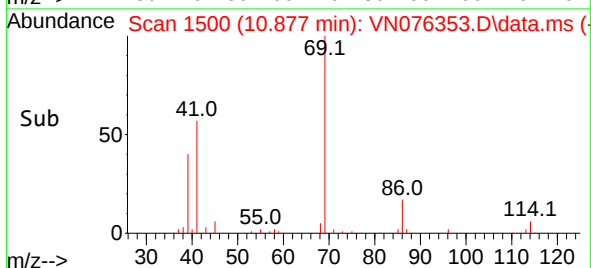
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

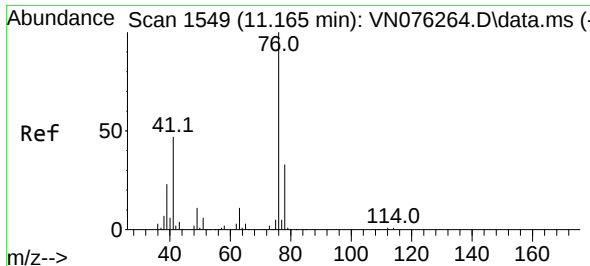


#56
Ethyl methacrylate
Concen: 53.299 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30



Tgt Ion: 69 Resp: 311945
Ion Ratio Lower Upper
69 100
41 56.2 45.3 67.9
39 37.0 29.3 43.9





#57

1,3-Dichloropropane

Concen: 47.556 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 350352

Ion Ratio Lower Upper

76 100

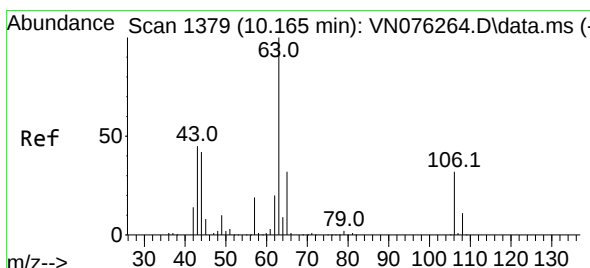
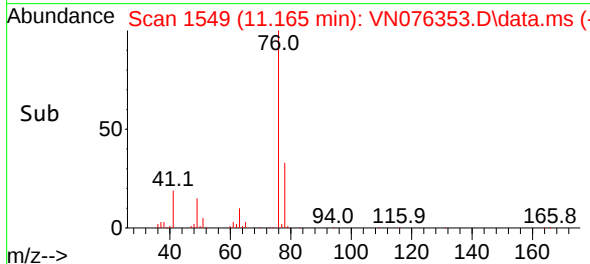
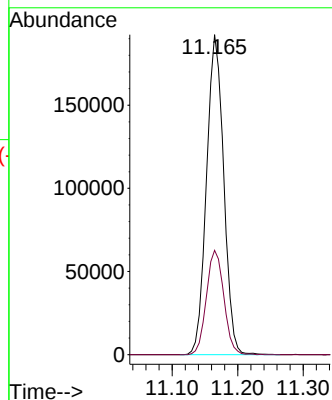
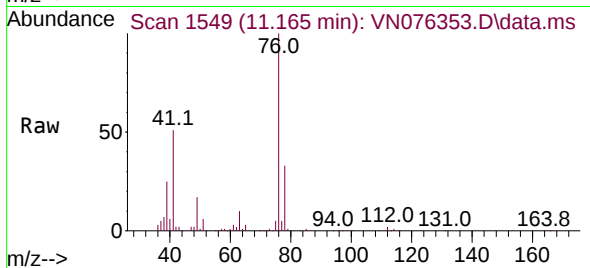
78 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 234.616 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076353.D

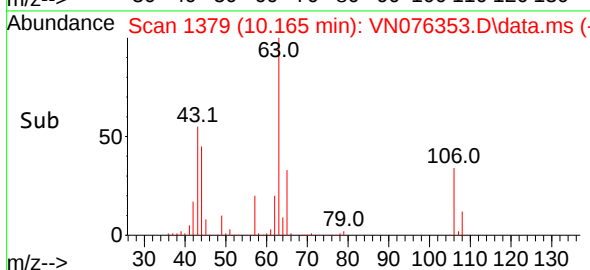
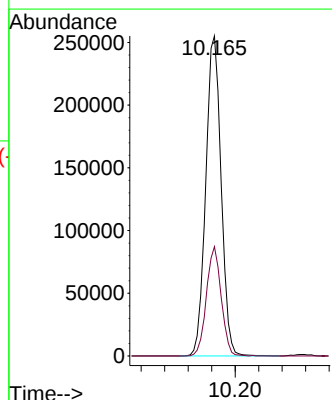
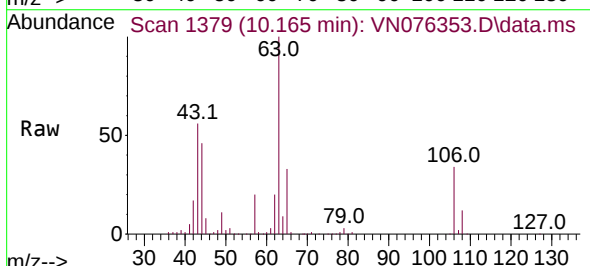
Acq: 20 Jan 2023 18:30

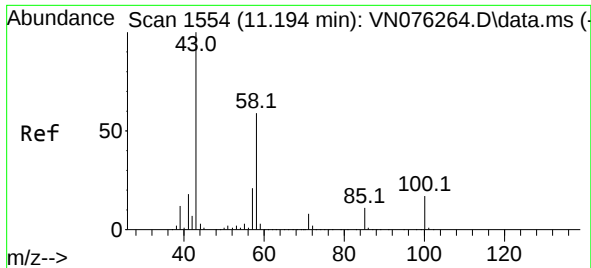
Tgt Ion: 63 Resp: 463562

Ion Ratio Lower Upper

63 100

106 32.8 26.2 39.2





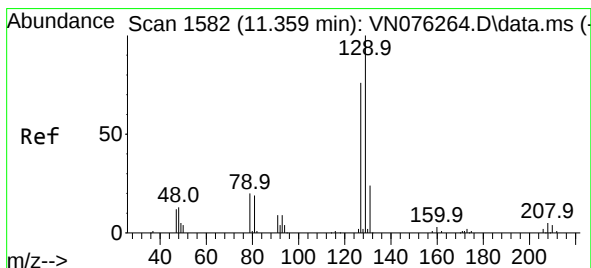
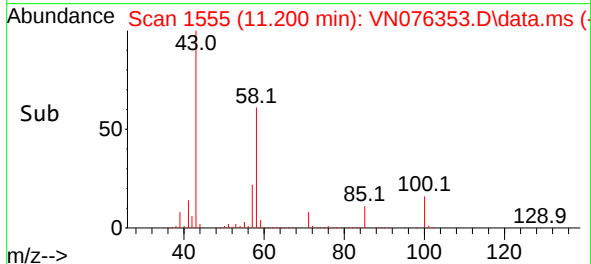
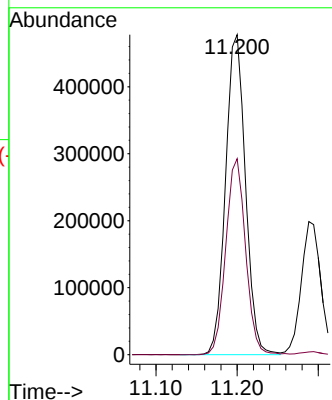
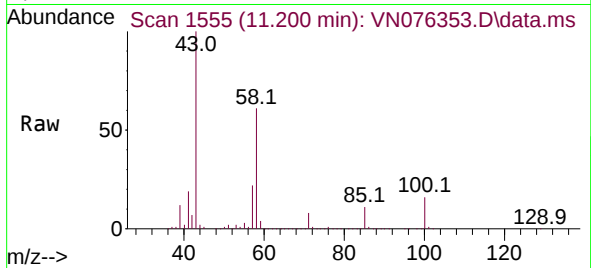
#59
2-Hexanone
Concen: 247.394 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 814490
Ion Ratio Lower Upper
43 100
58 60.9 30.1 90.3

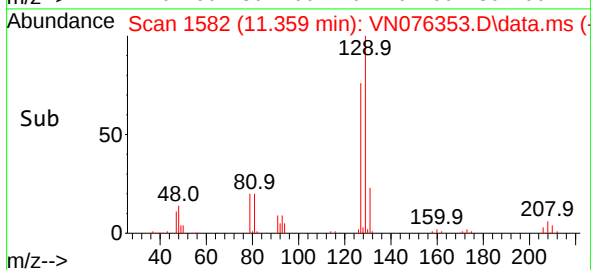
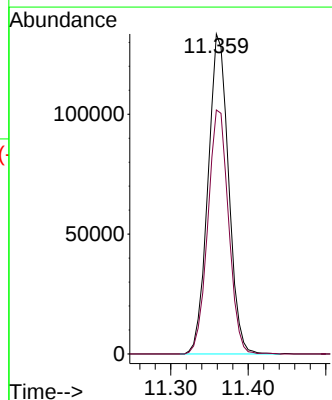
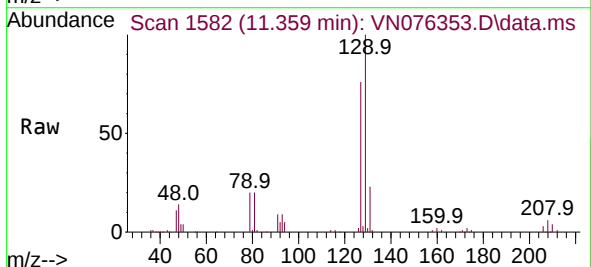
Manual Integrations
APPROVED

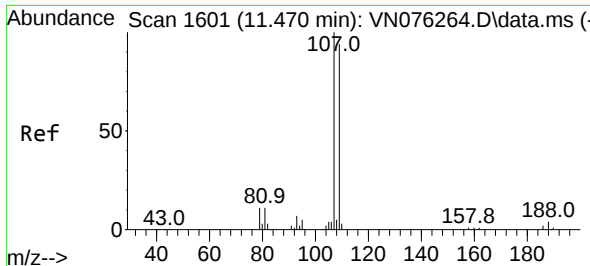
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#60
Dibromochloromethane
Concen: 51.492 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

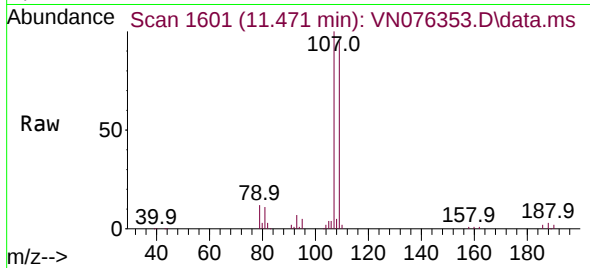
Tgt Ion:129 Resp: 245732
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 49.670 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

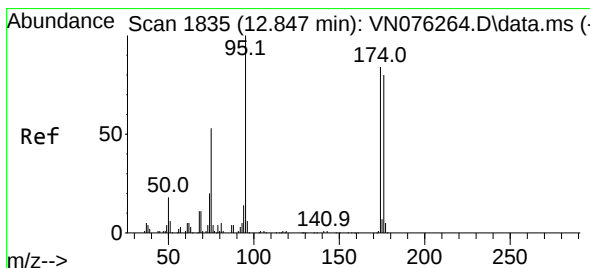
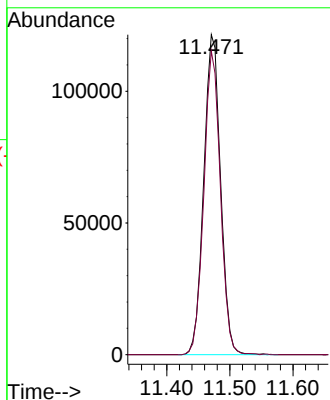
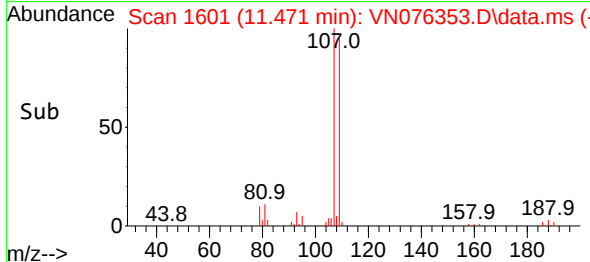
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 224760
Ion Ratio Lower Upper
107 100
109 93.4 76.0 114.0

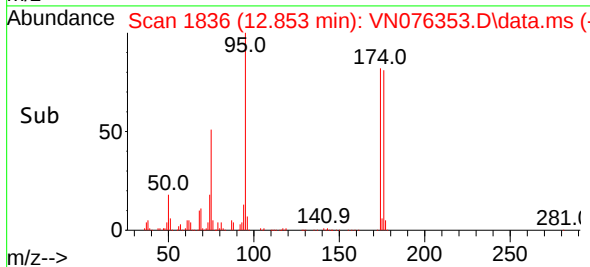
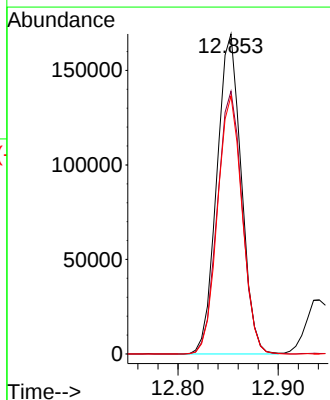
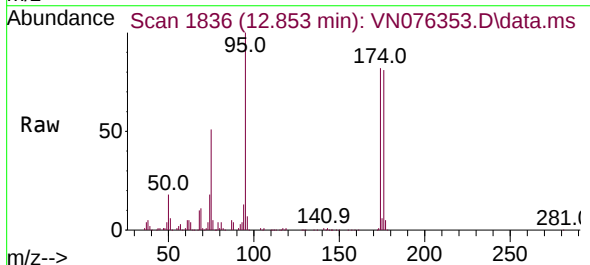
Manual Integrations
APPROVED

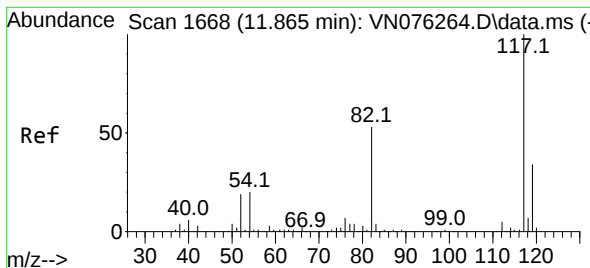
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#62
4-Bromofluorobenzene
Concen: 56.954 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion: 95 Resp: 286614
Ion Ratio Lower Upper
95 100
174 83.4 0.0 174.6
176 81.2 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 609970

Ion Ratio Lower Upper

117 100

82 52.8 42.2 63.2

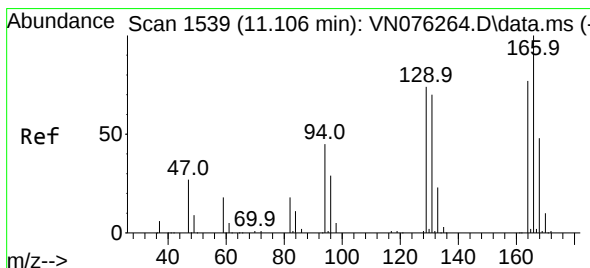
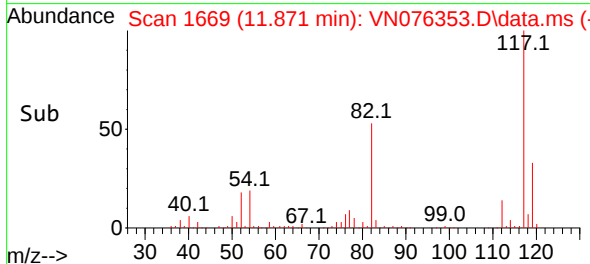
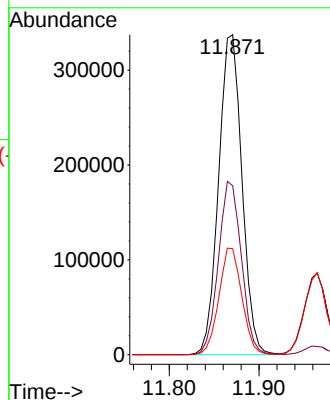
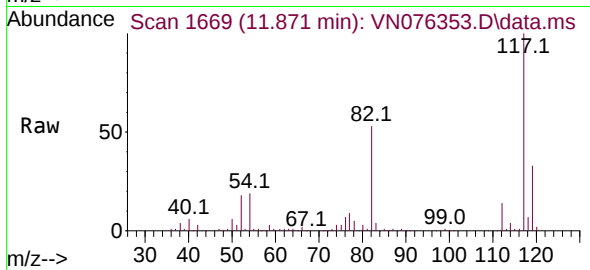
119 33.1 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#64

Tetrachloroethene

Concen: 40.879 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Tgt Ion:164 Resp: 224867

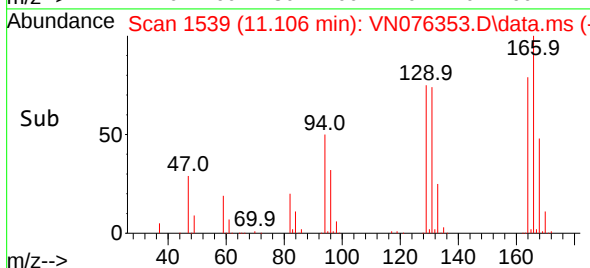
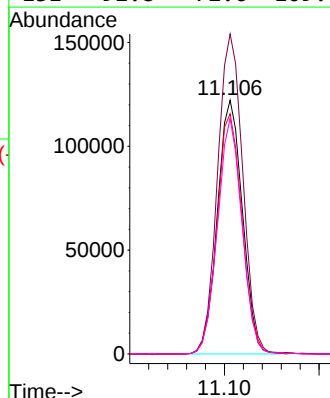
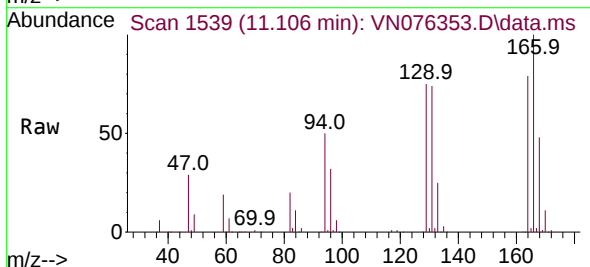
Ion Ratio Lower Upper

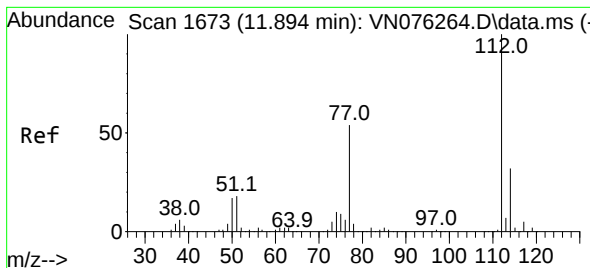
164 100

166 126.1 104.0 156.0

129 94.6 76.6 114.8

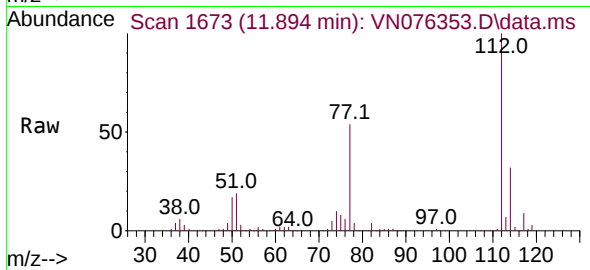
131 92.8 72.6 109.0





#65
Chlorobenzene
Concen: 46.078 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

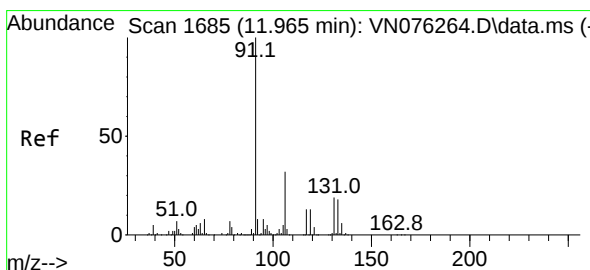
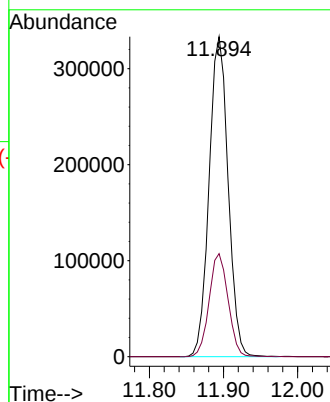
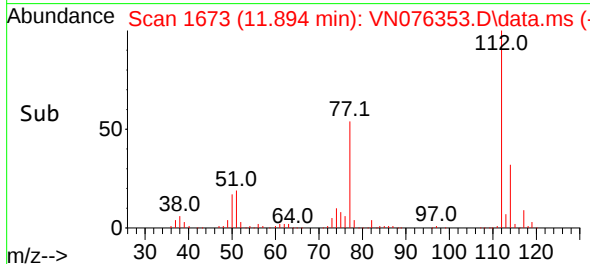
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 594130
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

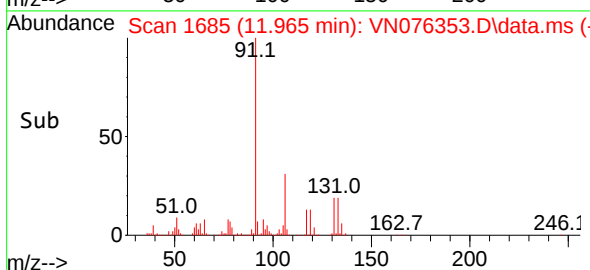
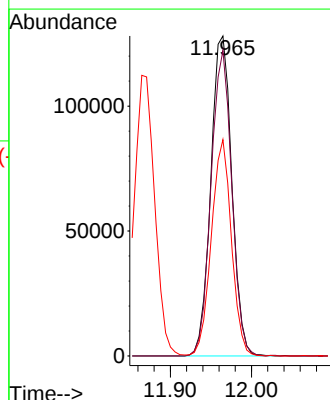
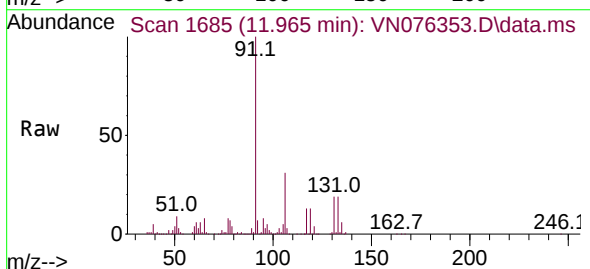
Manual Integrations
APPROVED

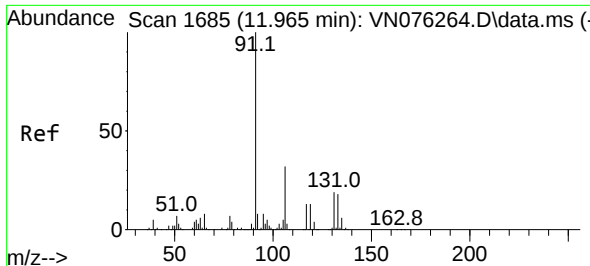
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.958 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion:131 Resp: 230072
Ion Ratio Lower Upper
131 100
133 94.1 47.4 142.2
119 64.6 32.3 96.8





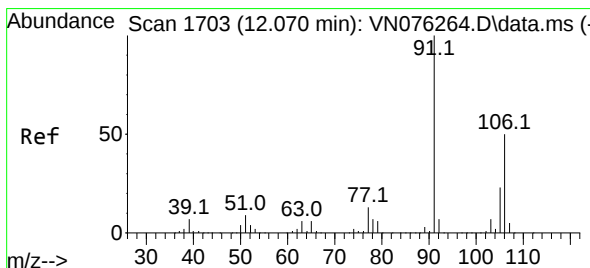
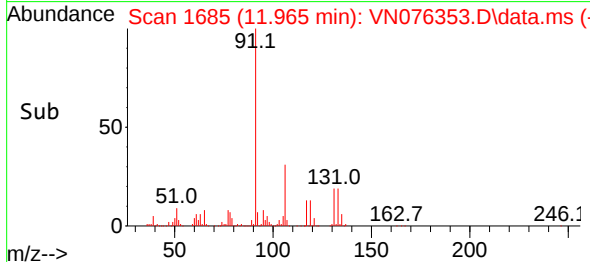
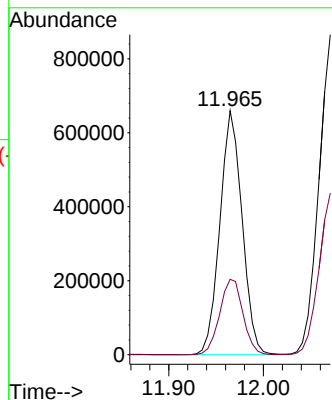
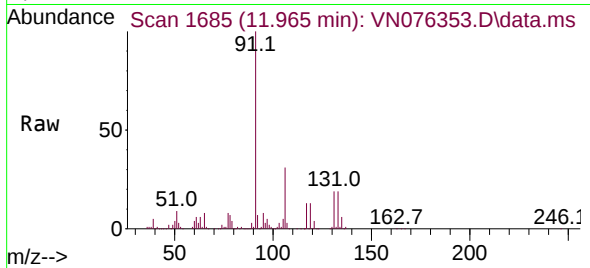
#67
Ethyl Benzene
Concen: 48.745 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 107569
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3

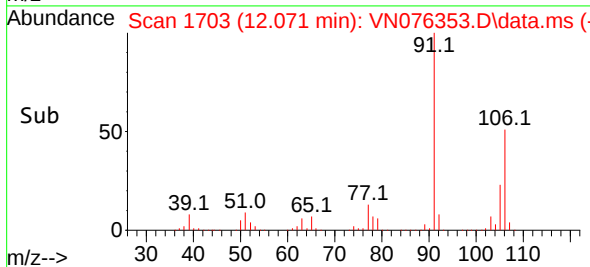
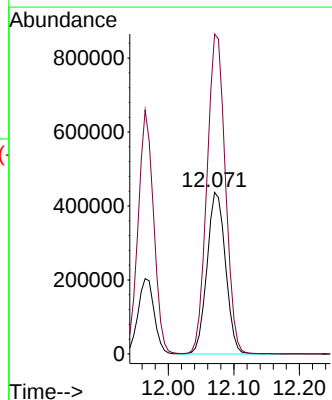
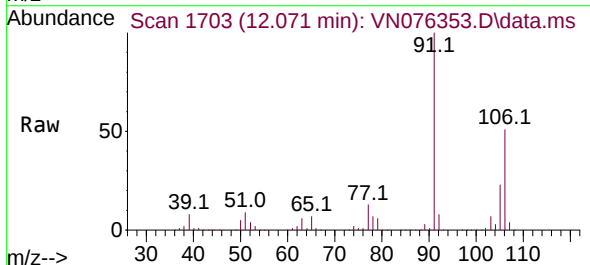
Manual Integrations
APPROVED

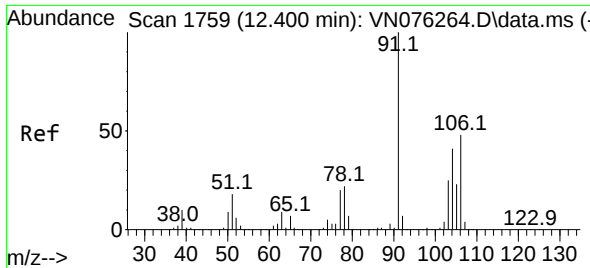
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#68
m/p-Xylenes
Concen: 96.710 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion:106 Resp: 855777
Ion Ratio Lower Upper
106 100
91 197.3 157.5 236.3





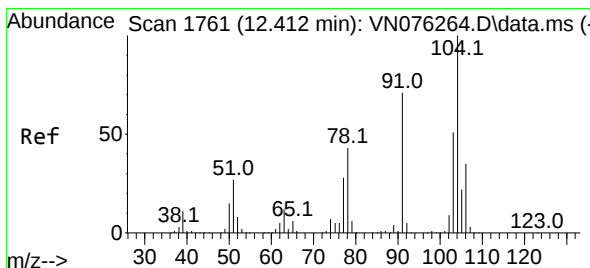
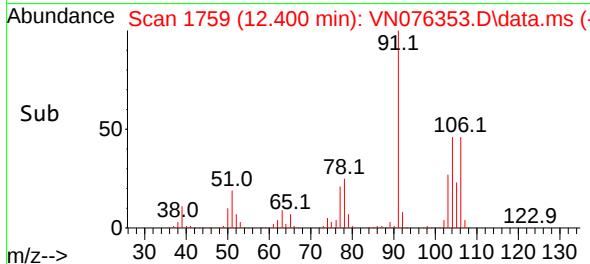
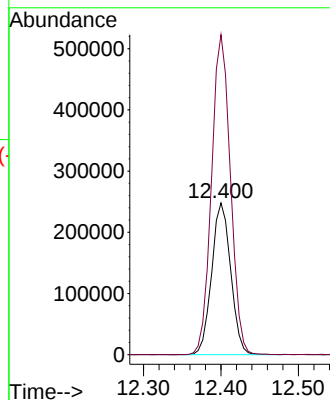
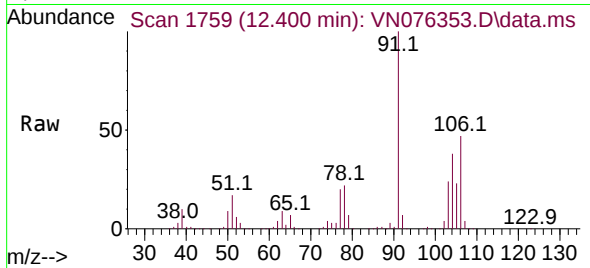
#69
o-Xylene
Concen: 48.795 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 42402
Ion Ratio Lower Upper
106 100
91 209.9 103.2 309.4

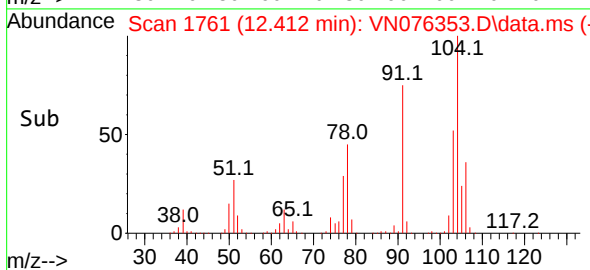
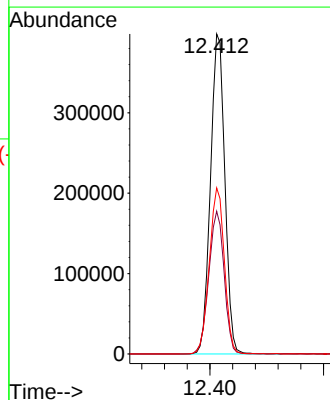
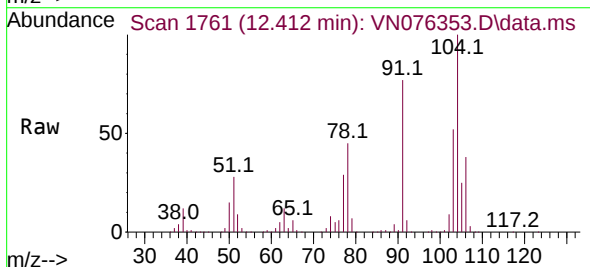
Manual Integrations
APPROVED

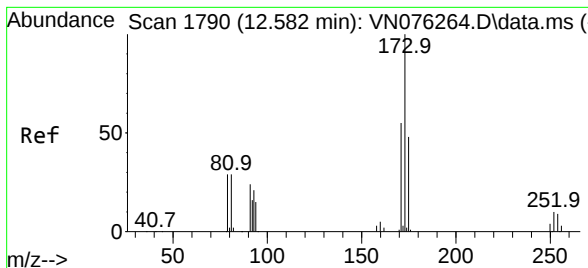
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#70
Styrene
Concen: 50.145 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

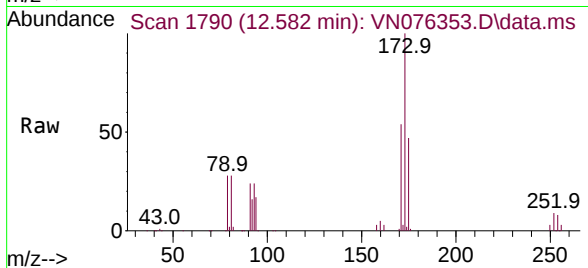
Tgt Ion:104 Resp: 695767
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.0
103 54.6 44.2 66.2





#71
Bromoform
Concen: 50.577 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

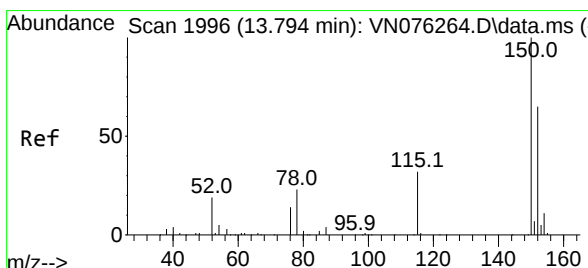
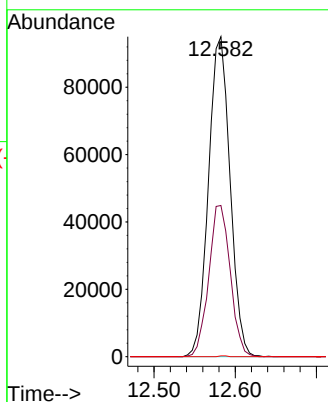
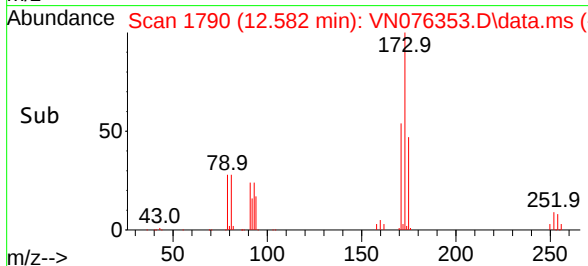
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



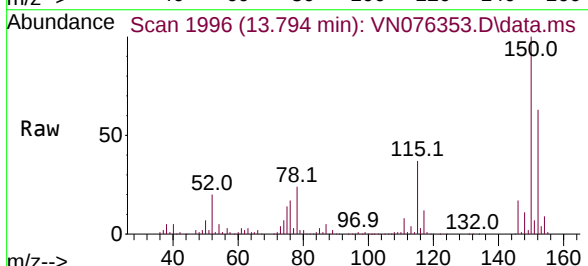
Tgt Ion:173 Resp: 175225
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

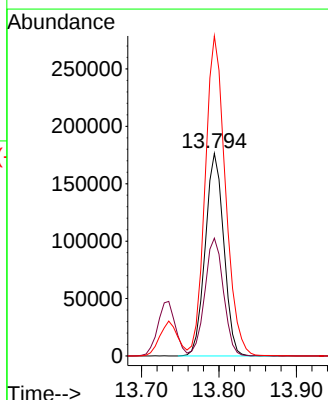
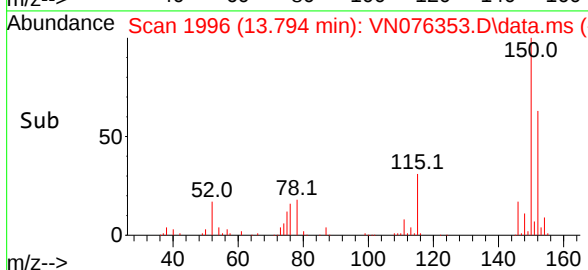
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

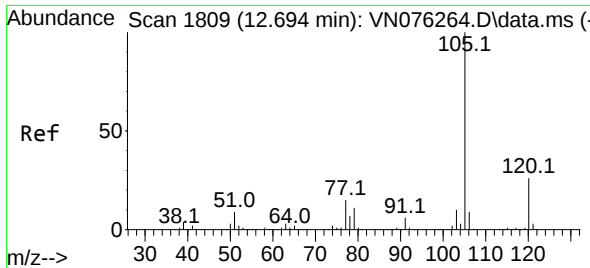


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30



Tgt Ion:152 Resp: 292559
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.9
150 173.1 0.0 351.4





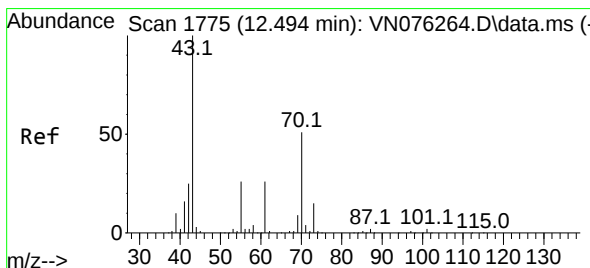
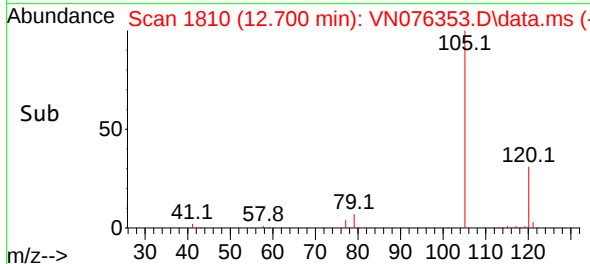
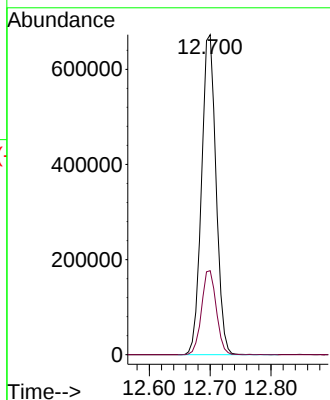
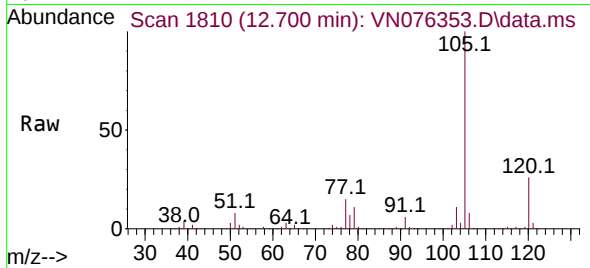
#73
Isopropylbenzene
Concen: 49.195 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 111340
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

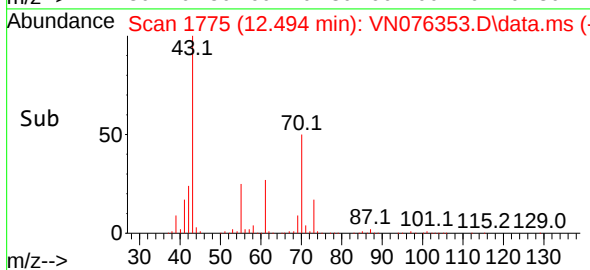
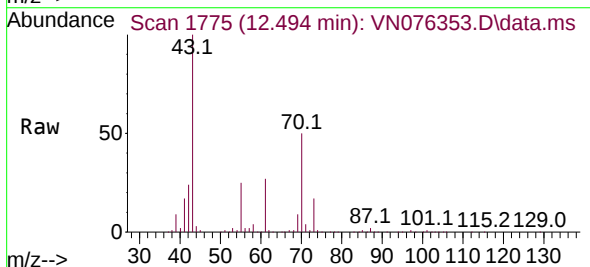
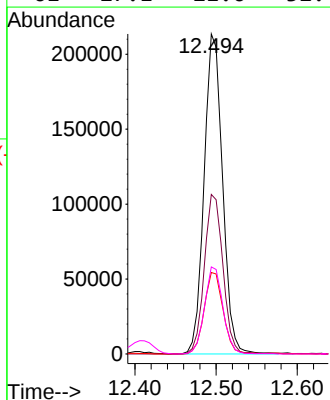
Manual Integrations
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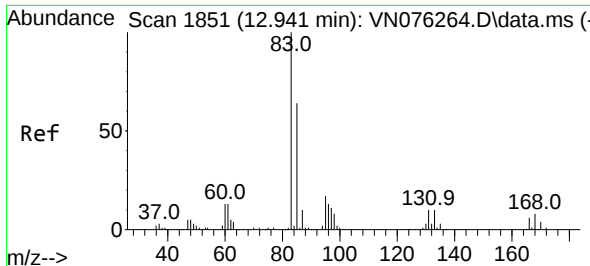
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#74
N-ethyl acetate
Concen: 51.812 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion: 43 Resp: 337308
Ion Ratio Lower Upper
43 100
70 50.4 41.2 61.8
55 26.1 21.0 31.6
61 27.1 21.6 32.4





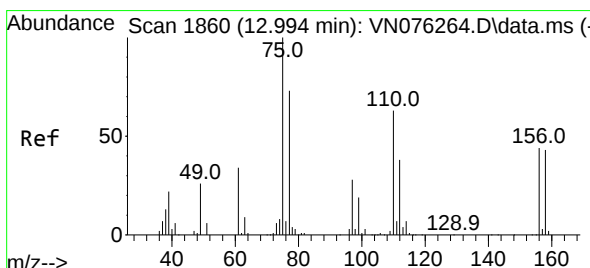
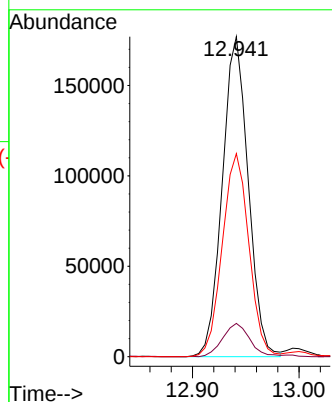
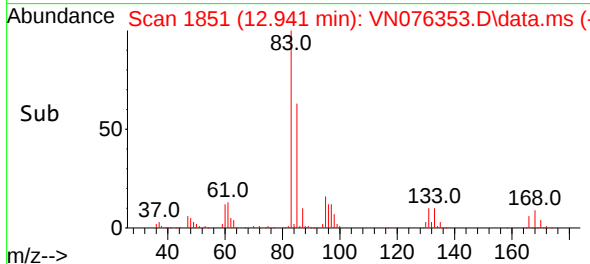
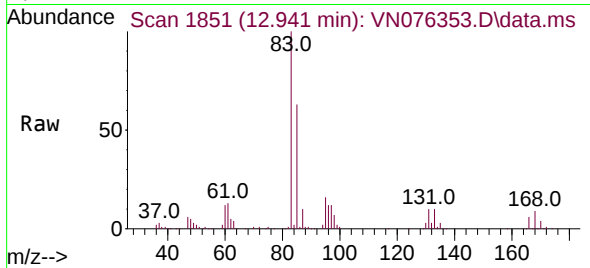
#75
1,1,2,2-Tetrachloroethane
Concen: 45.954 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 298989
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.4
85 65.1 31.7 95.1

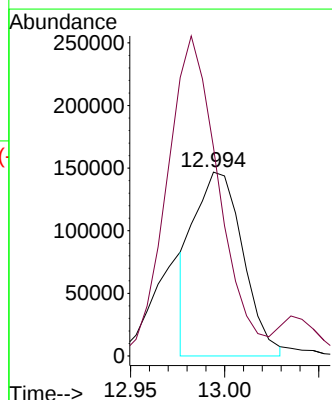
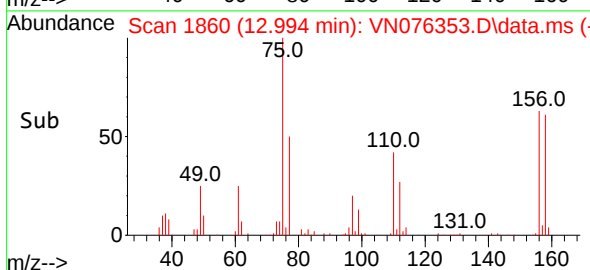
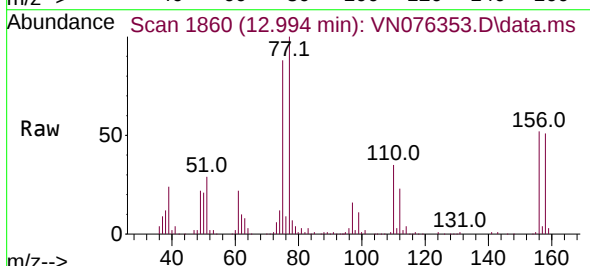
Manual Integrations
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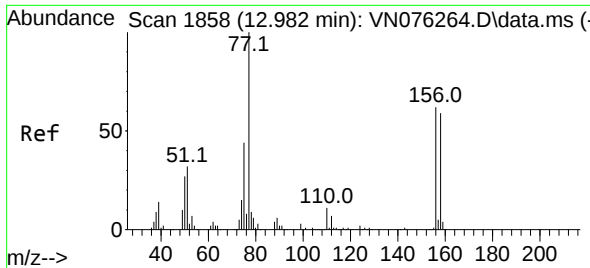
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#76
1,2,3-Trichloropropane
Concen: 49.973 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion: 75 Resp: 266341
Ion Ratio Lower Upper
75 100
77 184.8 75.2 225.6





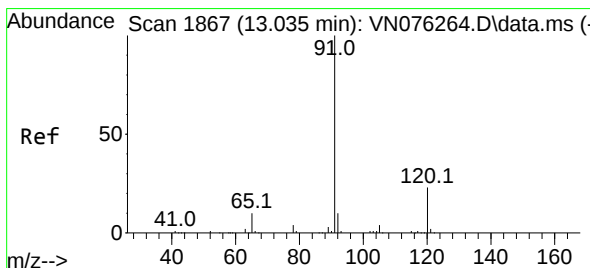
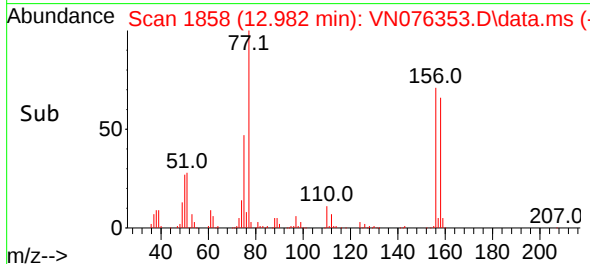
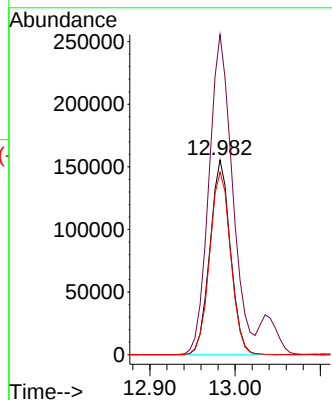
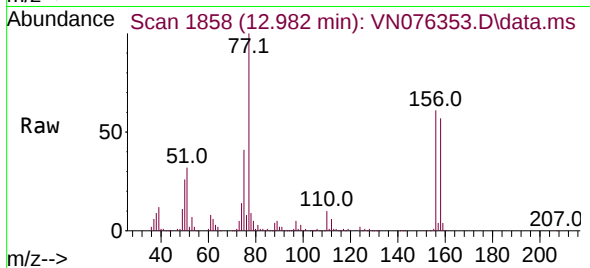
#77
Bromobenzene
Concen: 49.285 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 260824
Ion Ratio Lower Upper
156 100
77 188.7 93.4 280.2
158 95.8 48.4 145.2

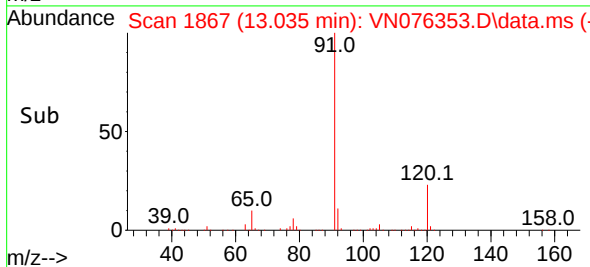
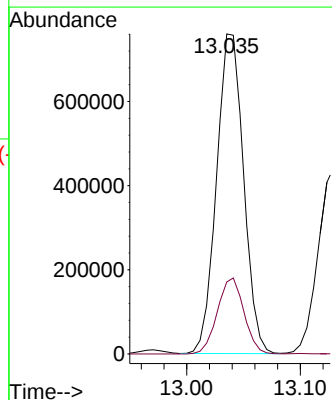
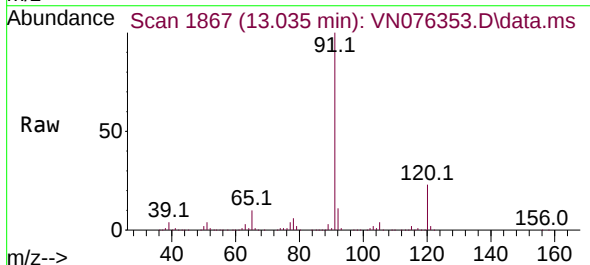
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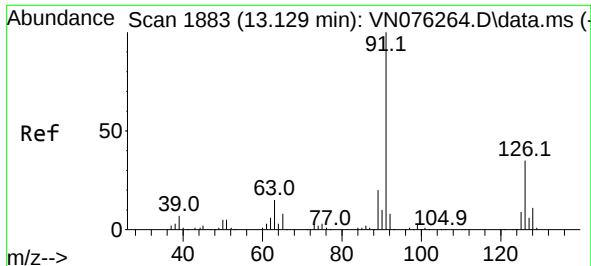
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#78
n-propylbenzene
Concen: 49.250 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion: 91 Resp: 1257696
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 47.540 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 744970

Ion Ratio Lower Upper

91 100

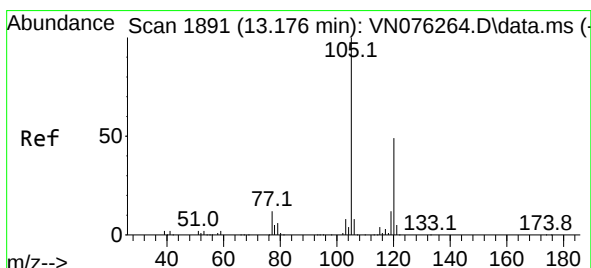
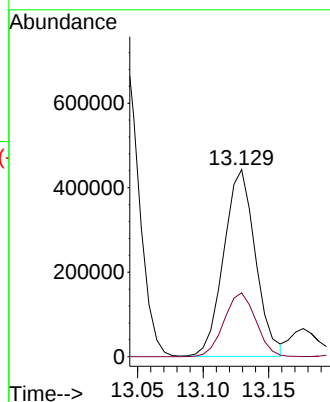
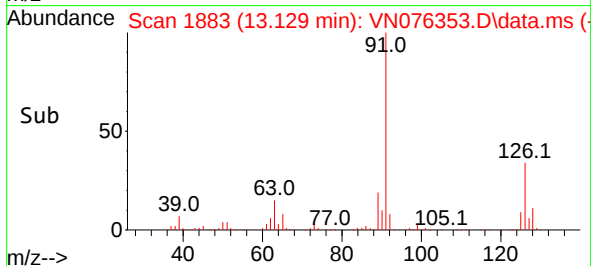
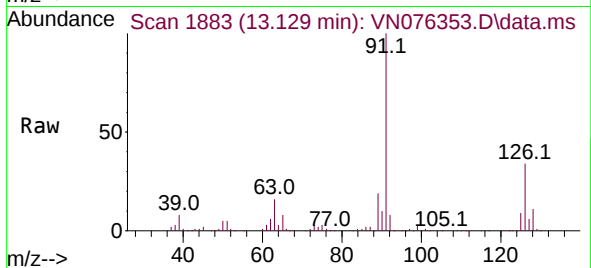
126 34.3 17.4 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#80

1,3,5-Trimethylbenzene

Concen: 49.126 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076353.D

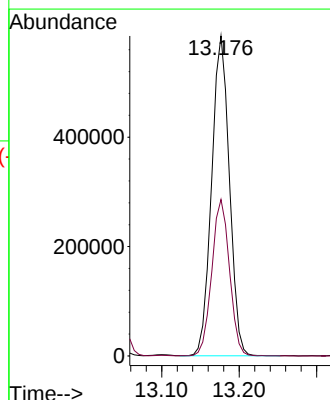
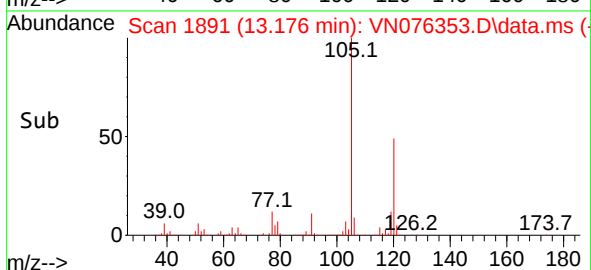
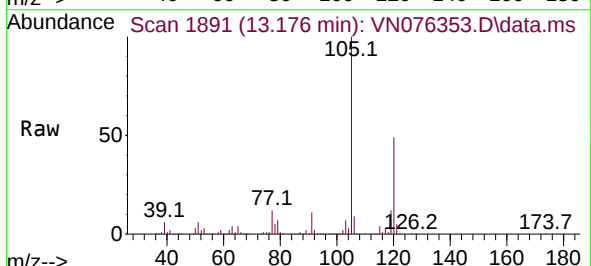
Acq: 20 Jan 2023 18:30

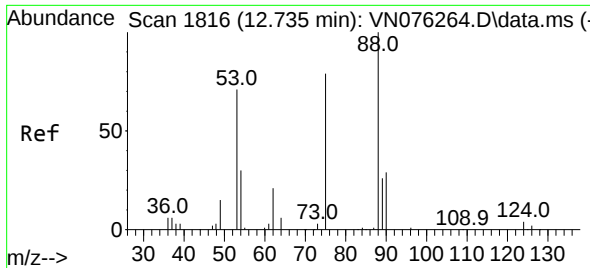
Tgt Ion:105 Resp: 931463

Ion Ratio Lower Upper

105 100

120 48.9 25.0 75.0





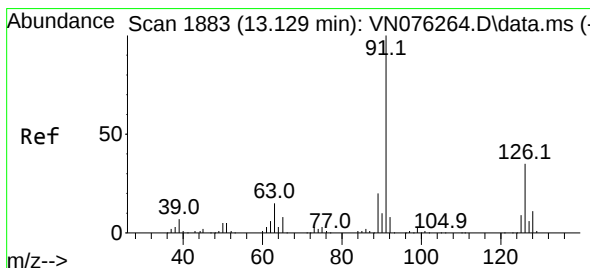
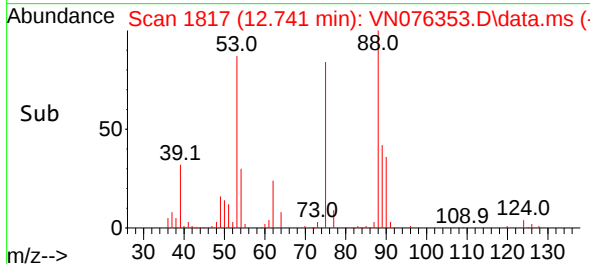
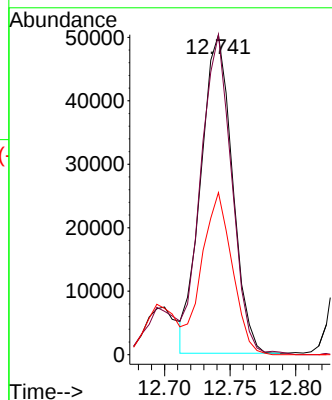
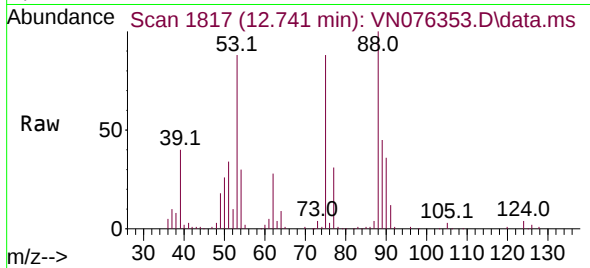
#81
trans-1,4-Dichloro-2-butene
Concen: 47.632 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 83754
Ion Ratio Lower Upper
75 100
53 98.5 75.8 113.8
89 49.7 37.0 55.6

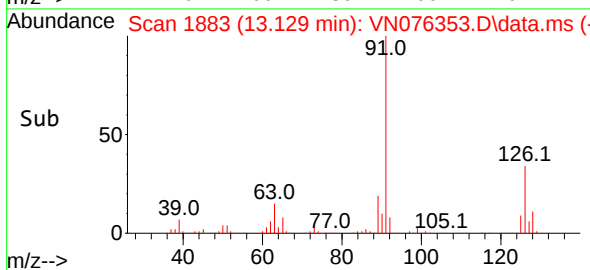
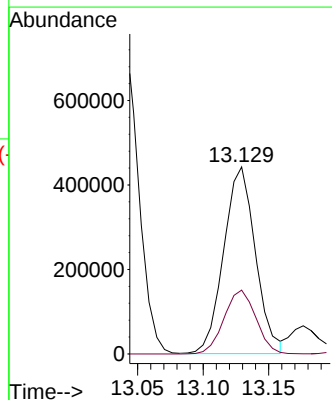
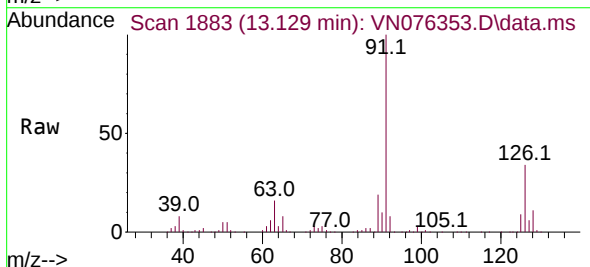
Manual Integrations
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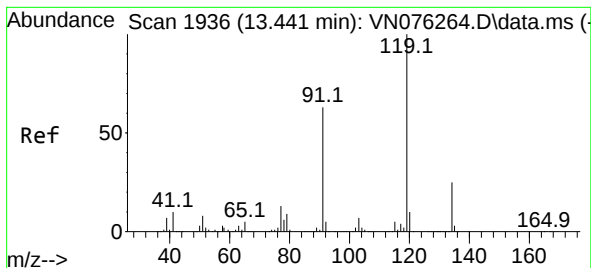
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#82
4-Chlorotoluene
Concen: 47.540 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Tgt Ion: 91 Resp: 744970
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2





#83

tert-Butylbenzene

Concen: 50.424 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 85033

Ion Ratio Lower Upper

119 100

91 64.0 32.2 96.6

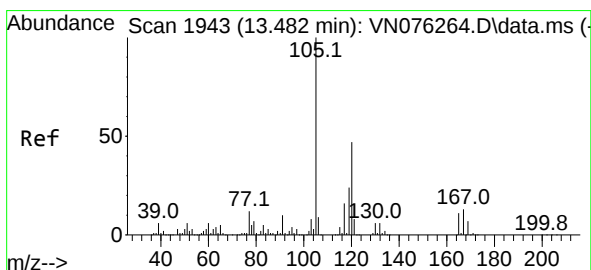
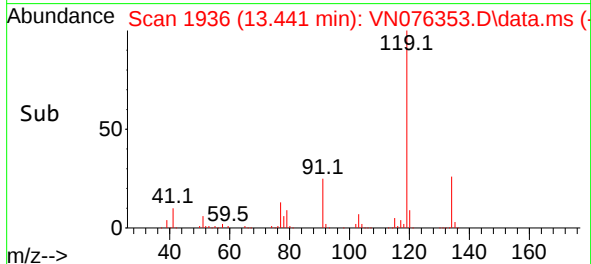
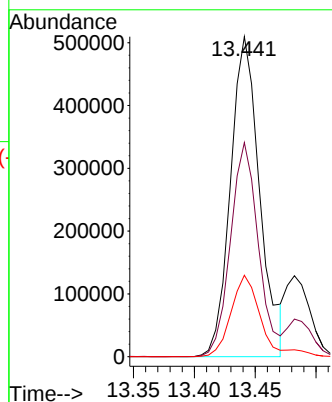
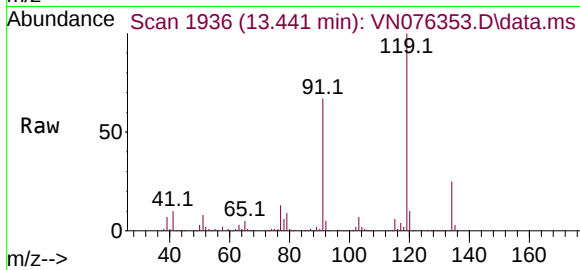
134 26.0 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#84

1,2,4-Trimethylbenzene

Concen: 48.884 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076353.D

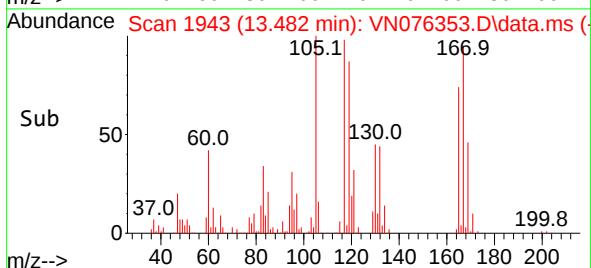
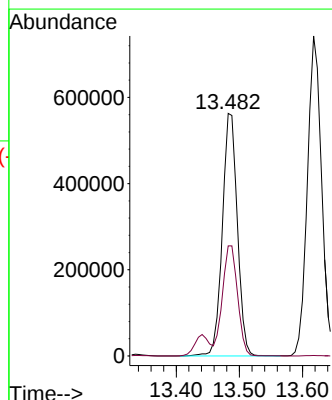
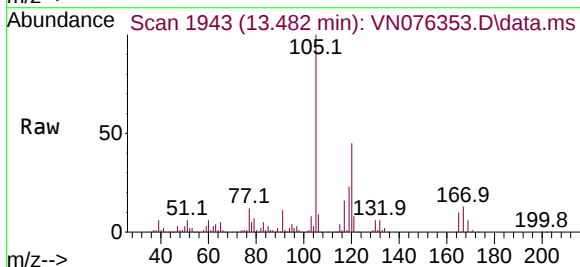
Acq: 20 Jan 2023 18:30

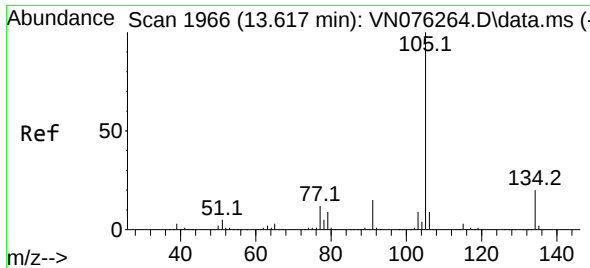
Tgt Ion:105 Resp: 929403

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 49.464 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076353.D
 Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

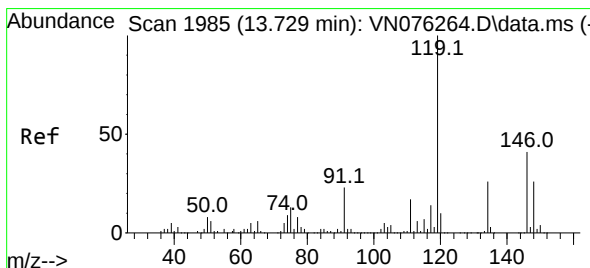
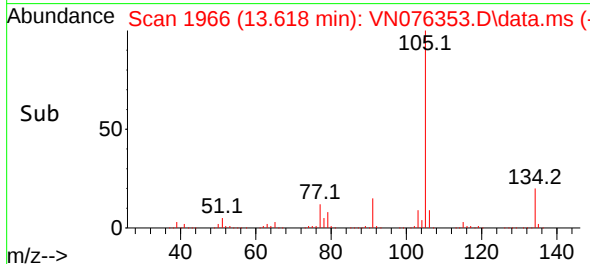
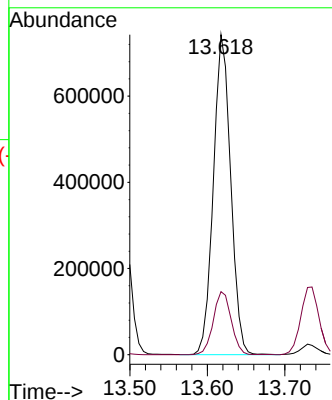
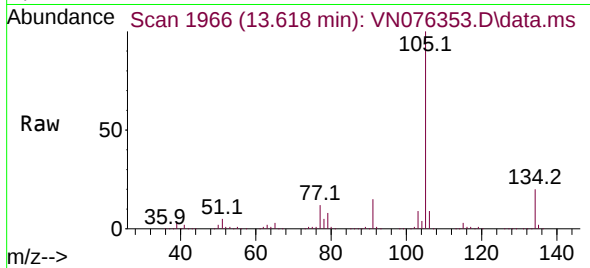
VSTDCCC050EC

Tgt Ion:105 Resp: 115744
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

Manual Integrations

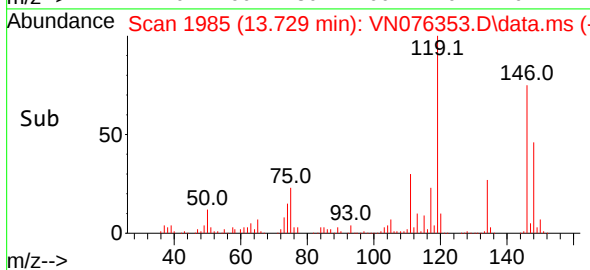
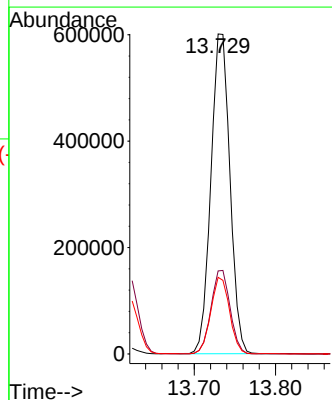
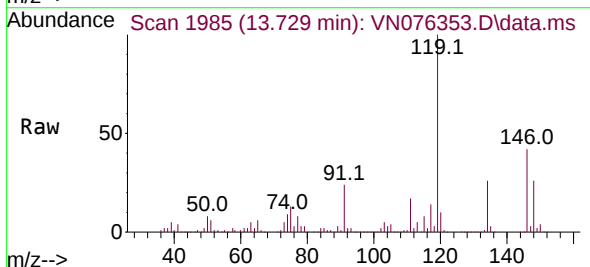
APPROVED

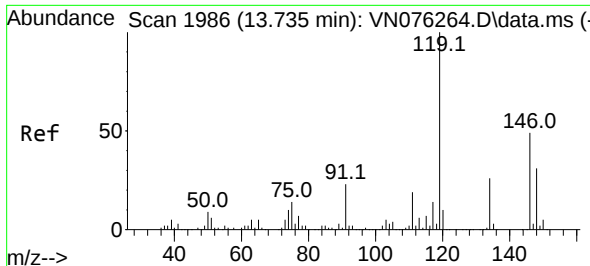
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#86
 p-Isopropyltoluene
 Concen: 50.859 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076353.D
 Acq: 20 Jan 2023 18:30

Tgt Ion:119 Resp: 978638
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 44.652 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 47632

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

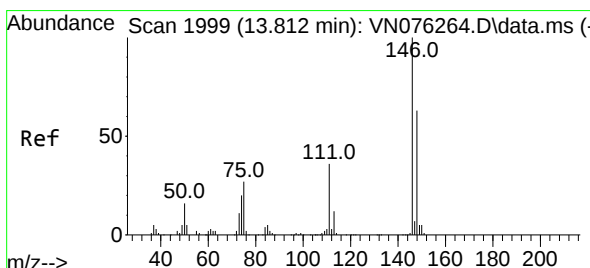
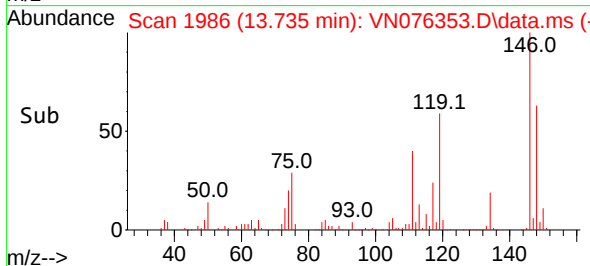
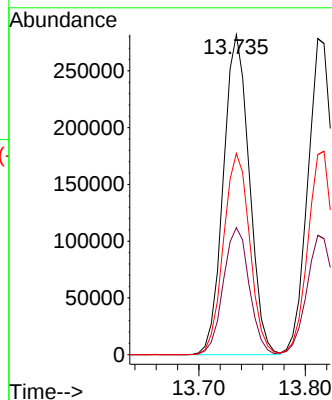
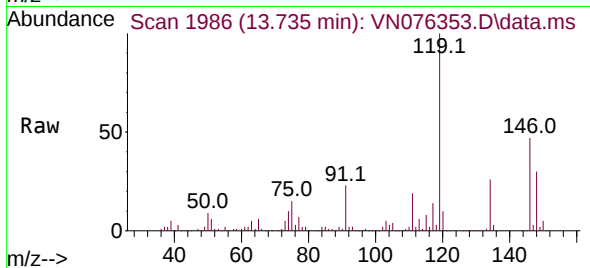
148 63.7 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#88

1,4-Dichlorobenzene

Concen: 46.368 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

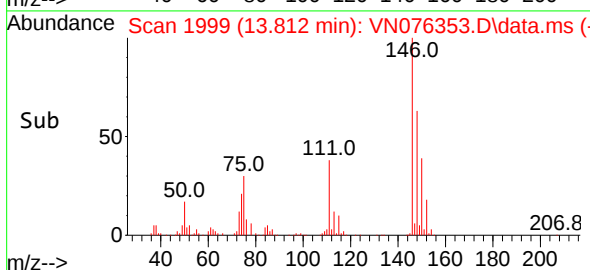
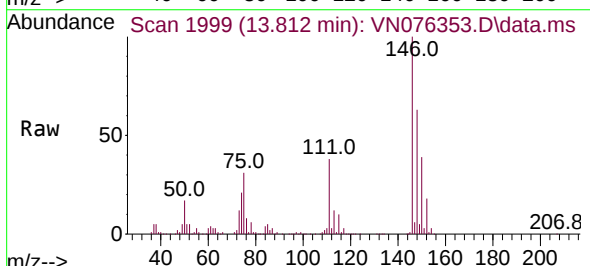
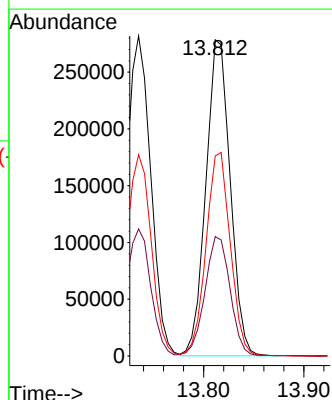
Tgt Ion:146 Resp: 470449

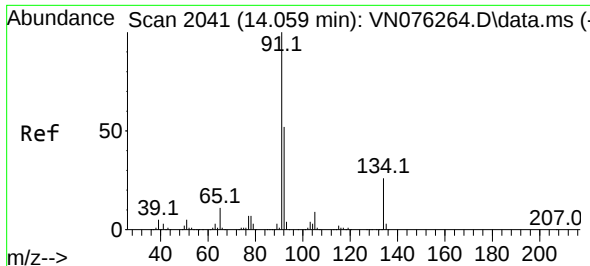
Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.5

148 64.5 31.9 95.9





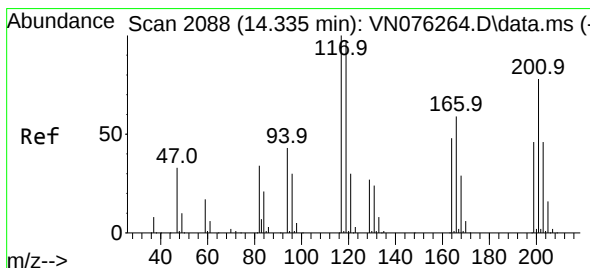
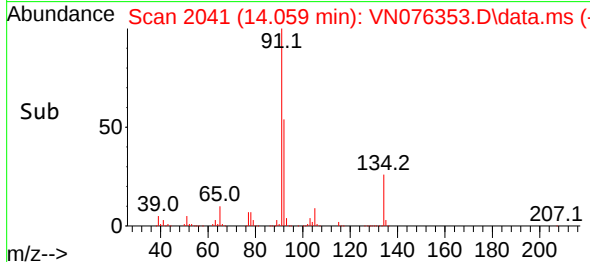
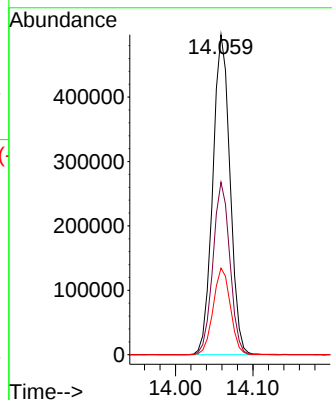
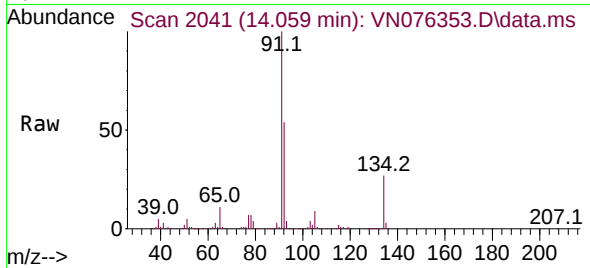
#89
n-Butylbenzene
Concen: 50.237 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 767369
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 27.0 13.2 39.5

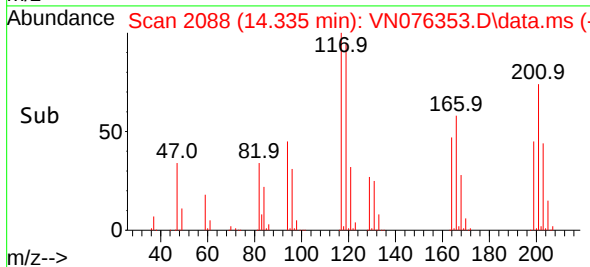
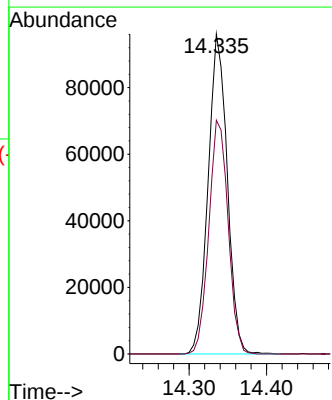
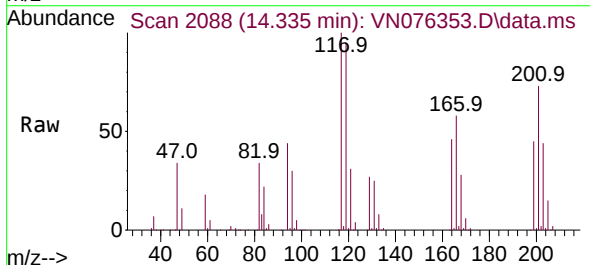
Manual Integrations
APPROVED

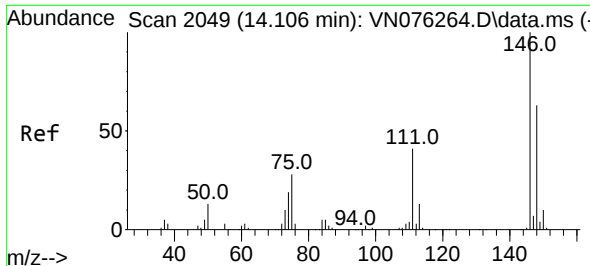
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#90
Hexachloroethane
Concen: 49.706 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

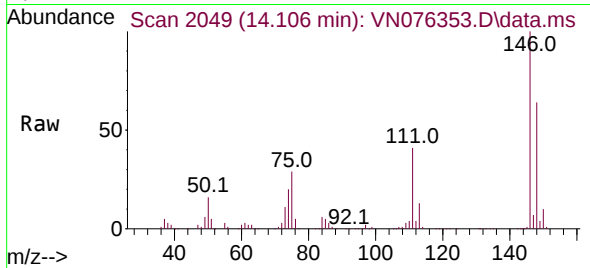
Tgt Ion:117 Resp: 165076
Ion Ratio Lower Upper
117 100
201 73.5 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 44.013 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

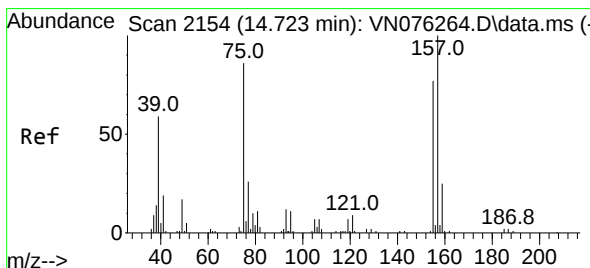
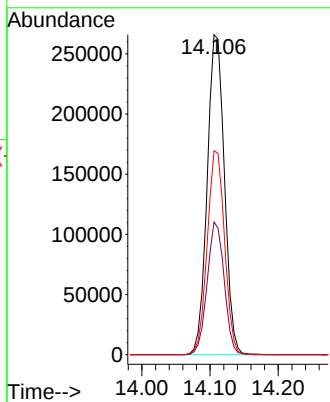
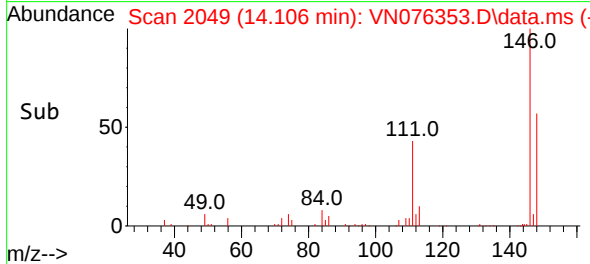
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



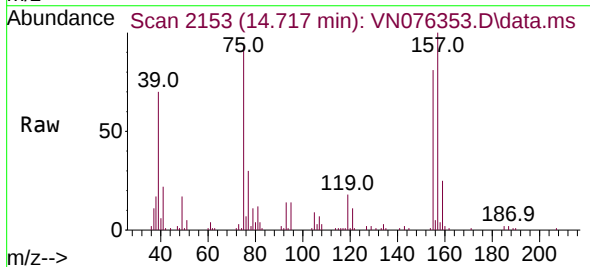
Tgt Ion:146 Resp: 467623
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.8
148 64.3 31.8 95.4

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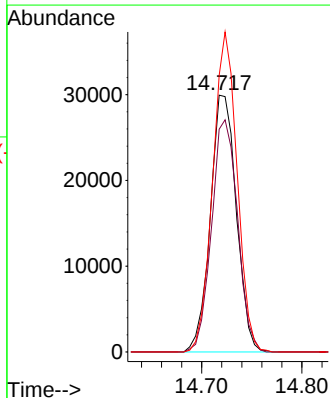
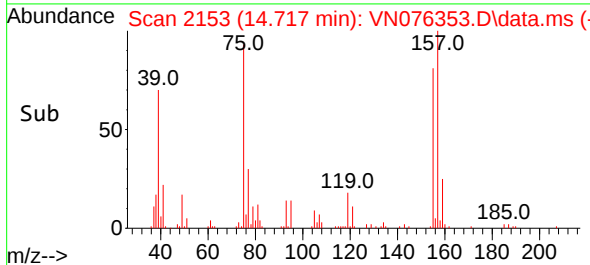
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

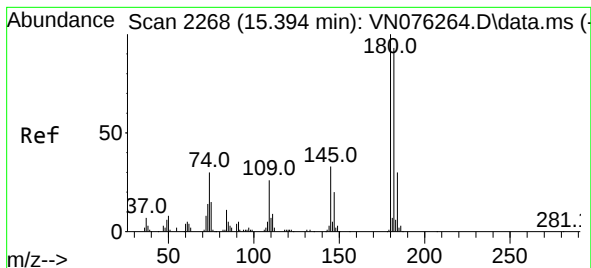


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.662 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30



Tgt Ion: 75 Resp: 53903
Ion Ratio Lower Upper
75 100
155 90.3 45.0 135.0
157 116.5 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 44.542 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076353.D

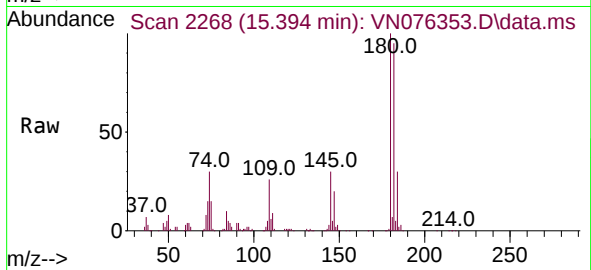
Acq: 20 Jan 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 227919

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

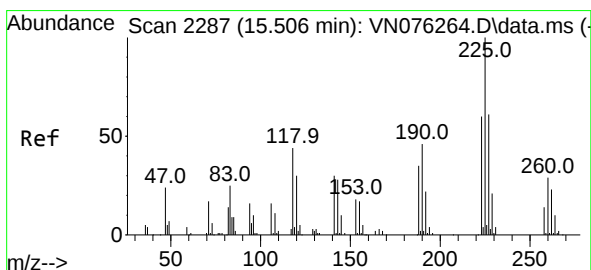
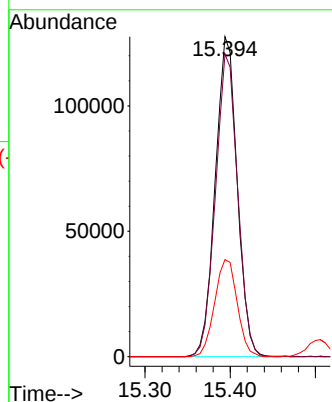
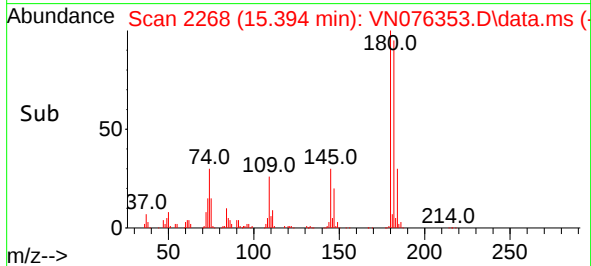
145 31.3 15.2 45.5

Manual Integrations

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Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#94

Hexachlorobutadiene

Concen: 43.034 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076353.D

Acq: 20 Jan 2023 18:30

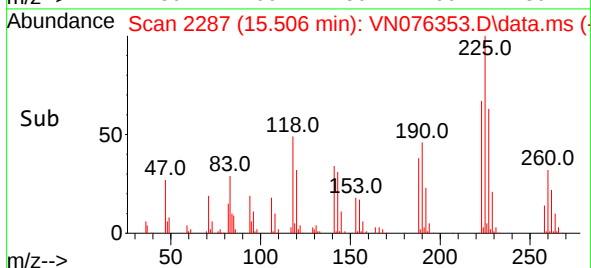
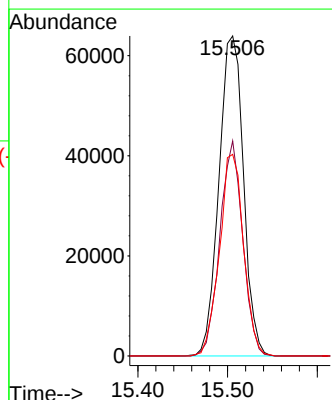
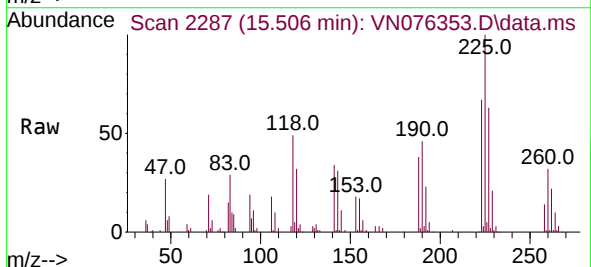
Tgt Ion:225 Resp: 121334

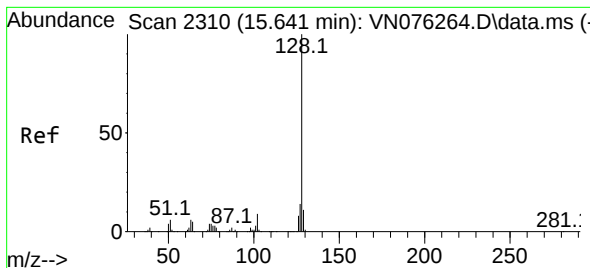
Ion Ratio Lower Upper

225 100

223 62.7 30.8 92.3

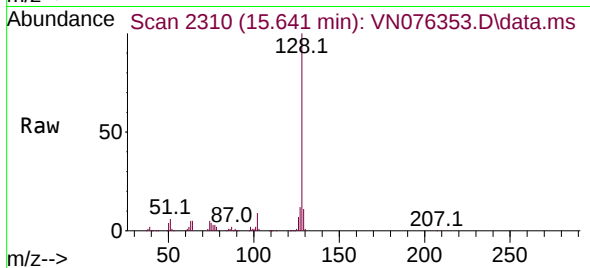
227 62.0 30.9 92.8





#95
Naphthalene
Concen: 44.521 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30

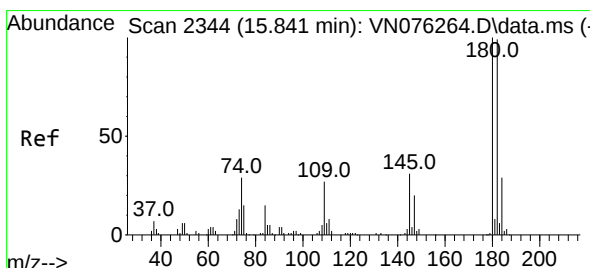
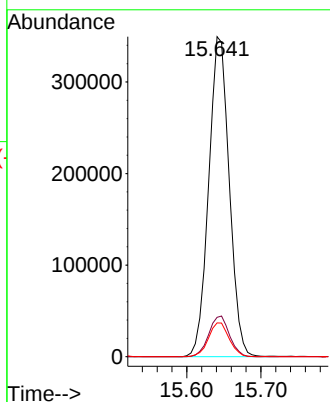
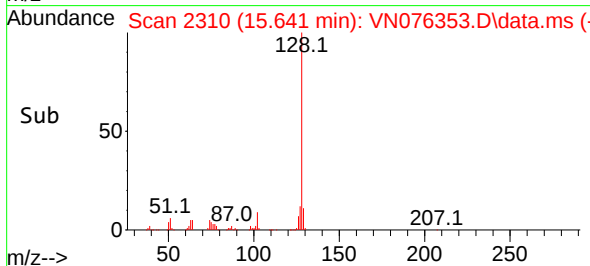
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



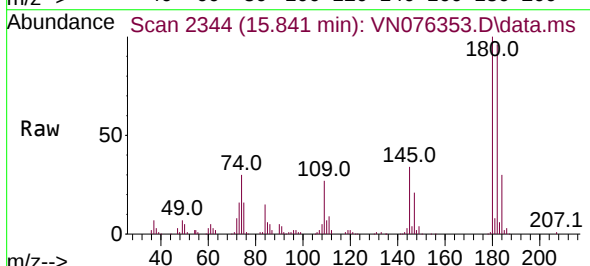
Tgt Ion:128 Resp: 673578
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 44.545 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076353.D
Acq: 20 Jan 2023 18:30



Tgt Ion:180 Resp: 217352
Ion Ratio Lower Upper
180 100
182 97.6 47.5 142.5
145 33.2 15.9 47.6

