

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076355.D
 Acq On : 23 Jan 2023 10:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jan 23 12:59:06 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)

Internal Standards						
1) Pentafluorobenzene	8.230	168	360494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	576114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	518968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	203781	50.486	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.980%			
35) Dibromofluoromethane	8.171	113	180722	50.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	10.571	98	675909	50.784	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.560%			
62) 4-Bromofluorobenzene	12.853	95	232157	53.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	165184	44.714	ug/l	97
3) Chloromethane	2.371	50	171598	44.864	ug/l	98
4) Vinyl Chloride	2.530	62	225300	48.039	ug/l	100
5) Bromomethane	2.953	94	187464	48.810	ug/l	100
6) Chloroethane	3.124	64	172851	49.150	ug/l	98
7) Trichlorofluoromethane	3.512	101	292894	45.394	ug/l	100
8) Diethyl Ether	3.977	74	105220	48.619	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	168211	46.052	ug/l	99
10) Methyl Iodide	4.600	142	254948	45.695	ug/l	99
11) Tert butyl alcohol	5.536	59	112279	207.965	ug/l	98
12) 1,1-Dichloroethene	4.353	96	154449	44.731	ug/l	87
13) Acrolein	4.189	56	132444	205.129	ug/l	99
14) Allyl chloride	5.042	41	193940	48.198	ug/l	99
15) Acrylonitrile	5.730	53	352914	229.707	ug/l	100
16) Acetone	4.442	43	319575	246.976	ug/l	99
17) Carbon Disulfide	4.730	76	392101	45.607	ug/l	97
18) Methyl Acetate	5.036	43	192303	43.853	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	544250	48.417	ug/l	98
20) Methylene Chloride	5.283	84	188691	49.273	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	166879	44.612	ug/l	98
22) Diisopropyl ether	6.683	45	476415	50.206	ug/l	97
23) Vinyl Acetate	6.612	43	1496210	243.970	ug/l	97
24) 1,1-Dichloroethane	6.583	63	298665	47.218	ug/l	98
25) 2-Butanone	7.488	43	452452	228.945	ug/l	97
26) 2,2-Dichloropropane	7.500	77	267397	50.158	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	203584	46.664	ug/l	98
28) Bromochloromethane	7.818	49	139665	54.477	ug/l	98
29) Tetrahydrofuran	7.847	42	290365	238.061	ug/l	97
30) Chloroform	7.971	83	335849	47.986	ug/l	99
31) Cyclohexane	8.265	56	258600	41.706	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	309257	48.398	ug/l	97
36) 1,1-Dichloropropene	8.377	75	238363	46.547	ug/l	99
37) Ethyl Acetate	7.565	43	185932	45.270	ug/l	98
38) Carbon Tetrachloride	8.371	117	281838	49.353	ug/l	98
39) Methylcyclohexane	9.606	83	302854	48.429	ug/l	97
40) Benzene	8.612	78	718544	46.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	101965	47.411	ug/l	97
42) 1,2-Dichloroethane	8.677	62	247775	47.293	ug/l	99
43) Isopropyl Acetate	8.694	43	317807	47.561	ug/l	99
44) Trichloroethene	9.359	130	193216	44.614	ug/l	96
45) 1,2-Dichloropropane	9.624	63	172983	47.184	ug/l	96
46) Dibromomethane	9.712	93	128757	46.517	ug/l	98
47) Bromodichloromethane	9.894	83	273679	50.978	ug/l	98
48) Methyl methacrylate	9.682	41	152492	48.205	ug/l	97
49) 1,4-Dioxane	9.694	88	63386	949.611	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	949464	242.048	ug/l	99
52) Toluene	10.635	92	475280	46.414	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	274554	53.647	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	301979	51.289	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	183807	46.960	ug/l	97
56) Ethyl methacrylate	10.876	69	254680	50.400	ug/l	99
57) 1,3-Dichloropropane	11.165	76	303745	47.753	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	407937	239.131	ug/l	100
59) 2-Hexanone	11.200	43	672934	236.736	ug/l	100
60) Dibromochloromethane	11.359	129	221168	53.678	ug/l	99
61) 1,2-Dibromoethane	11.470	107	188417	48.227	ug/l	98
64) Tetrachloroethene	11.106	164	199982	42.730	ug/l	99
65) Chlorobenzene	11.894	112	502748	45.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	202640	49.646	ug/l	99
67) Ethyl Benzene	11.965	91	922831	49.151	ug/l	99
68) m/p-Xylenes	12.070	106	725094	96.311	ug/l	100
69) o-Xylene	12.400	106	358434	48.480	ug/l	99
70) Styrene	12.412	104	588955	49.890	ug/l	99
71) Bromoform	12.582	173	160379	54.409	ug/l #	99
73) Isopropylbenzene	12.700	105	934631	48.581	ug/l	100
74) N-amyl acetate	12.494	43	264210	47.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	251056	45.394	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	222560m	49.108	ug/l	
77) Bromobenzene	12.982	156	216695	48.156	ug/l	97
78) n-propylbenzene	13.041	91	1072268	49.396	ug/l	99
79) 2-Chlorotoluene	13.129	91	618883	46.461	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	789818	49.004	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	77957	52.157	ug/l	97
82) 4-Chlorotoluene	13.129	91	618883	46.461	ug/l	99
83) tert-Butylbenzene	13.441	119	707593	49.362	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	785620	48.611	ug/l	100
85) sec-Butylbenzene	13.617	105	984375	49.489	ug/l	100
86) p-Isopropyltoluene	13.735	119	840639	51.395	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	412020	45.438	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	400166	46.399	ug/l	98
89) n-Butylbenzene	14.059	91	687301	52.933	ug/l	100
90) Hexachloroethane	14.335	117	158599	56.181	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	401028	44.403	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45551	47.382	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	204174	46.870	ug/l	99
94) Hexachlorobutadiene	15.506	225	108834	45.410	ug/l	96
95) Naphthalene	15.647	128	570056	44.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	196268	47.248	ug/l	99

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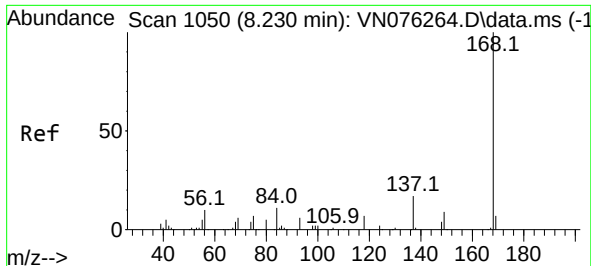
Manual Integrations
APPROVED

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QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

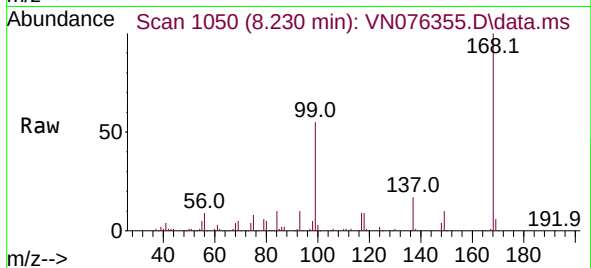
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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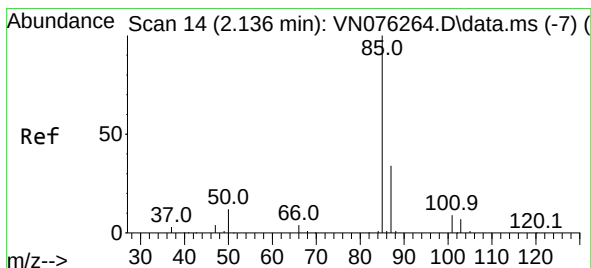
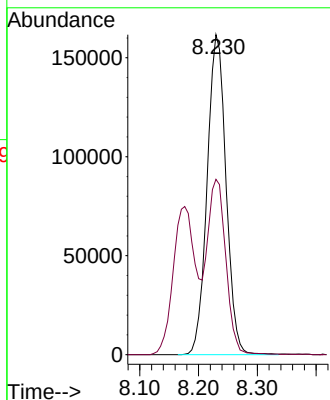
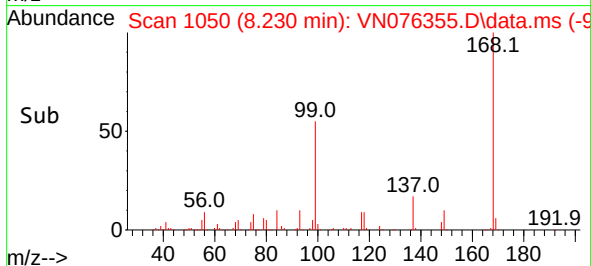
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



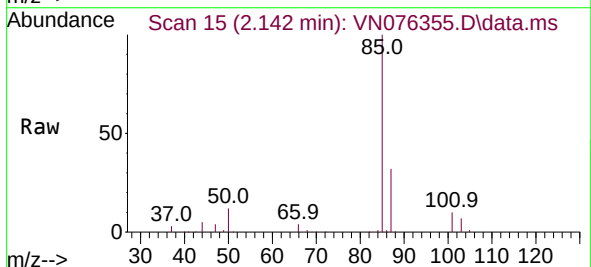
Tgt Ion:168 Resp: 360494
Ion Ratio Lower Upper
168 100
99 54.6 41.6 62.4

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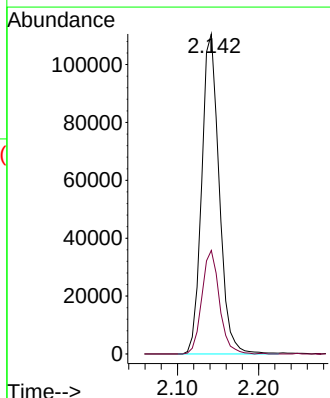
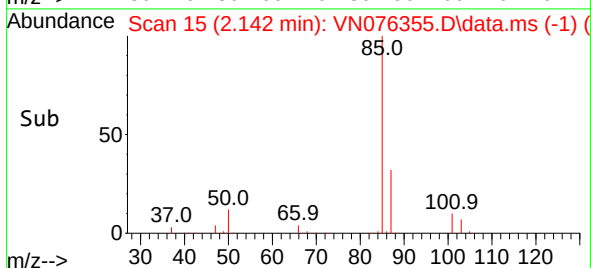
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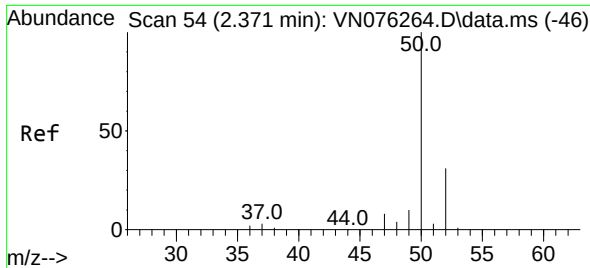


#2
Dichlorodifluoromethane
Concen: 44.714 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion: 85 Resp: 165184
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.2





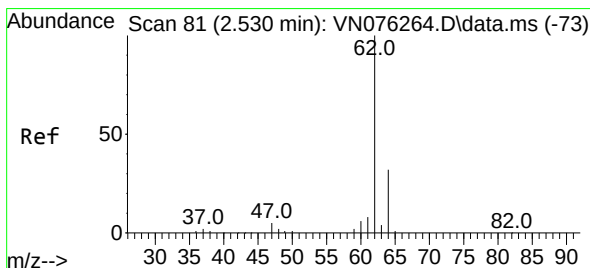
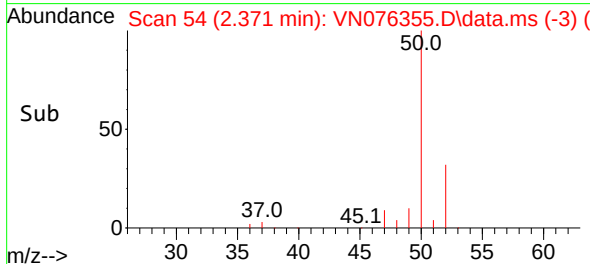
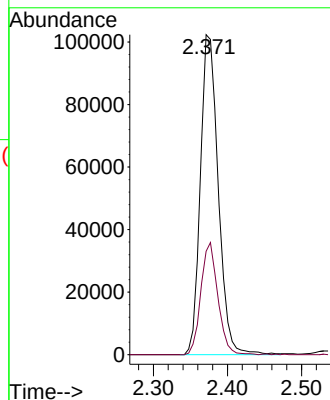
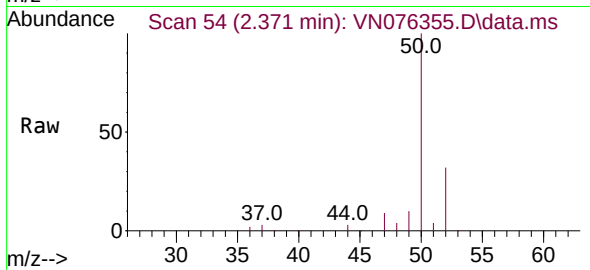
#3
Chloromethane
Concen: 44.864 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 171598
Ion Ratio Lower Upper
50 100
52 32.3 24.8 37.2

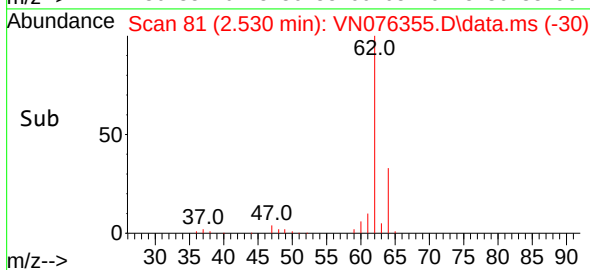
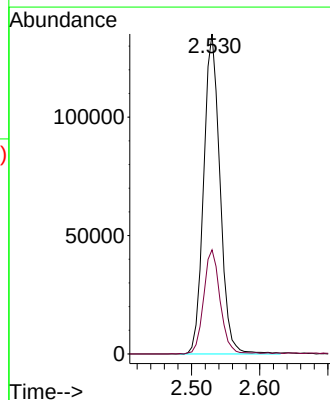
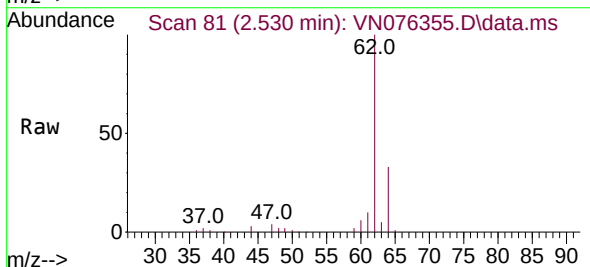
Manual Integrations
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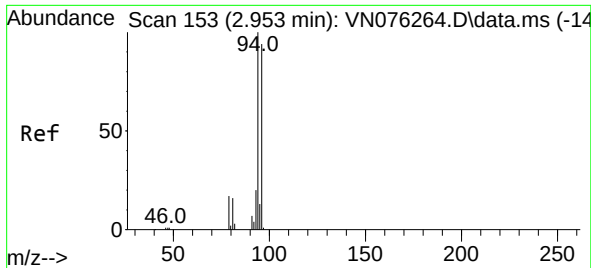
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#4
Vinyl Chloride
Concen: 48.039 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

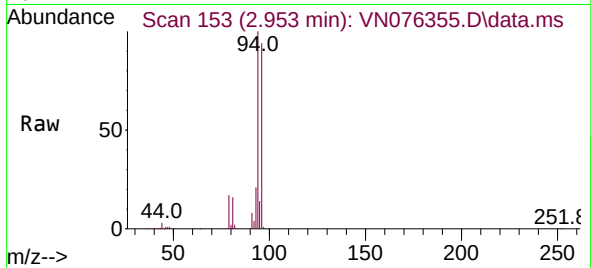
Tgt Ion: 62 Resp: 225300
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





#5
Bromomethane
Concen: 48.810 ug/l
RT: 2.953 min Scan# 153
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

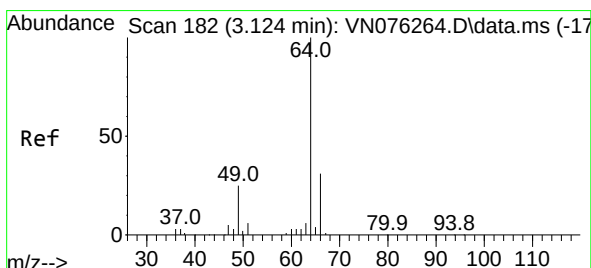
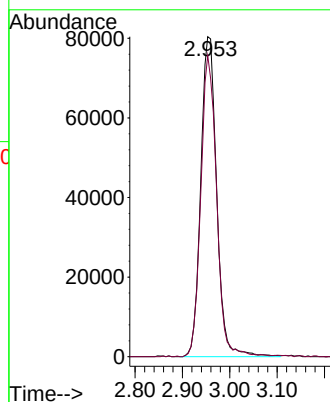
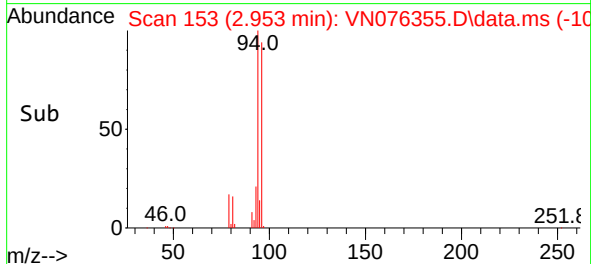
Instrument :
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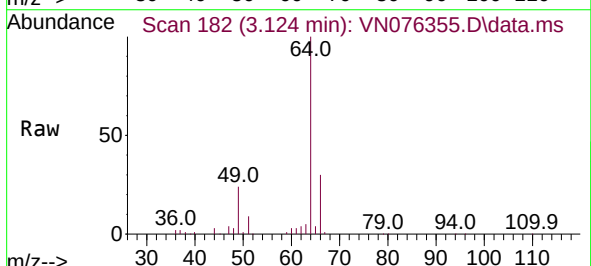
Tgt Ion: 94 Resp: 187464
Ion Ratio Lower Upper
94 100
96 94.2 75.1 112.7

Manual Integrations
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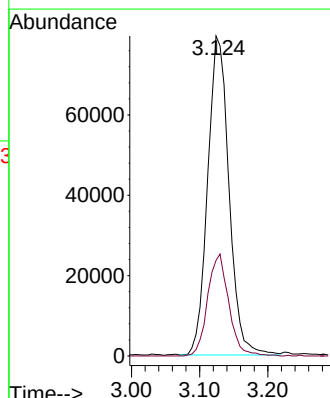
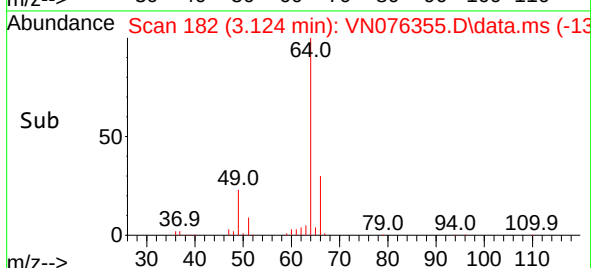
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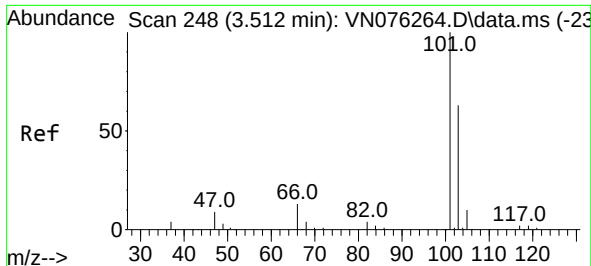


#6
Chloroethane
Concen: 49.150 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
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Acq: 23 Jan 2023 10:17



Tgt Ion: 64 Resp: 172851
Ion Ratio Lower Upper
64 100
66 29.9 24.8 37.2





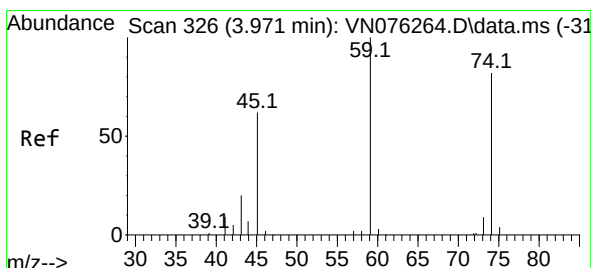
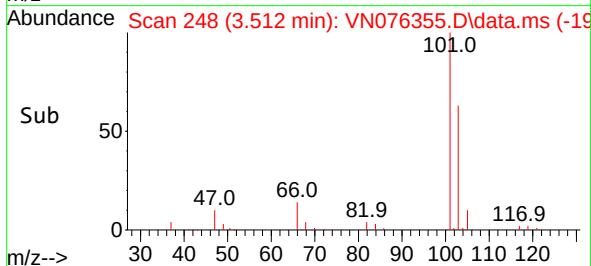
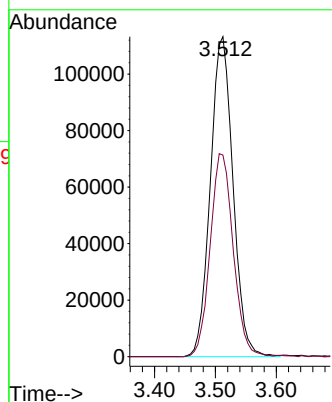
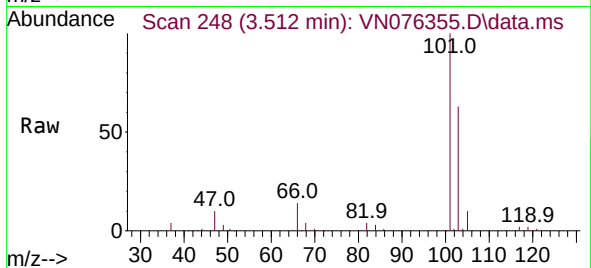
#7
Trichlorofluoromethane
Concen: 45.394 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 292894
Ion Ratio Lower Upper
101 100
103 63.0 50.2 75.4

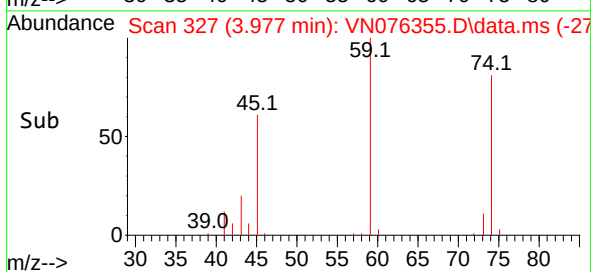
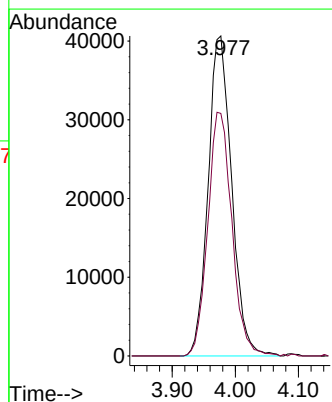
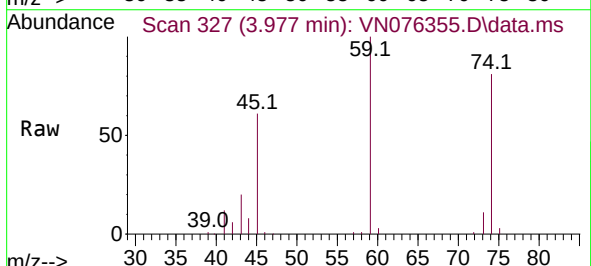
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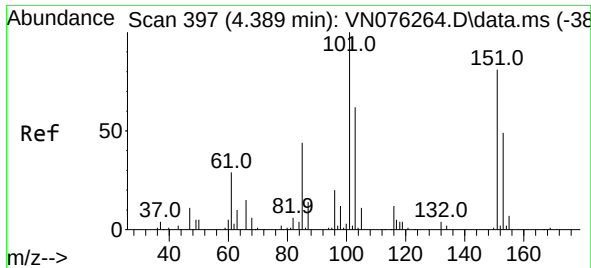
Reviewed By :John Carlone 01/23/2023
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#8
Diethyl Ether
Concen: 48.619 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 105220
Ion Ratio Lower Upper
74 100
45 77.9 37.8 113.3





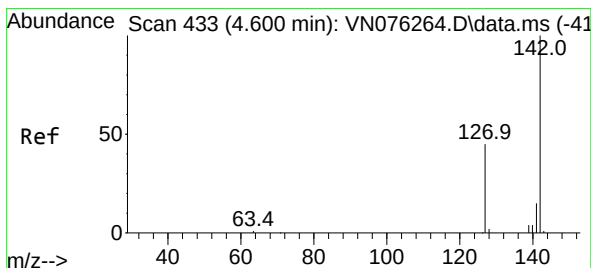
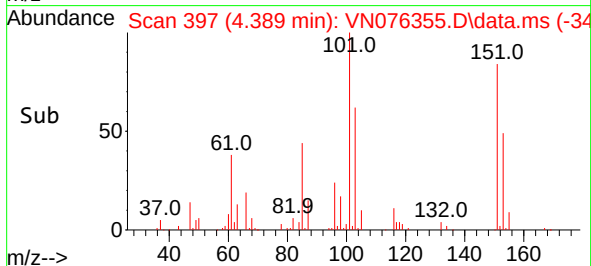
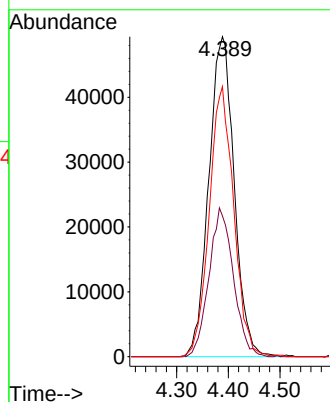
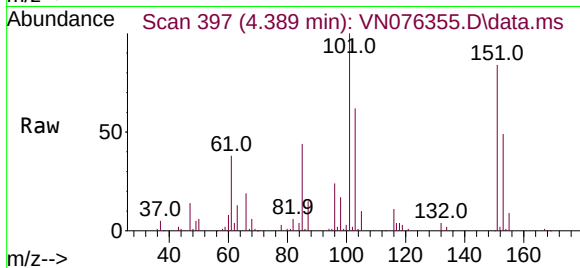
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.052 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16821
Ion Ratio Lower Upper
101 100
85 44.8 35.5 53.3
151 81.4 65.5 98.3

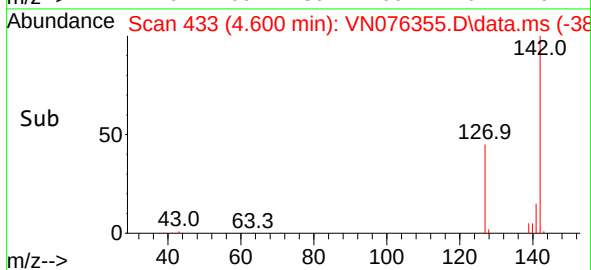
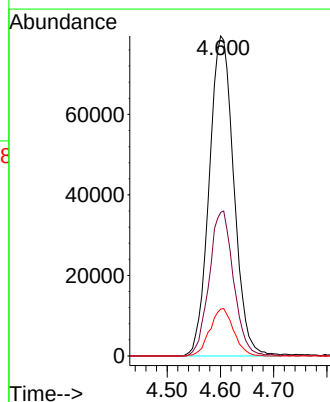
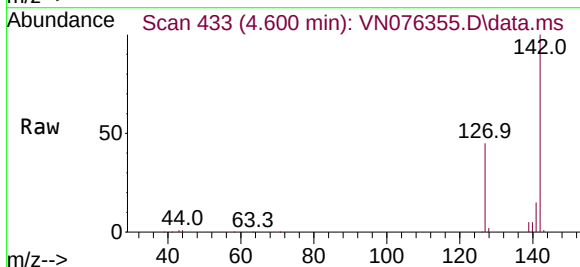
Manual Integrations
APPROVED

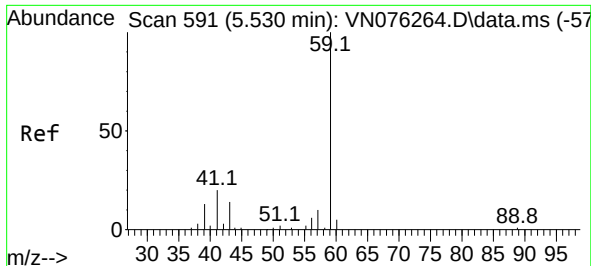
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#10
Methyl Iodide
Concen: 45.695 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Tgt Ion:142 Resp: 254948
Ion Ratio Lower Upper
142 100
127 44.8 35.0 52.4
141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 207.965 ug/l

RT: 5.536 min Scan# 591

Delta R.T. 0.006 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 112279

Ion Ratio Lower Upper

59 100

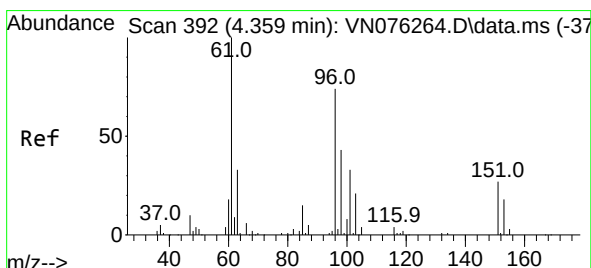
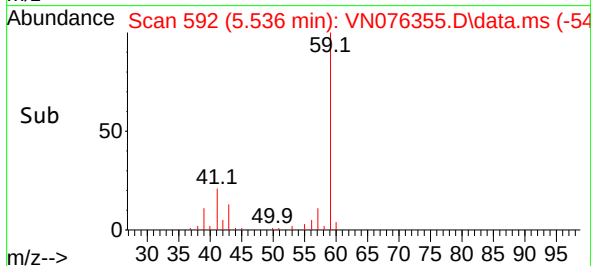
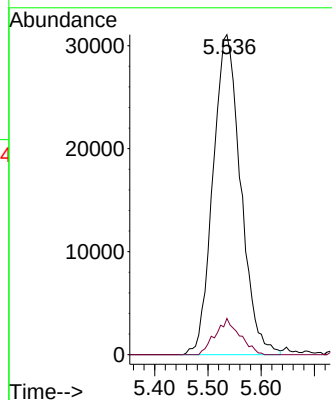
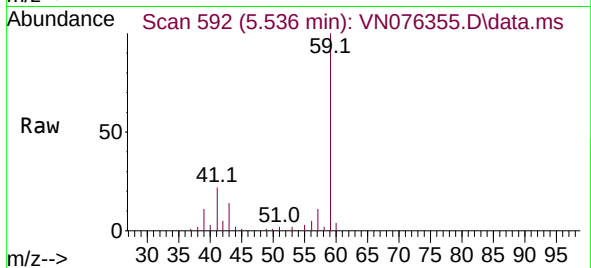
57 10.0 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#12

1,1-Dichloroethene

Concen: 44.731 ug/l

RT: 4.353 min Scan# 391

Delta R.T. -0.006 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

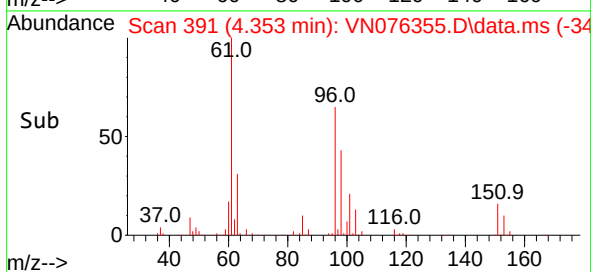
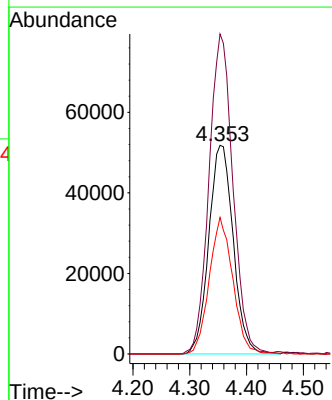
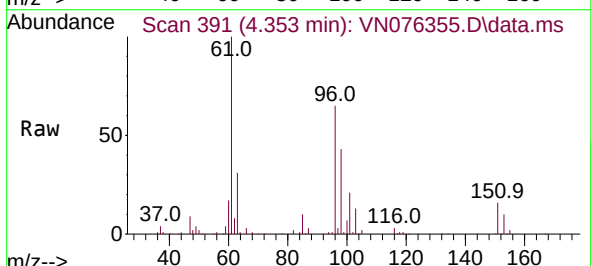
Tgt Ion: 96 Resp: 154449

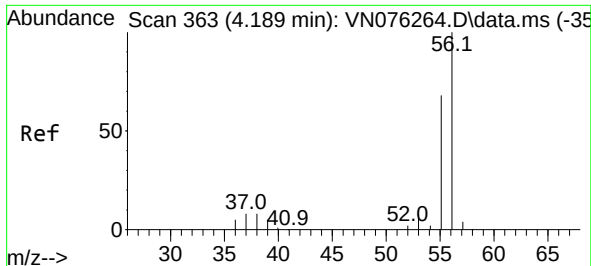
Ion Ratio Lower Upper

96 100

61 153.4 108.2 162.4

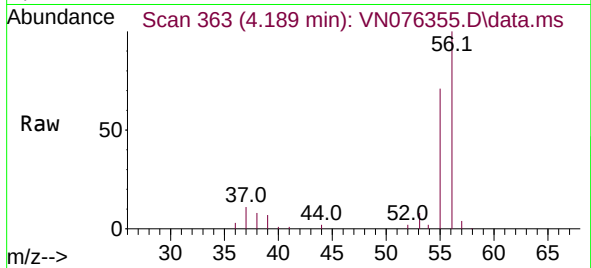
98 65.4 47.0 70.6





#13
Acrolein
Concen: 205.129 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

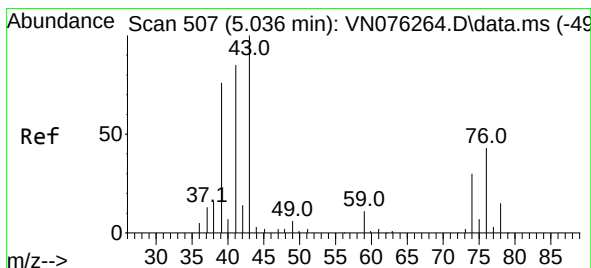
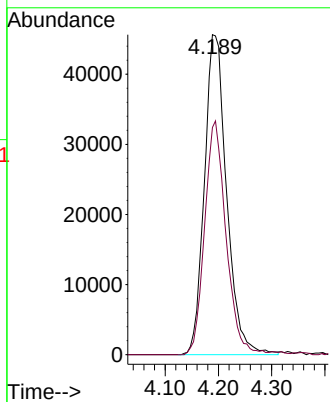
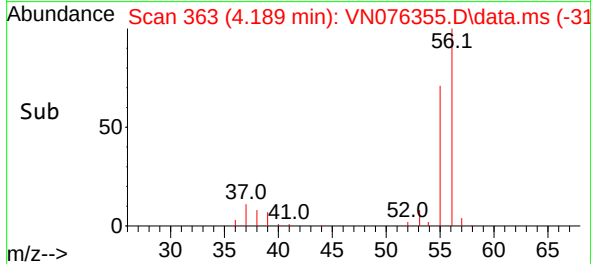
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



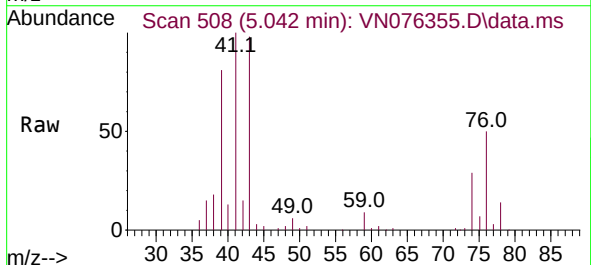
Tgt Ion: 56 Resp: 132444
Ion Ratio Lower Upper
56 100
55 70.2 55.8 83.6

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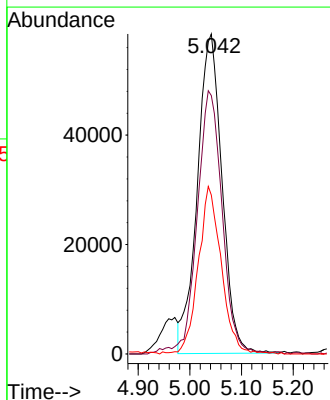
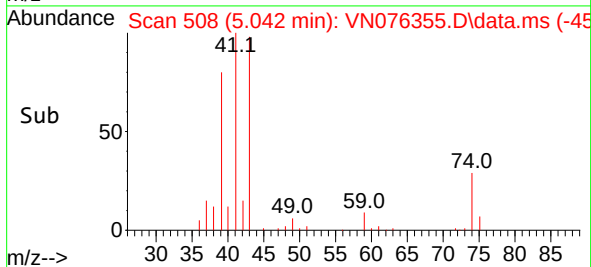
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

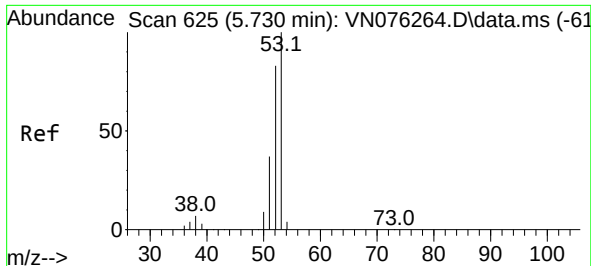


#14
Allyl chloride
Concen: 48.198 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



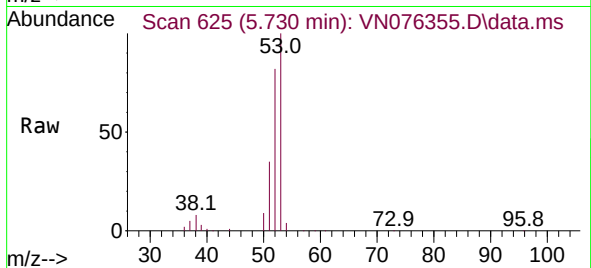
Tgt Ion: 41 Resp: 193940
Ion Ratio Lower Upper
41 100
39 83.4 67.4 101.0
76 49.0 39.8 59.8





#15
Acrylonitrile
Concen: 229.707 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

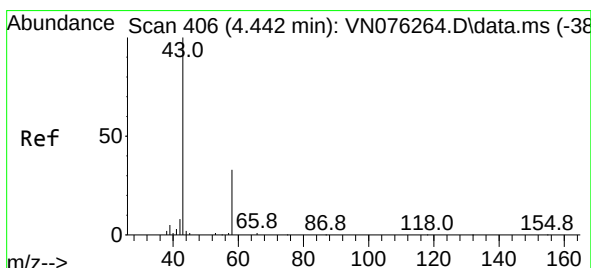
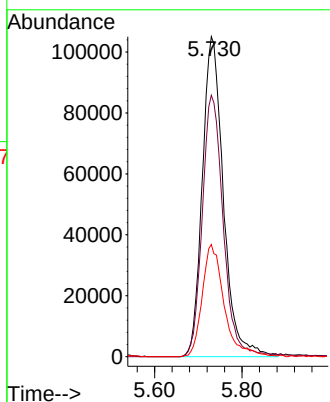
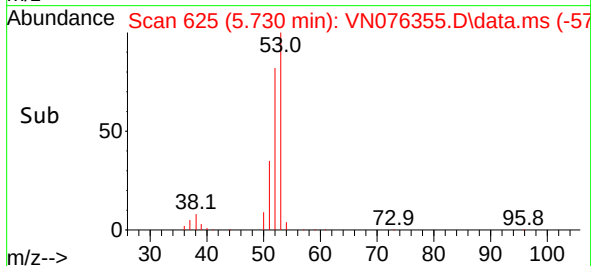
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



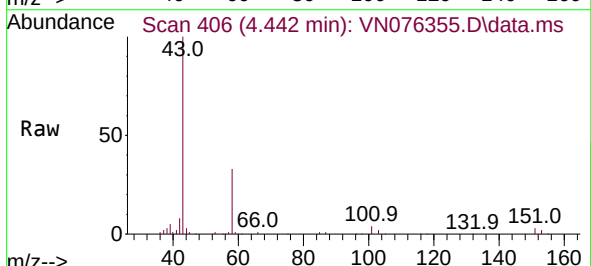
Tgt Ion: 53 Resp: 352914
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 36.3 29.2 43.8

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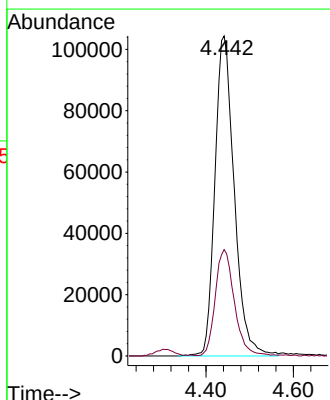
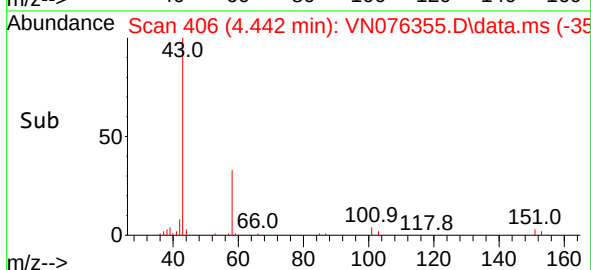
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

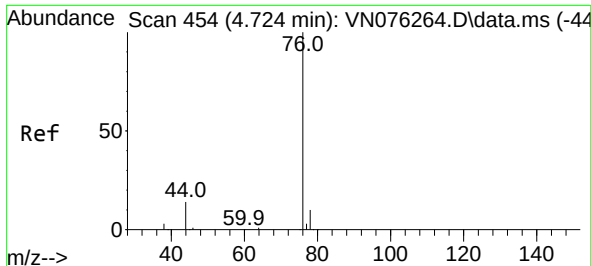


#16
Acetone
Concen: 246.976 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion: 43 Resp: 319575
Ion Ratio Lower Upper
43 100
58 33.0 26.7 40.1





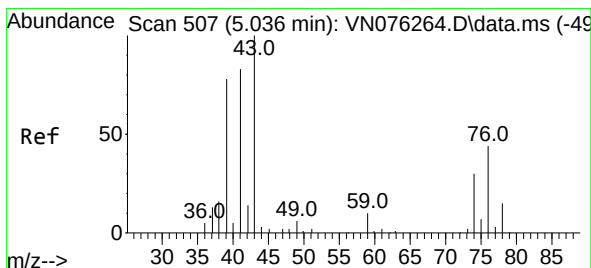
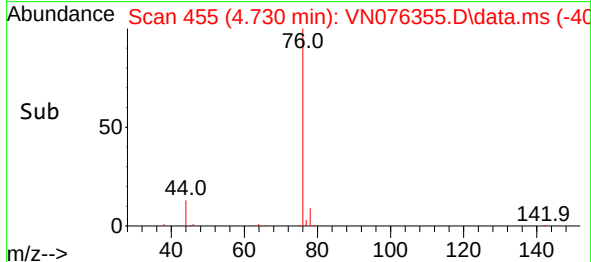
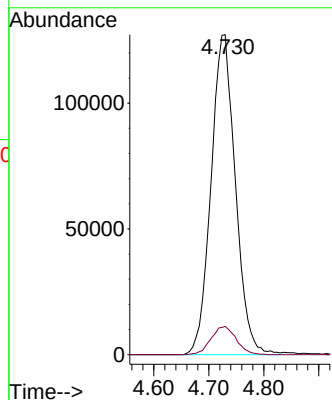
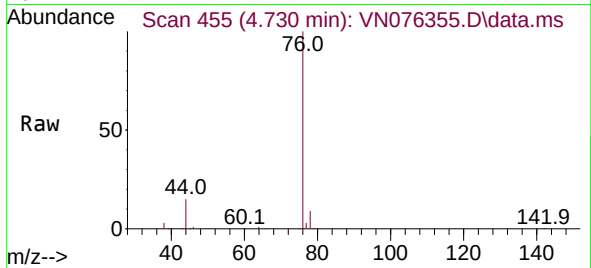
#17
Carbon Disulfide
Concen: 45.607 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 39210
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0

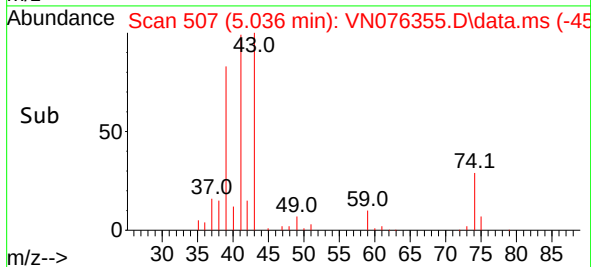
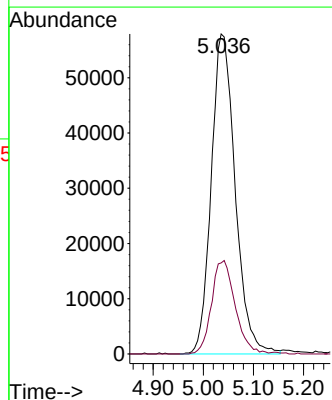
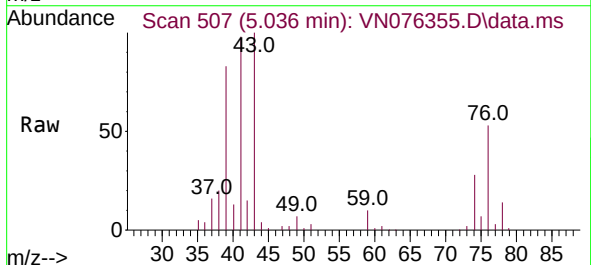
Manual Integrations
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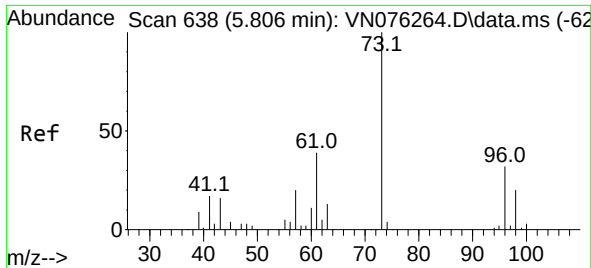
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#18
Methyl Acetate
Concen: 43.853 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Tgt Ion: 43 Resp: 192303
Ion Ratio Lower Upper
43 100
74 28.7 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 48.417 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

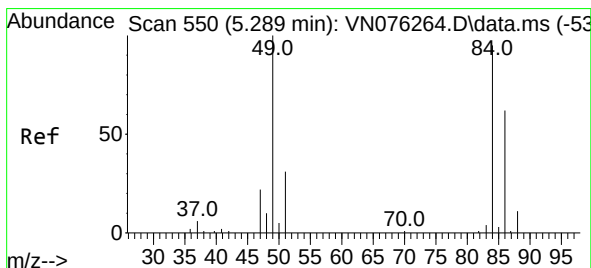
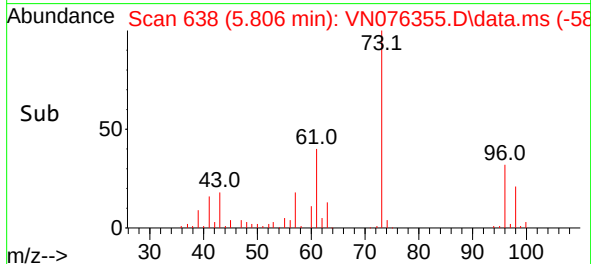
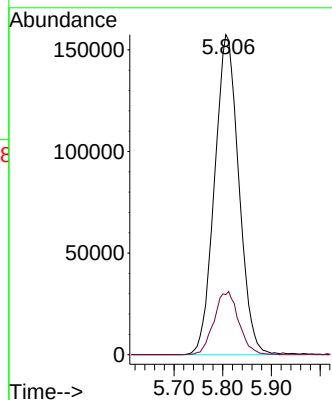
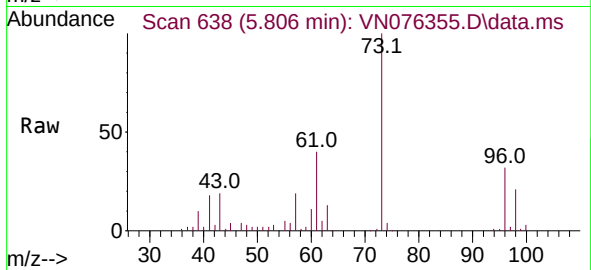
VSTDCCC050

Tgt Ion: 73 Resp: 544250
Ion Ratio Lower Upper
73 100
57 18.8 15.9 23.9

Manual Integrations

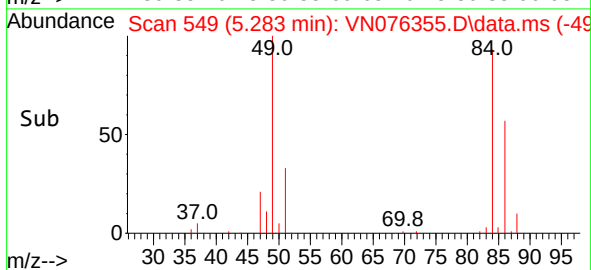
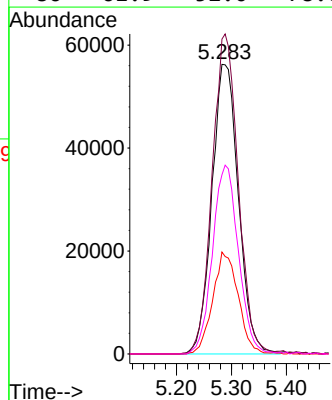
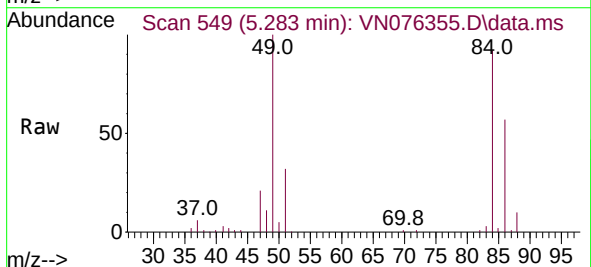
APPROVED

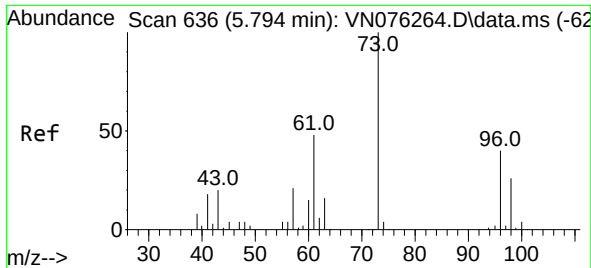
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#20
Methylene Chloride
Concen: 49.273 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

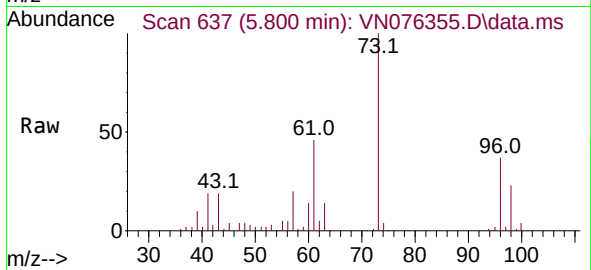
Tgt Ion: 84 Resp: 188691
Ion Ratio Lower Upper
84 100
49 108.7 84.5 126.7
51 35.2 26.0 39.0
86 61.9 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 44.612 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

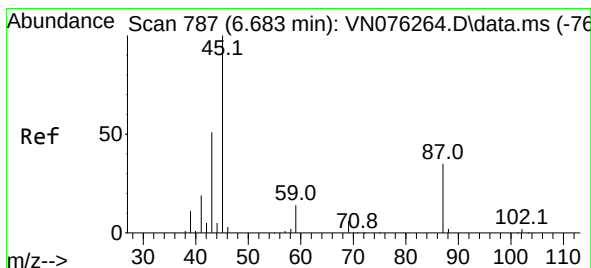
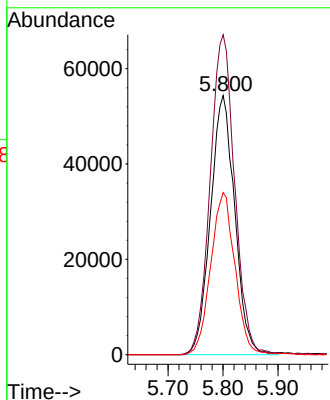
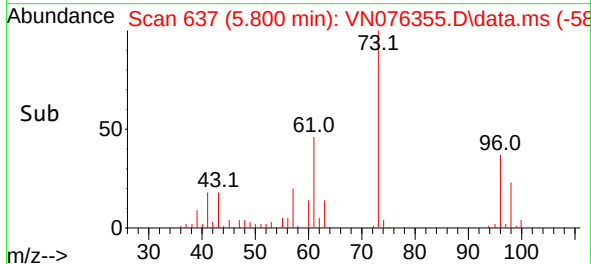
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 166879
Ion Ratio Lower Upper
96 100
61 123.5 97.0 145.4
98 62.6 51.9 77.9

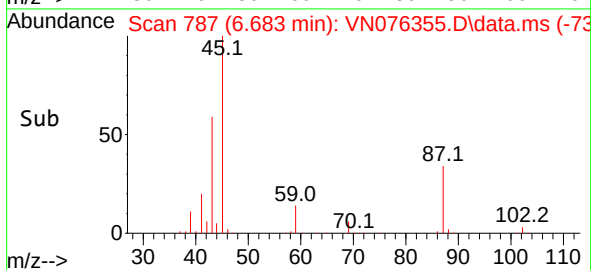
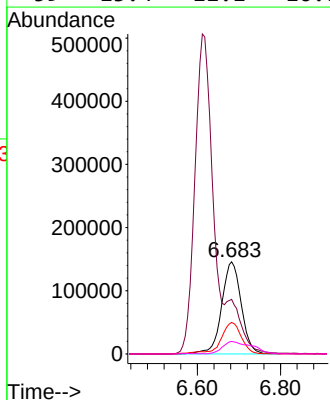
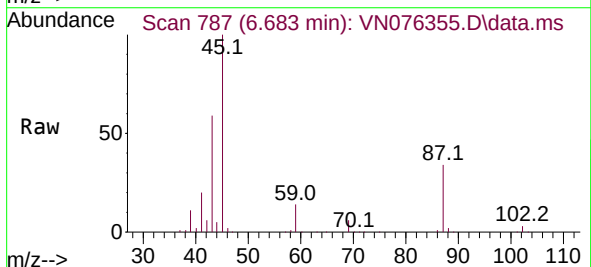
Manual Integrations
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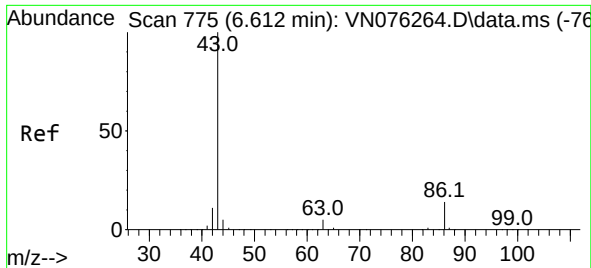
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#22
Diisopropyl ether
Concen: 50.206 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Tgt Ion: 45 Resp: 476415
Ion Ratio Lower Upper
45 100
43 58.3 44.4 66.6
87 34.1 28.4 42.6
59 13.4 11.1 16.7





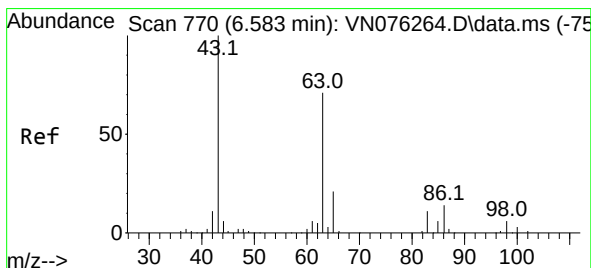
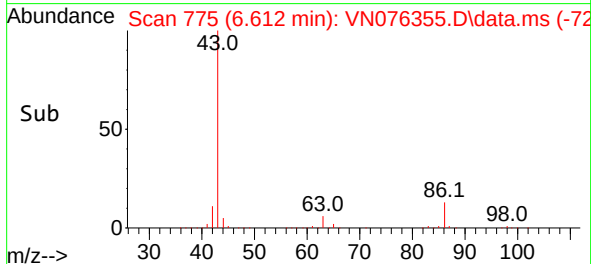
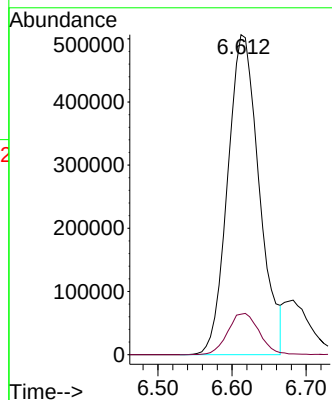
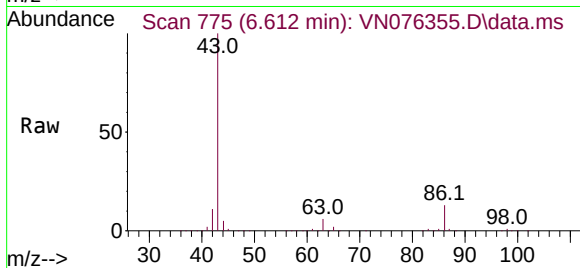
#23
 Vinyl Acetate
 Concen: 243.970 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076355.D
 Acq: 23 Jan 2023 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1496210
 Ion Ratio Lower Upper
 43 100
 86 12.6 11.2 16.8

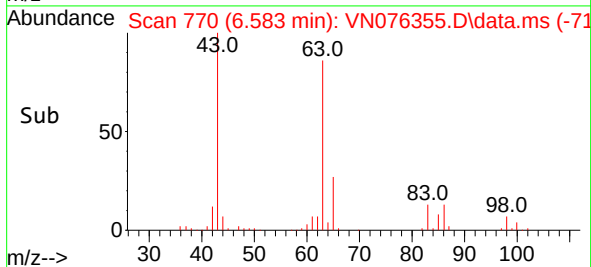
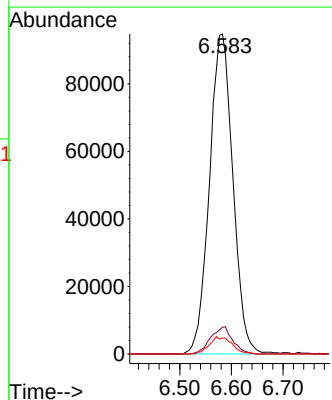
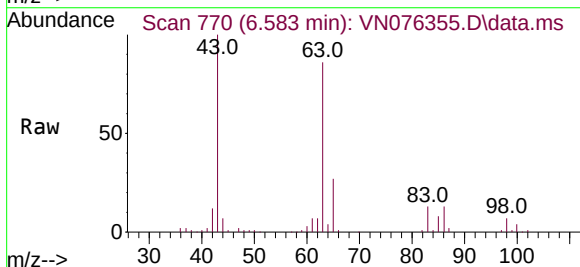
Manual Integrations
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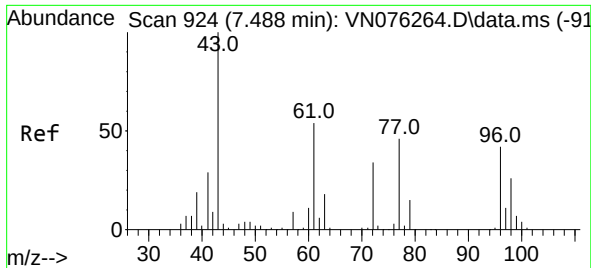
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#24
 1,1-Dichloroethane
 Concen: 47.218 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076355.D
 Acq: 23 Jan 2023 10:17

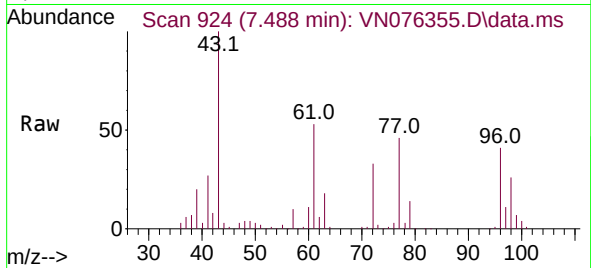
Tgt Ion: 63 Resp: 298665
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 4.9 2.2 6.6





#25
2-Butanone
Concen: 228.945 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

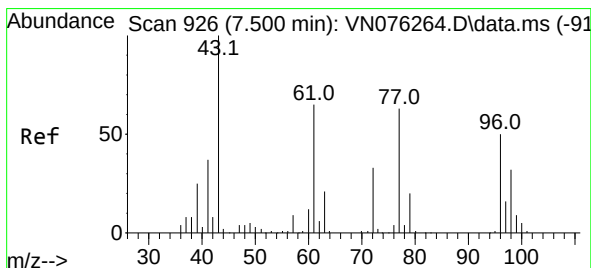
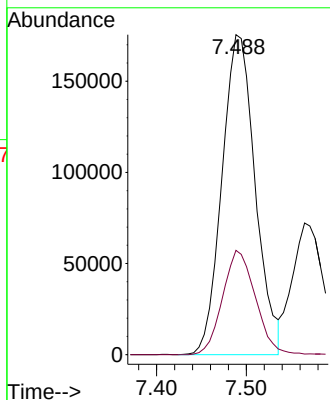
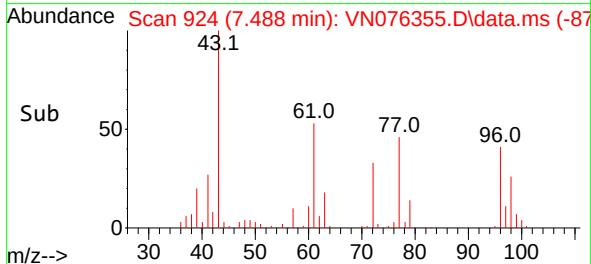
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



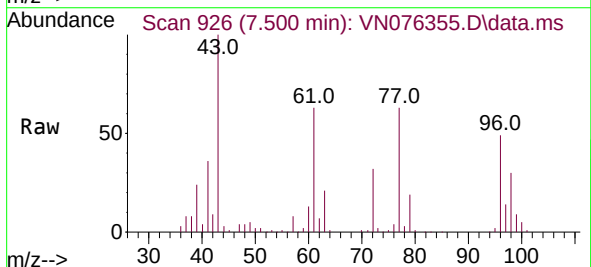
Tgt Ion: 43 Resp: 452452
Ion Ratio Lower Upper
43 100
72 32.6 27.4 41.2

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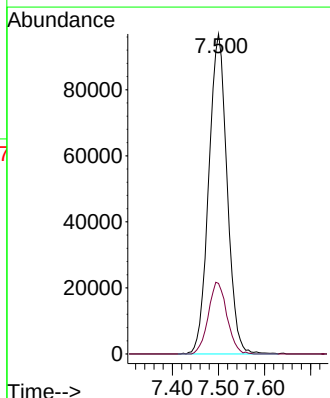
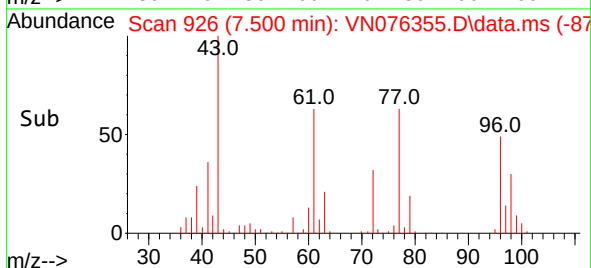
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

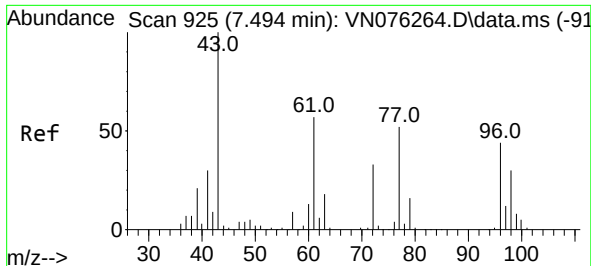


#26
2,2-Dichloropropane
Concen: 50.158 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion: 77 Resp: 267397
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 46.664 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076355.D

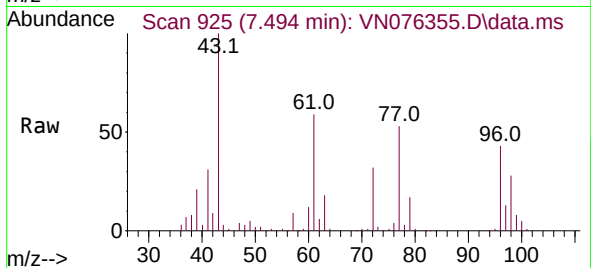
Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 203584

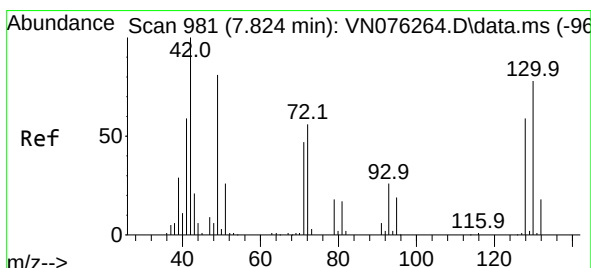
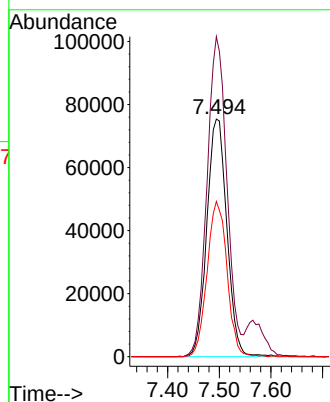
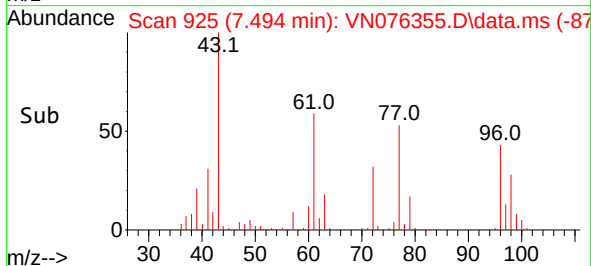
Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	259.6
98	64.8	0.0	129.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#28

Bromochloromethane

Concen: 54.477 ug/l

RT: 7.818 min Scan# 980

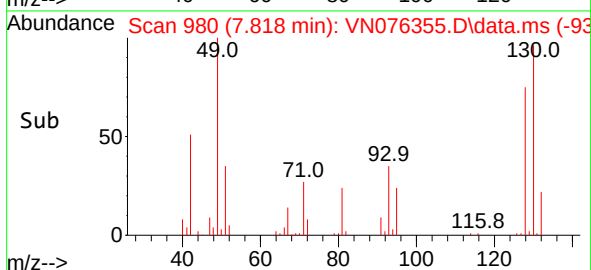
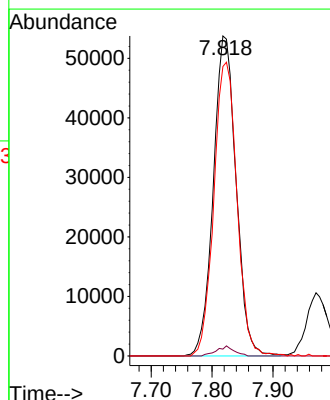
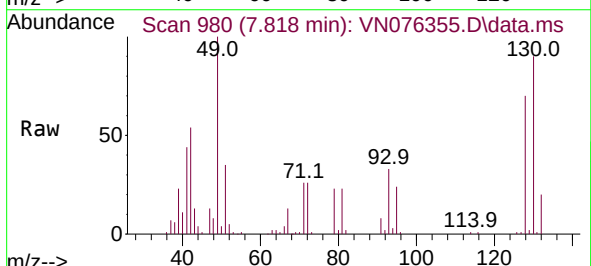
Delta R.T. -0.006 min

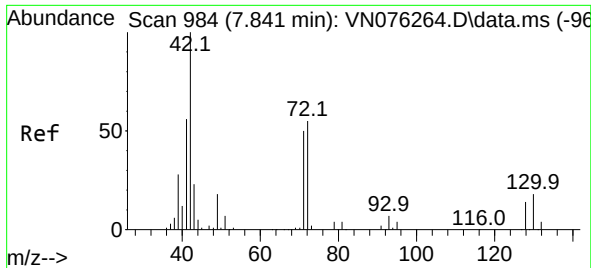
Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Tgt Ion: 49 Resp: 139665

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	93.0	76.0	114.0





#29

Tetrahydrofuran

Concen: 238.061 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

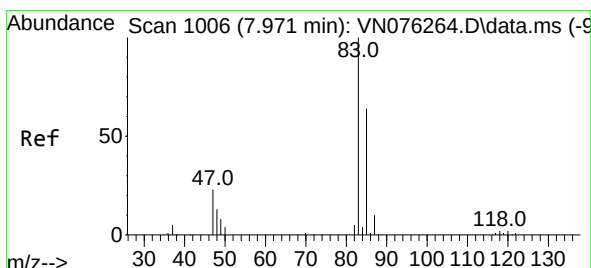
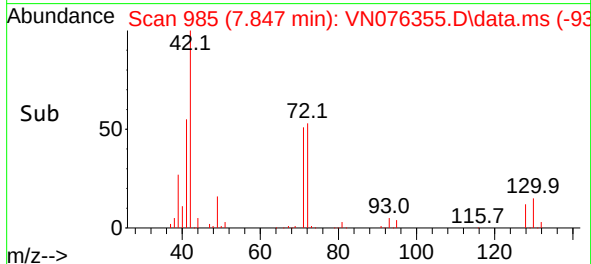
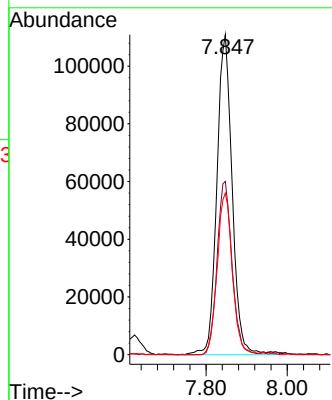
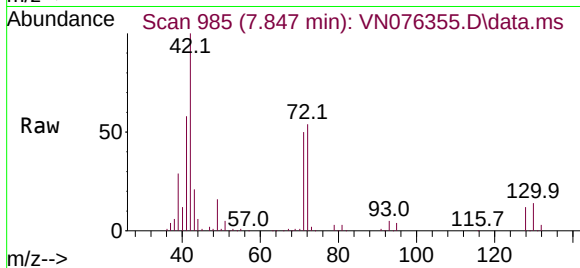
Tgt Ion: 42 Resp: 290368
 Ion Ratio Lower Upper
 42 100
 72 52.9 44.0 66.0
 71 49.7 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#30

Chloroform

Concen: 47.986 ug/l

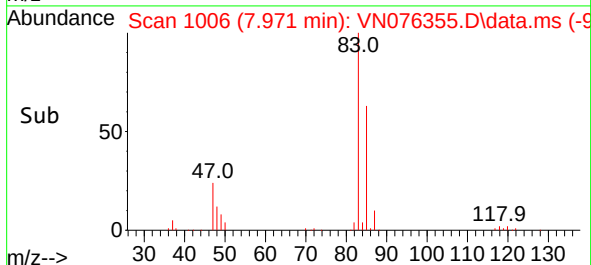
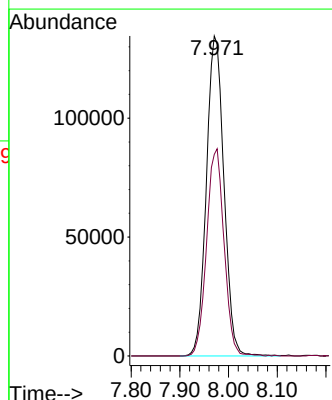
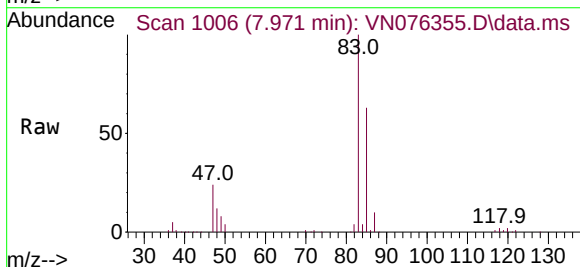
RT: 7.971 min Scan# 1006

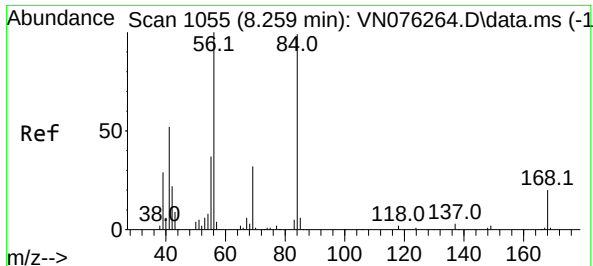
Delta R.T. -0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

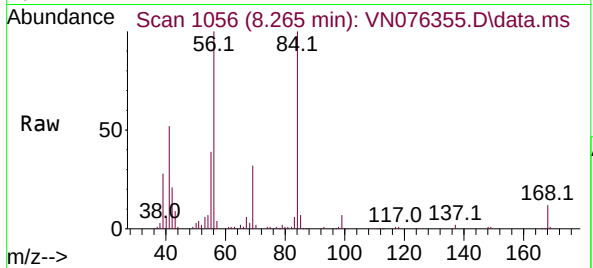
Tgt Ion: 83 Resp: 335849
 Ion Ratio Lower Upper
 83 100
 85 63.0 51.0 76.6





#31
Cyclohexane
Concen: 41.706 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

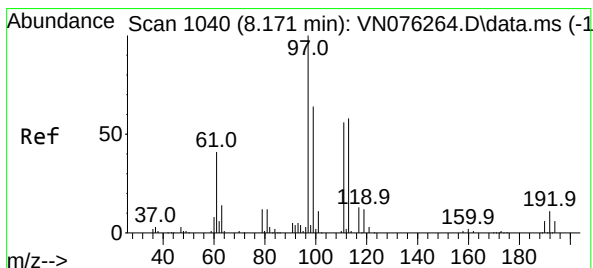
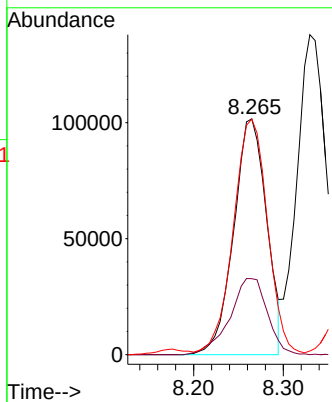
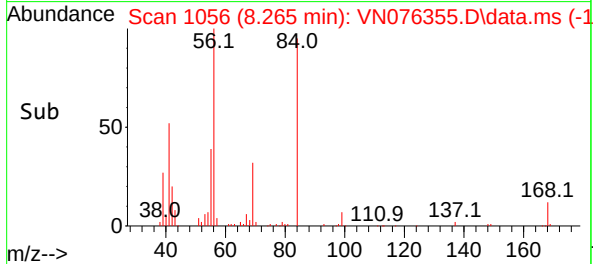
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



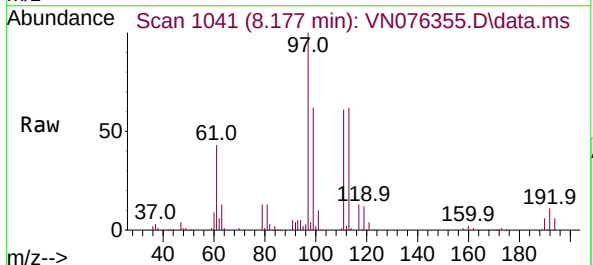
Tgt Ion: 56 Resp: 258600
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.8
84 98.1 79.0 118.4

Manual Integrations
APPROVED

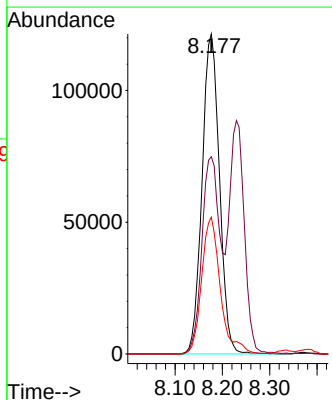
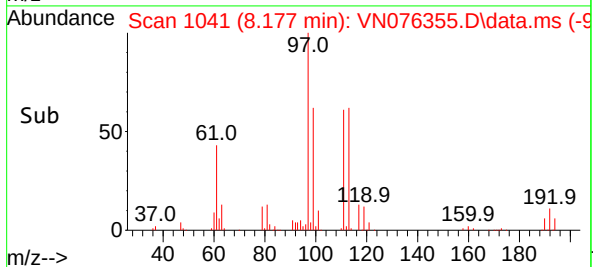
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

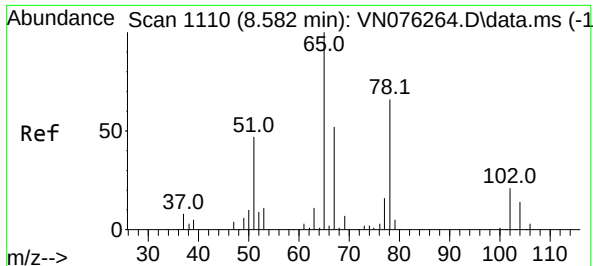


#32
1,1,1-Trichloroethane
Concen: 48.398 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion: 97 Resp: 309257
Ion Ratio Lower Upper
97 100
99 65.8 55.0 82.4
61 46.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.486 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 20378

Ion Ratio Lower Upper

65 100

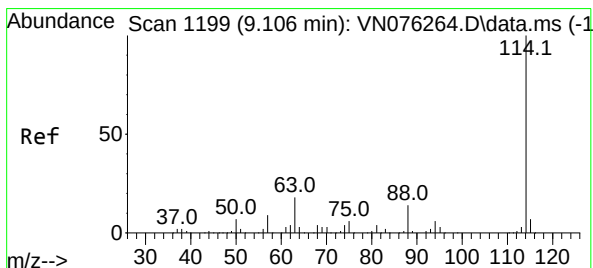
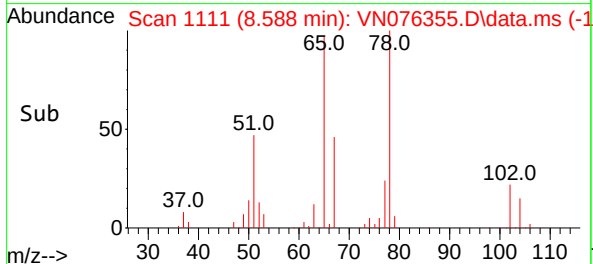
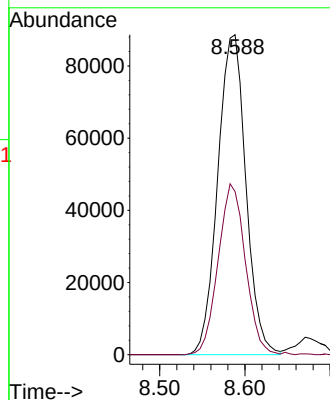
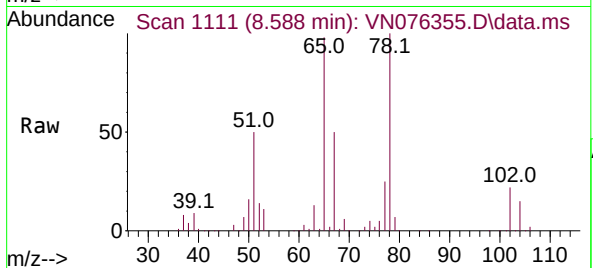
67 51.9 0.0 104.6

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: VN076355.D

Acq: 23 Jan 2023 10:17

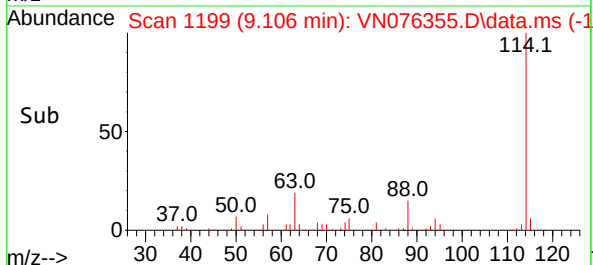
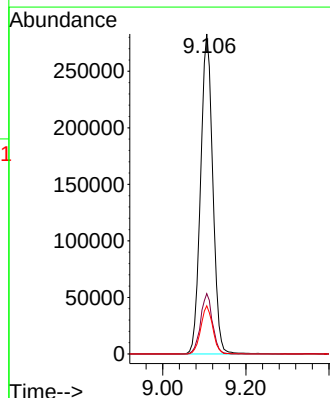
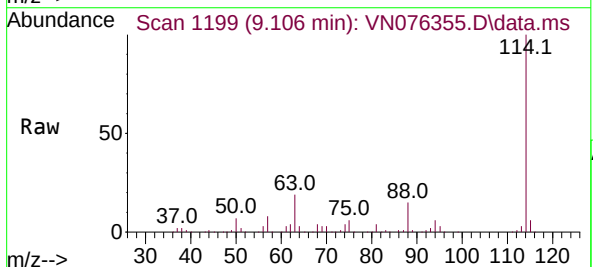
Tgt Ion:114 Resp: 576114

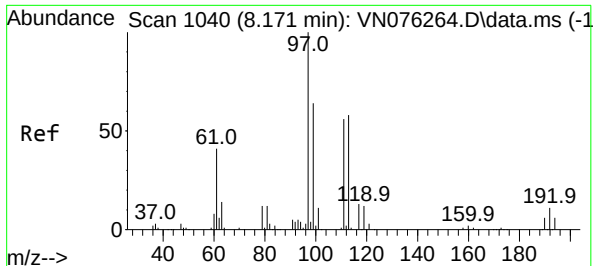
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.8

88 15.0 0.0 28.0





#35

Dibromofluoromethane

Concen: 50.147 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 18072

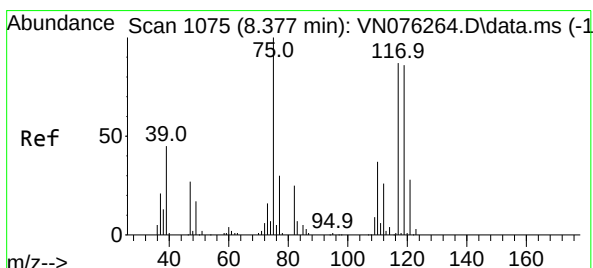
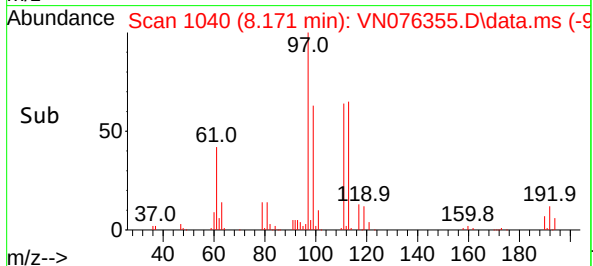
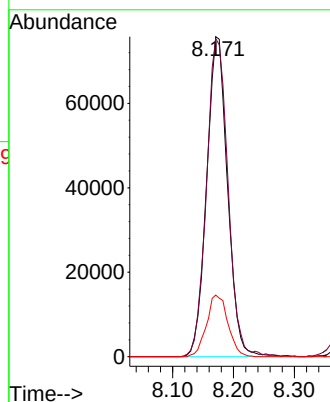
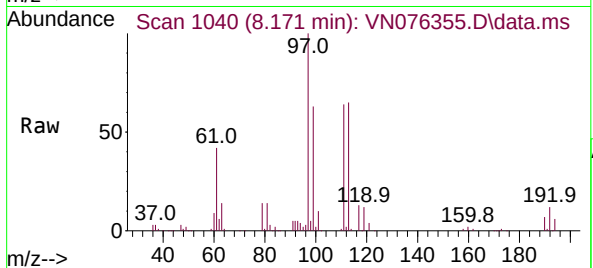
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#36

1,1-Dichloropropene

Concen: 46.547 ug/l

RT: 8.377 min Scan# 1075

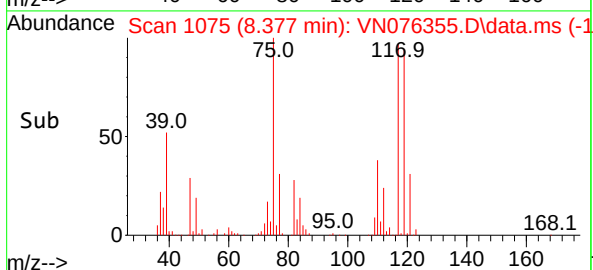
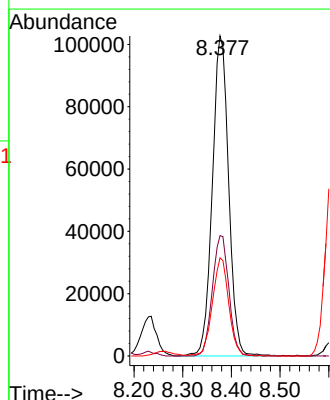
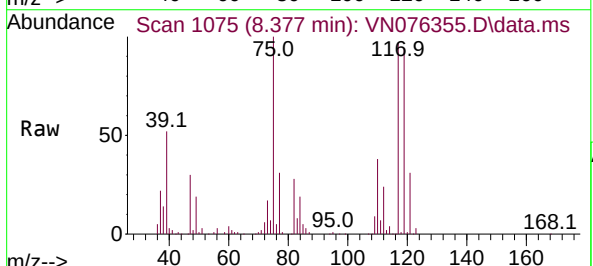
Delta R.T. -0.000 min

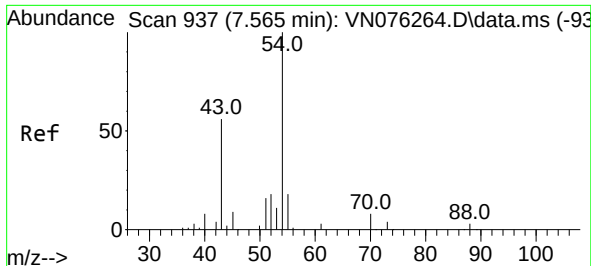
Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Tgt Ion: 75 Resp: 238363

Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.8	56.3
77	30.7	25.0	37.4





#37

Ethyl Acetate

Concen: 45.270 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 185932

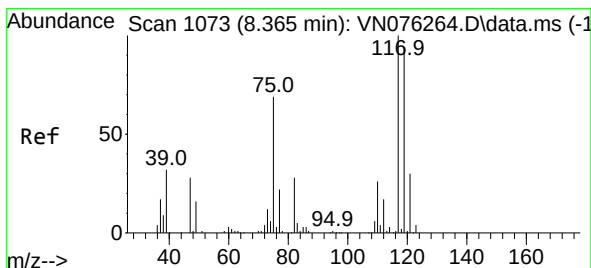
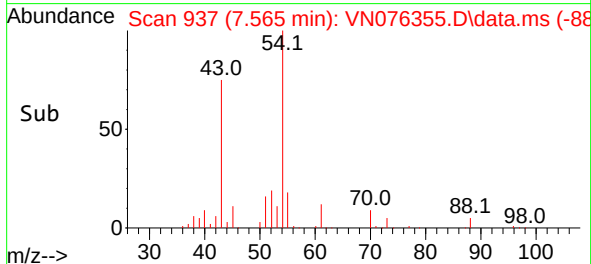
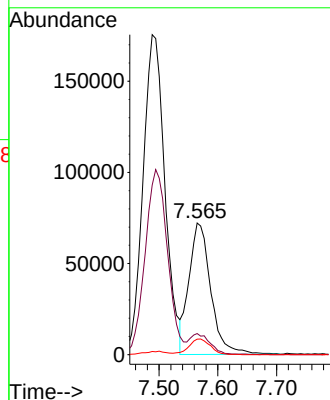
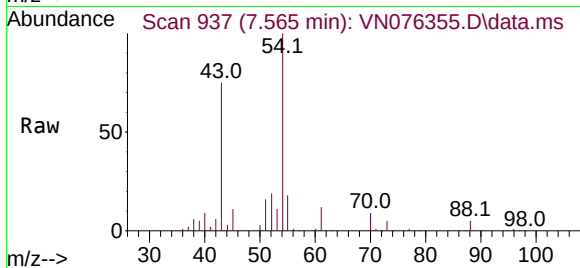
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.1	16.7
70	11.8	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#38

Carbon Tetrachloride

Concen: 49.353 ug/l

RT: 8.371 min Scan# 1074

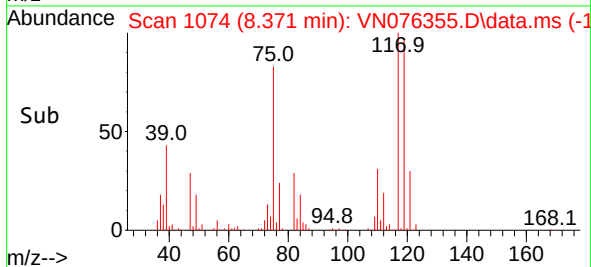
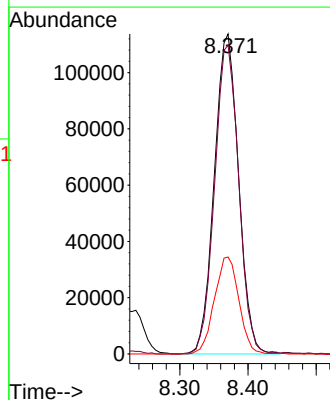
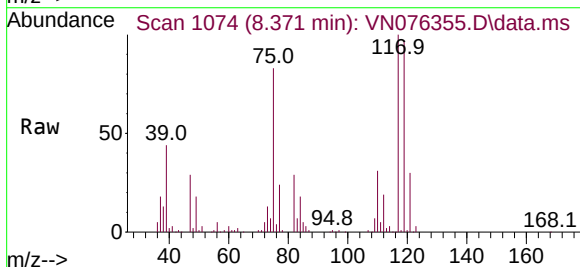
Delta R.T. 0.006 min

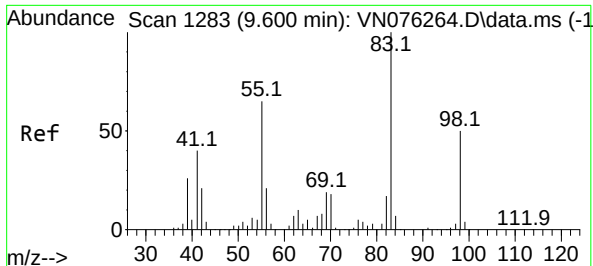
Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Tgt Ion:117 Resp: 281838

Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
121	30.3	24.2	36.2





#39

Methylcyclohexane

Concen: 48.429 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

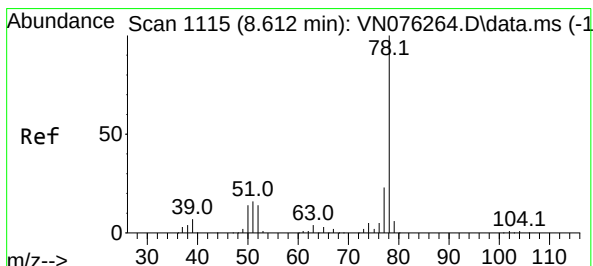
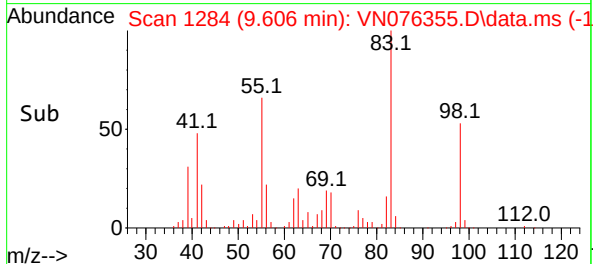
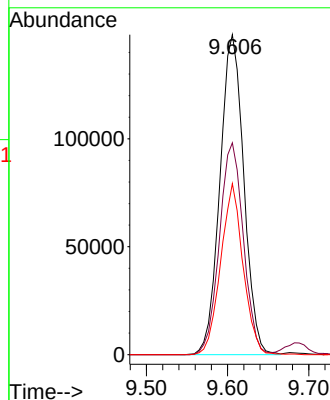
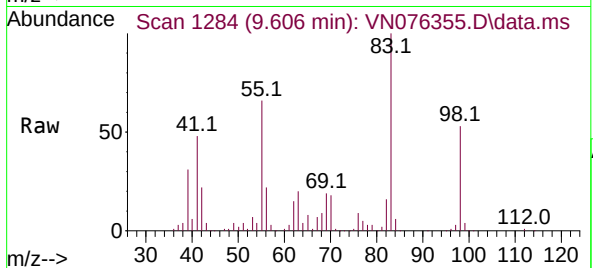
VSTDCCC050

Tgt Ion: 83 Resp: 302854
 Ion Ratio Lower Upper
 83 100
 55 66.2 51.7 77.5
 98 53.4 40.0 60.0

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 46.925 ug/l

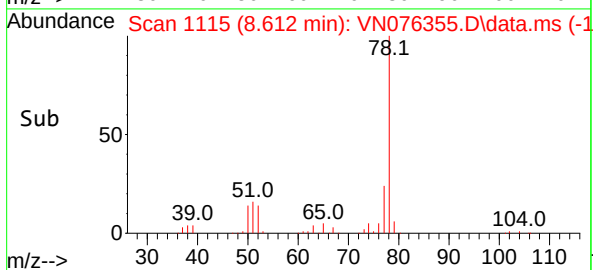
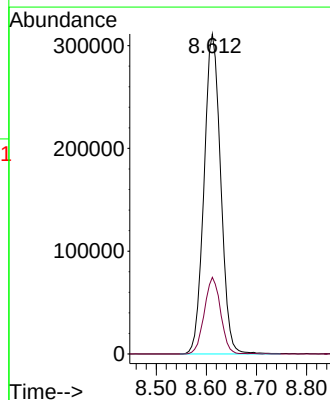
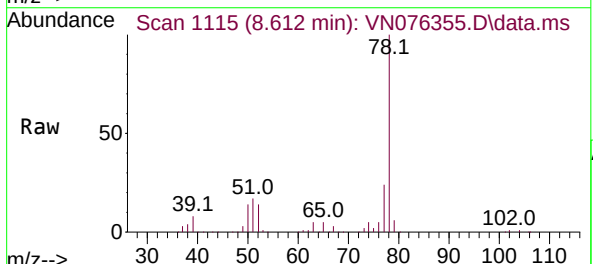
RT: 8.612 min Scan# 1115

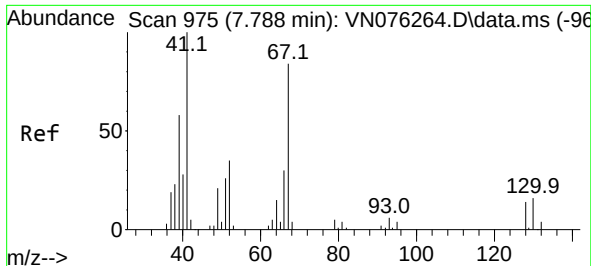
Delta R.T. -0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

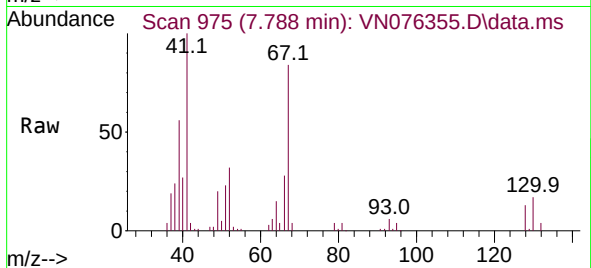
Tgt Ion: 78 Resp: 718544
 Ion Ratio Lower Upper
 78 100
 77 24.0 18.6 28.0





#41
Methacrylonitrile
Concen: 47.411 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

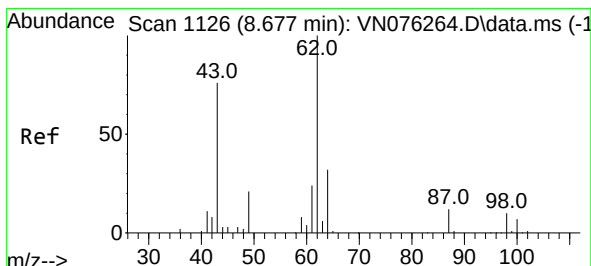
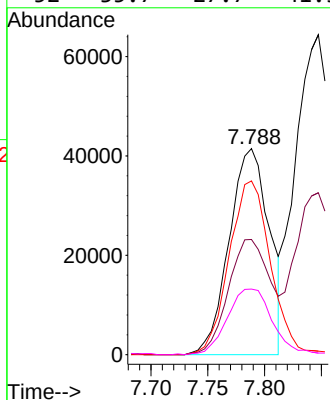
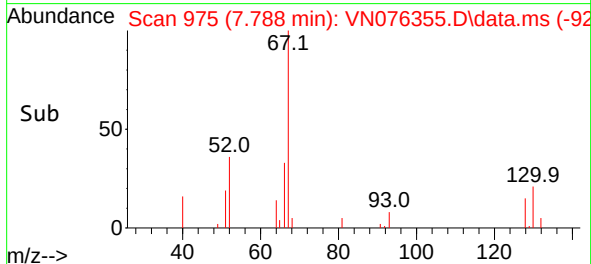
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



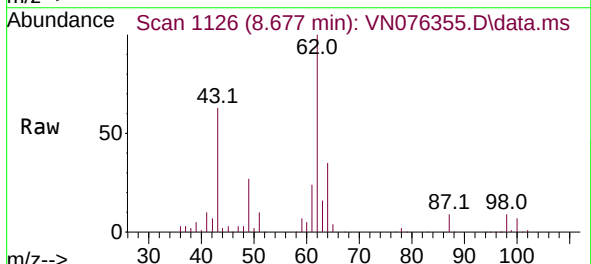
Tgt Ion: 41 Resp: 10196
Ion Ratio Lower Upper
41 100
39 58.2 42.4 63.6
67 87.2 68.8 103.2
52 35.7 27.7 41.5

Manual Integrations
APPROVED

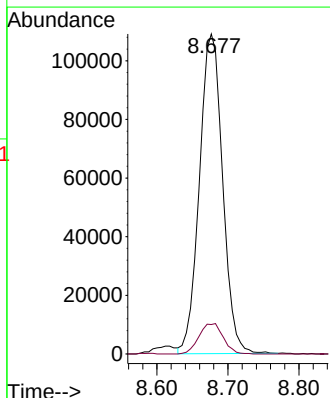
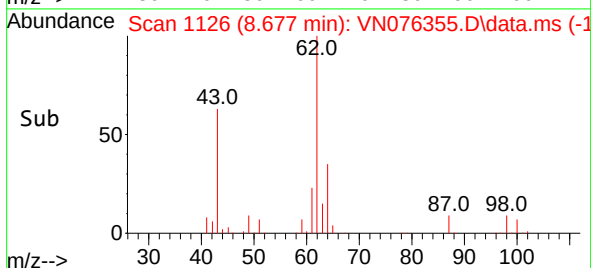
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

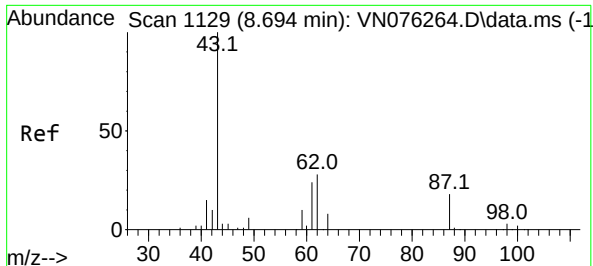


#42
1,2-Dichloroethane
Concen: 47.293 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



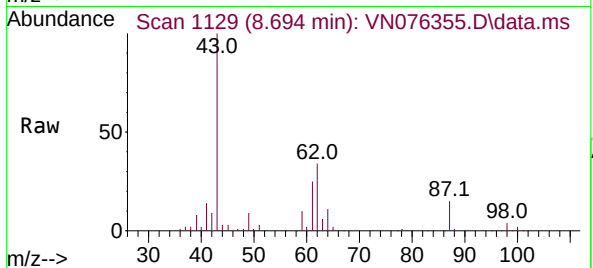
Tgt Ion: 62 Resp: 247775
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4





#43
Isopropyl Acetate
Concen: 47.561 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

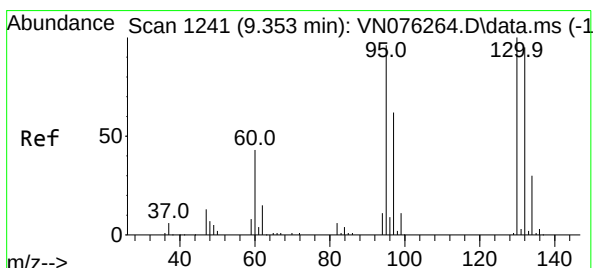
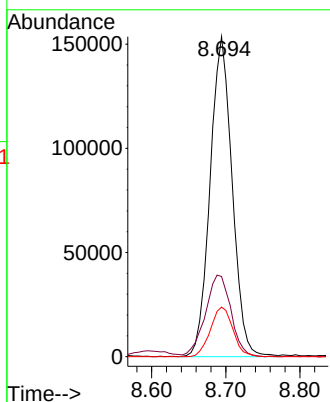
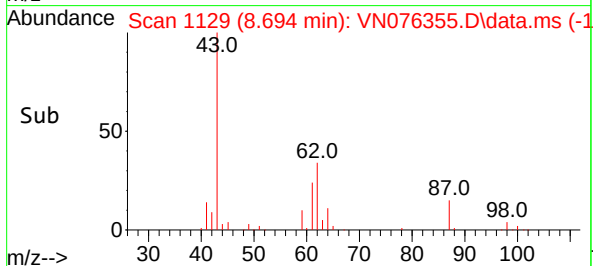
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



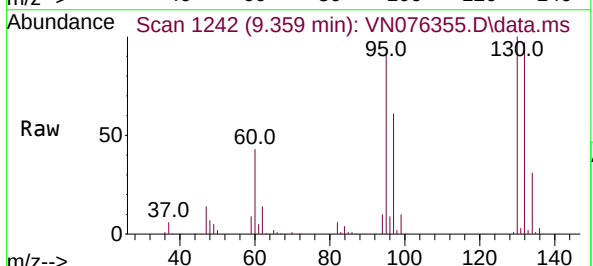
Tgt Ion: 43 Resp: 31780
Ion Ratio Lower Upper
43 100
61 29.6 23.5 35.3
87 15.7 13.8 20.6

Manual Integrations
APPROVED

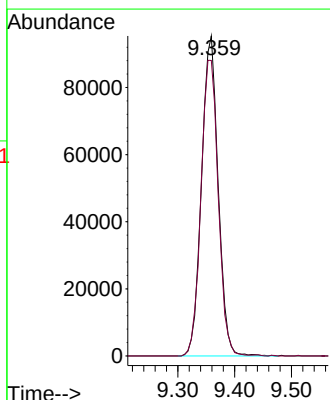
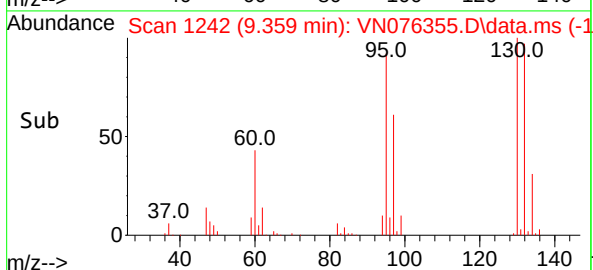
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

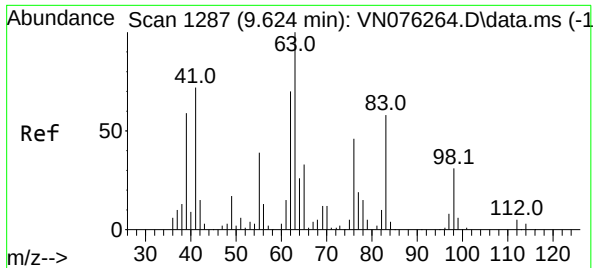


#44
Trichloroethene
Concen: 44.614 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion:130 Resp: 193216
Ion Ratio Lower Upper
130 100
95 92.4 0.0 192.0





#45

1,2-Dichloropropane

Concen: 47.184 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 17298

Ion Ratio Lower Upper

63 100

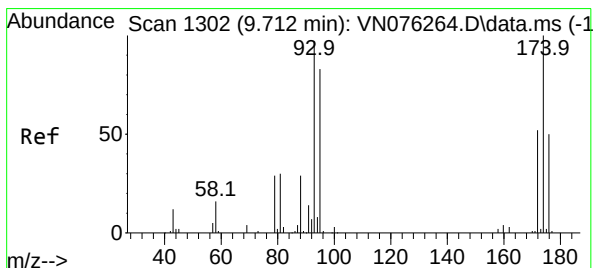
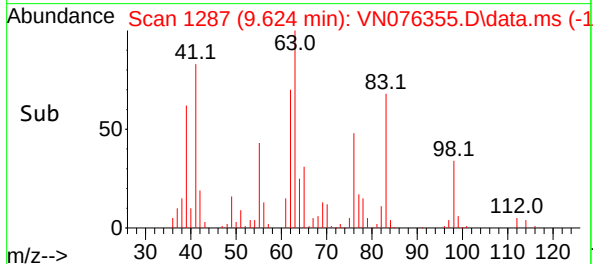
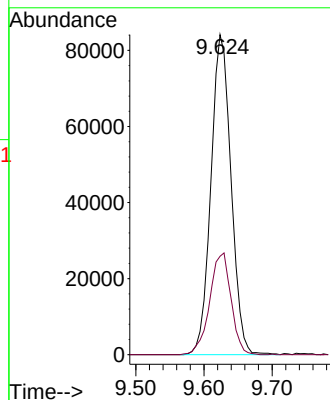
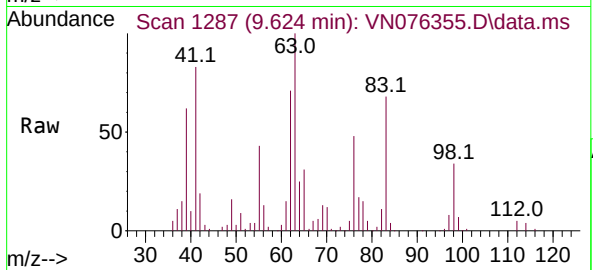
65 30.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#46

Dibromomethane

Concen: 46.517 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

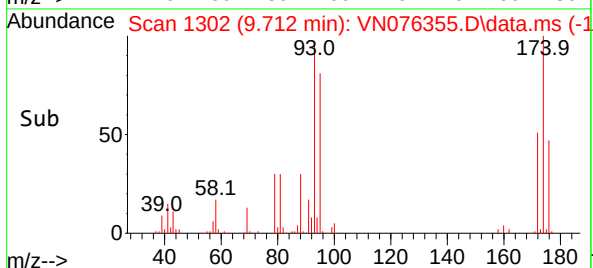
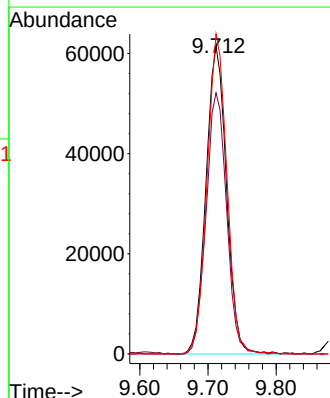
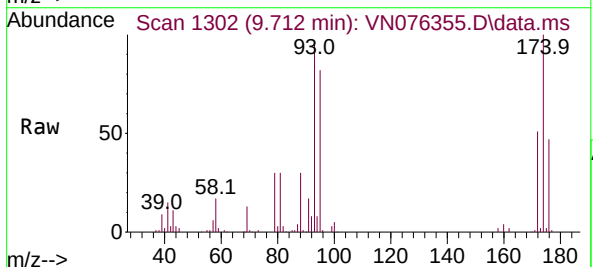
Tgt Ion: 93 Resp: 128757

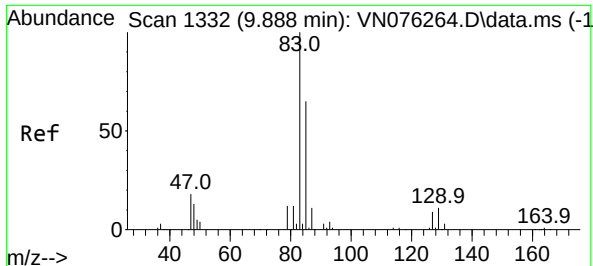
Ion Ratio Lower Upper

93 100

95 84.6 66.0 99.0

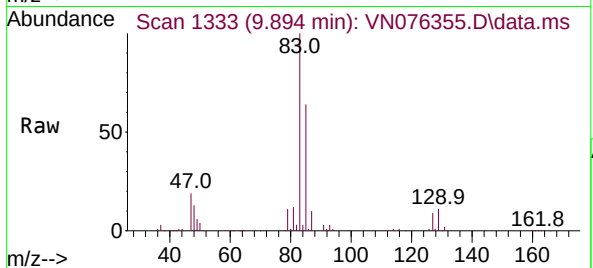
174 100.4 81.3 121.9





#47
Bromodichloromethane
Concen: 50.978 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

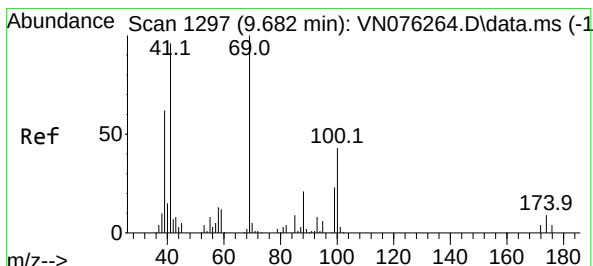
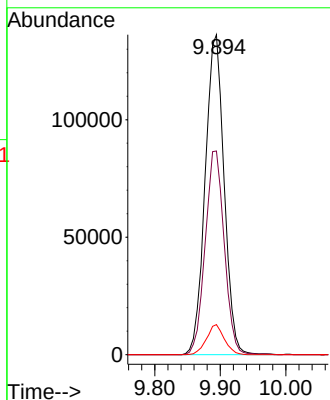
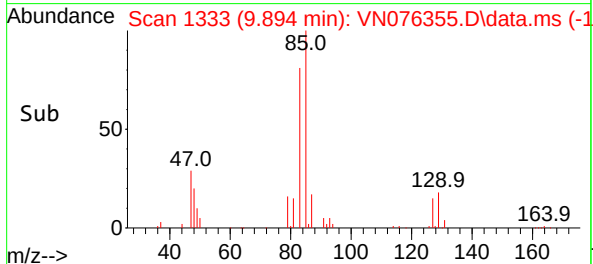
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



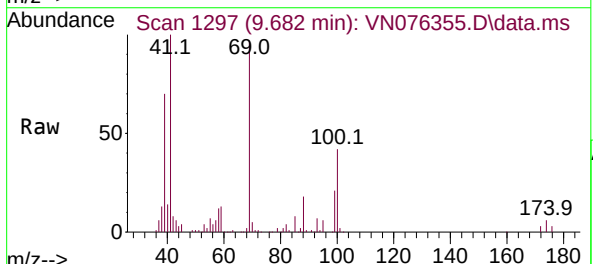
Tgt Ion: 83 Resp: 273679
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 9.4 7.4 11.0

Manual Integrations
APPROVED

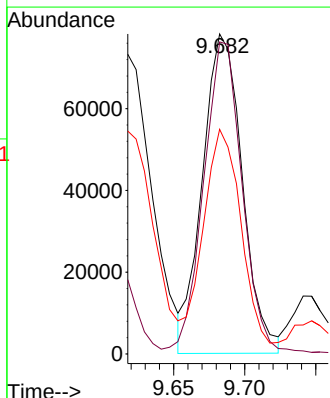
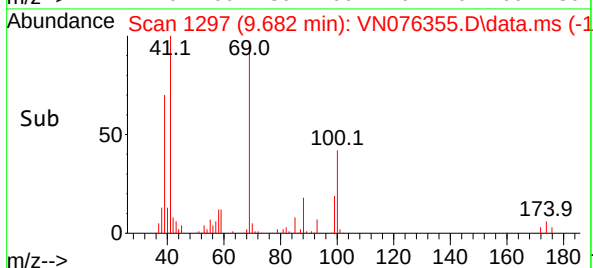
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

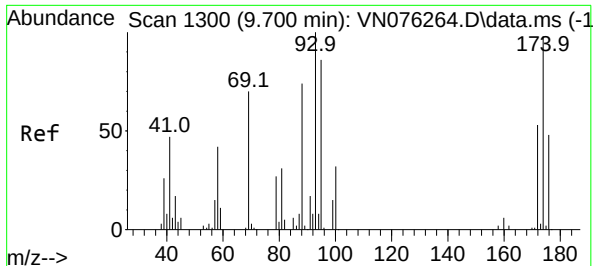


#48
Methyl methacrylate
Concen: 48.205 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion: 41 Resp: 152492
Ion Ratio Lower Upper
41 100
69 95.5 80.8 121.2
39 67.9 54.4 81.6





#49

1,4-Dioxane

Concen: 949.611 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 63380

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1

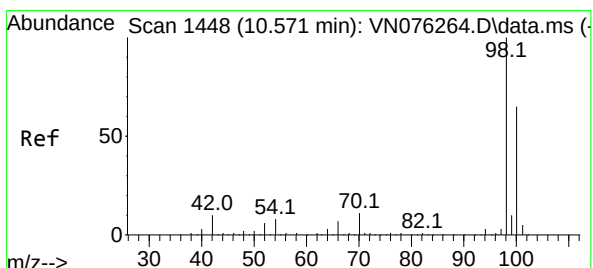
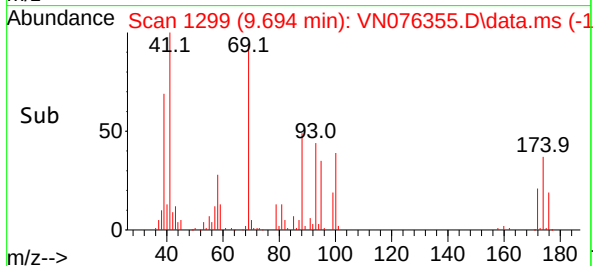
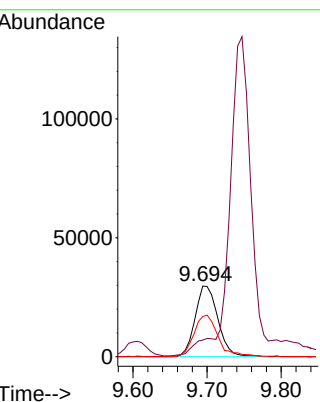
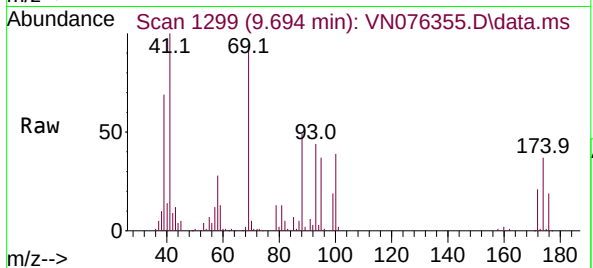
58 62.2 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#50

Toluene-d8

Concen: 50.784 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076355.D

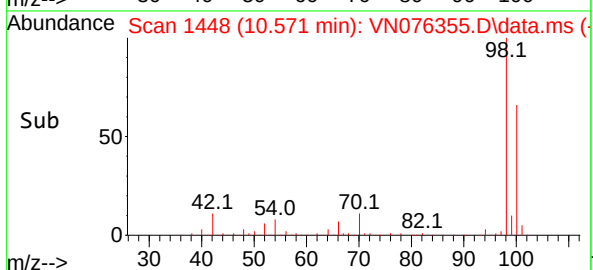
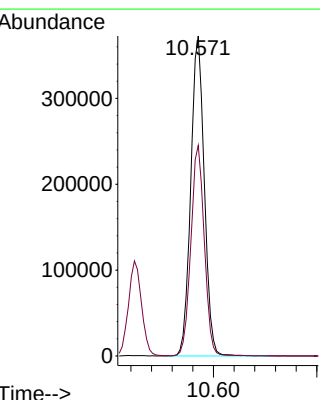
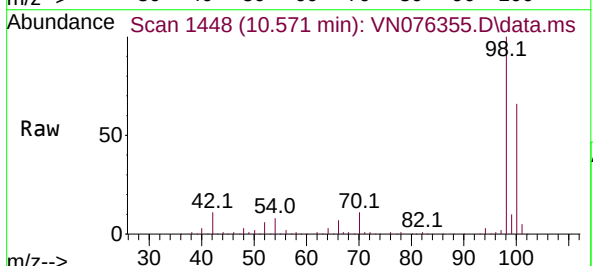
Acq: 23 Jan 2023 10:17

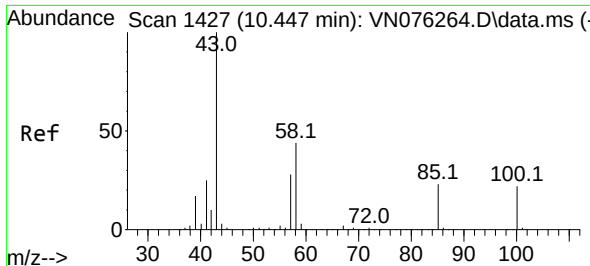
Tgt Ion: 98 Resp: 675909

Ion Ratio Lower Upper

98 100

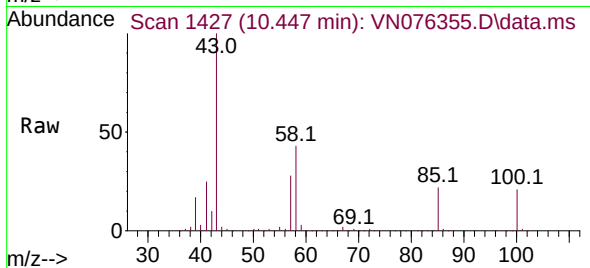
100 65.5 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 242.048 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

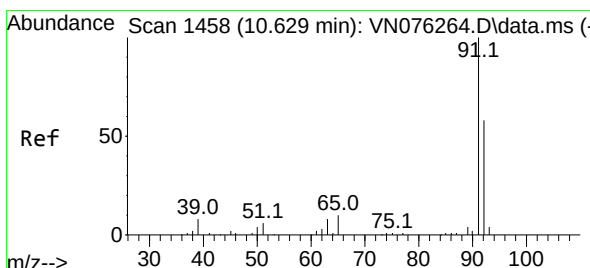
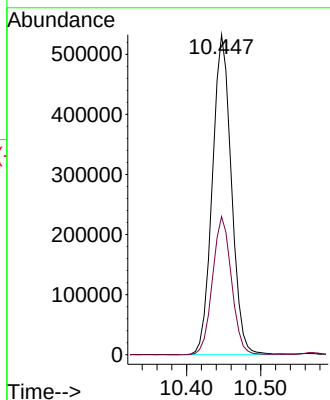
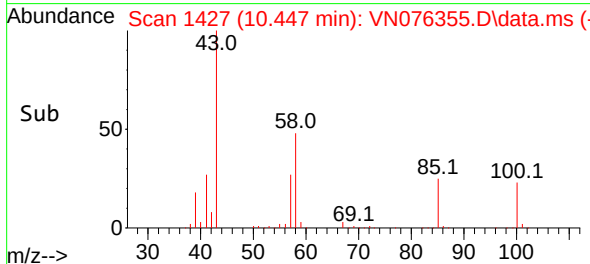
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 949464
Ion Ratio Lower Upper
43 100
58 43.0 35.1 52.7

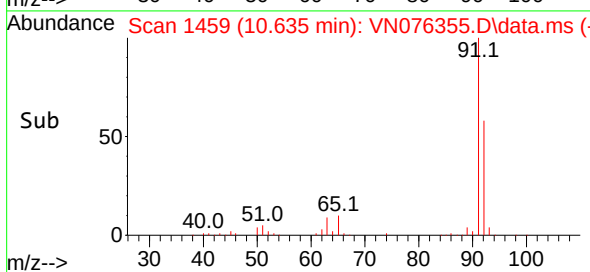
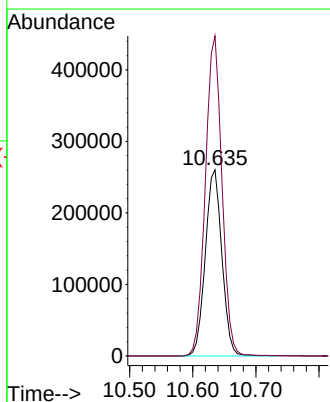
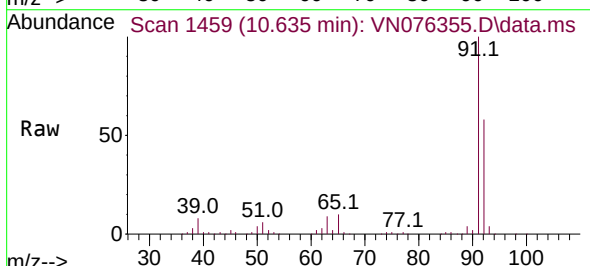
Manual Integrations
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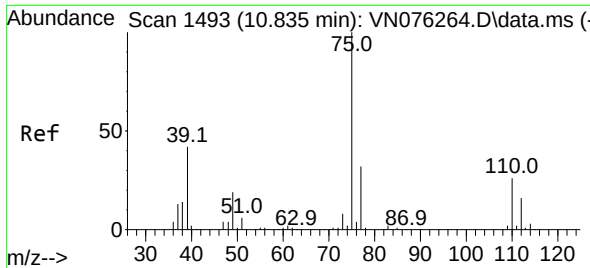
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#52
Toluene
Concen: 46.414 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

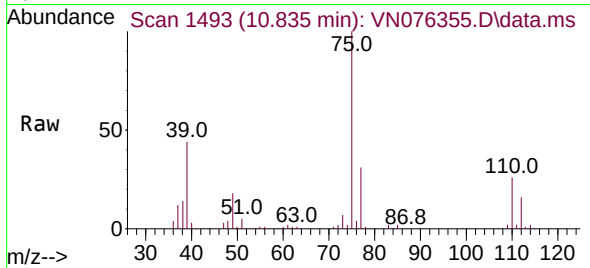
Tgt Ion: 92 Resp: 475280
Ion Ratio Lower Upper
92 100
91 171.8 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 53.647 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

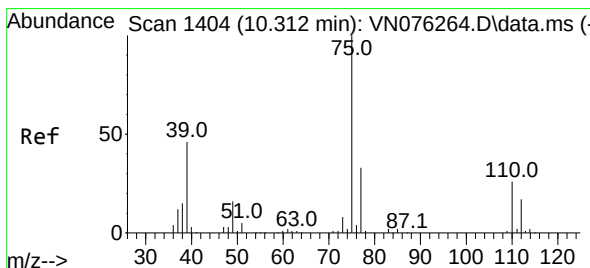
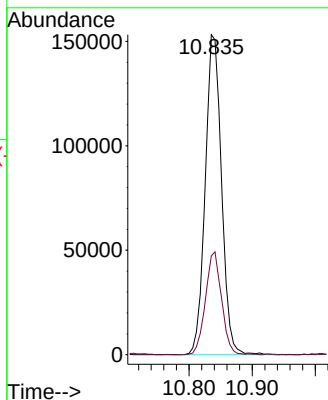
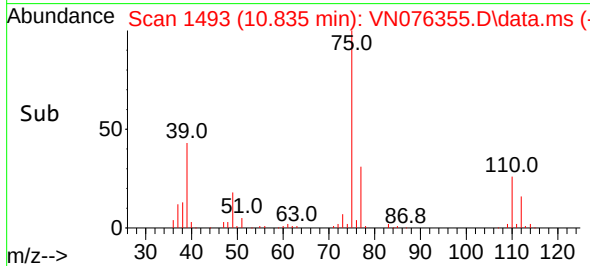
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 274554
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.6

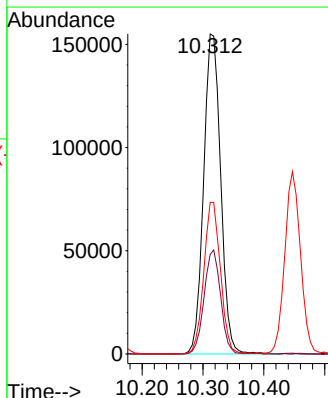
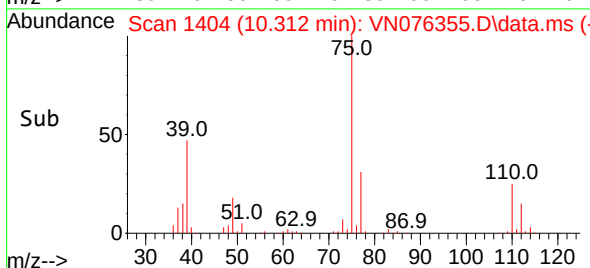
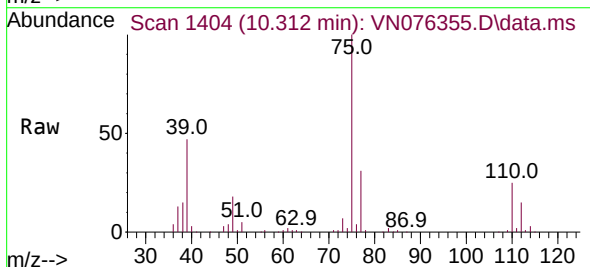
Manual Integrations
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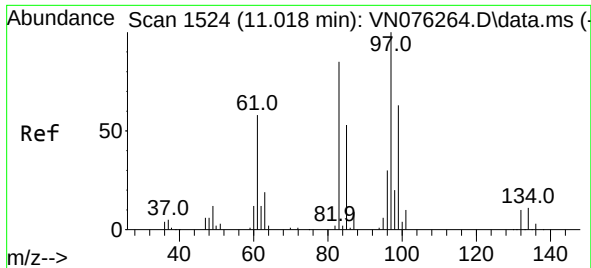
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#54
cis-1,3-Dichloropropene
Concen: 51.289 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

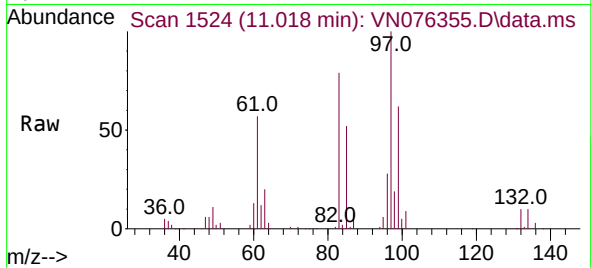
Tgt Ion: 75 Resp: 301979
Ion Ratio Lower Upper
75 100
77 31.1 26.5 39.7
39 47.4 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 46.960 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

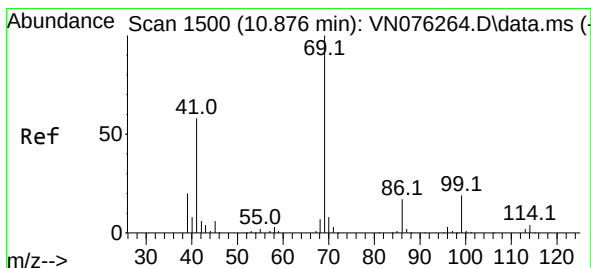
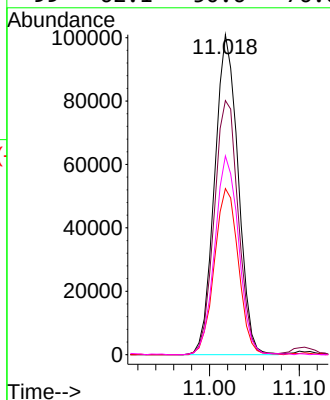
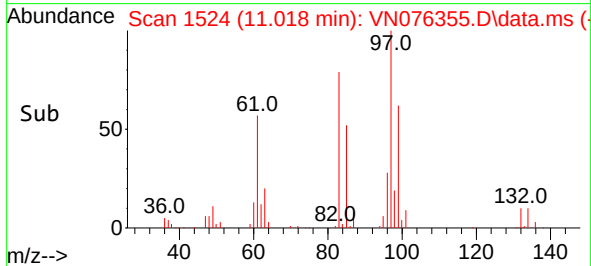
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 18380
Ion Ratio Lower Upper
97 100
83 79.4 67.8 101.6
85 51.9 42.3 63.5
99 62.1 50.6 76.0

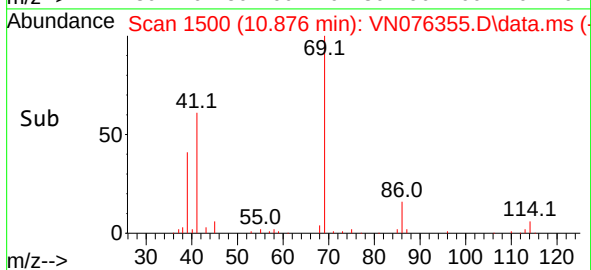
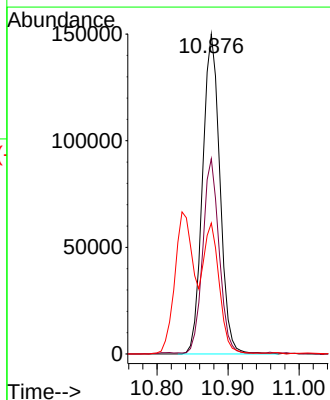
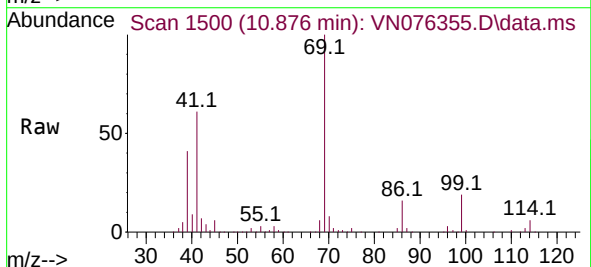
Manual Integrations
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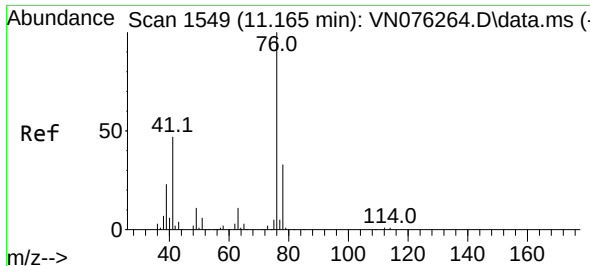
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#56
Ethyl methacrylate
Concen: 50.400 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Tgt Ion: 69 Resp: 254680
Ion Ratio Lower Upper
69 100
41 57.1 45.3 67.9
39 36.9 29.3 43.9





#57

1,3-Dichloropropane

Concen: 47.753 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 30374

Ion Ratio Lower Upper

76 100

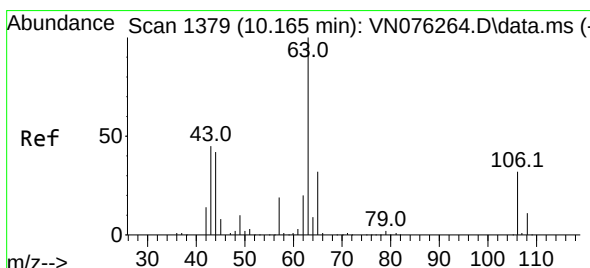
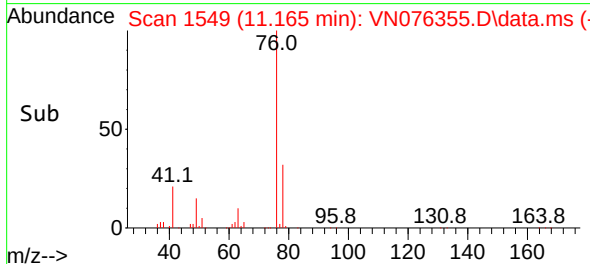
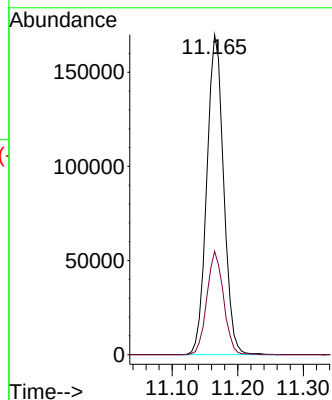
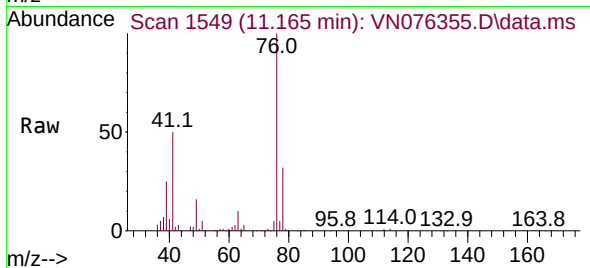
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.131 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076355.D

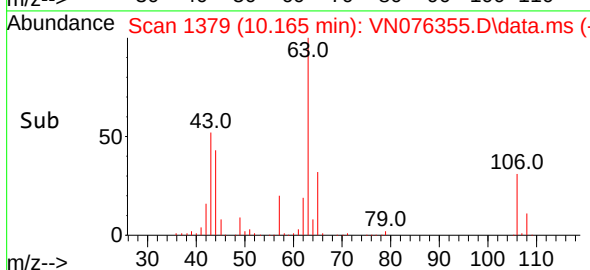
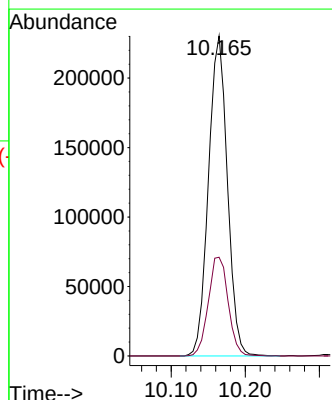
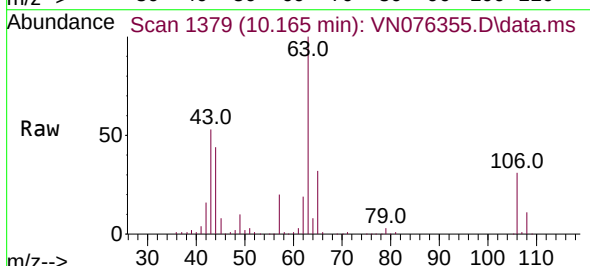
Acq: 23 Jan 2023 10:17

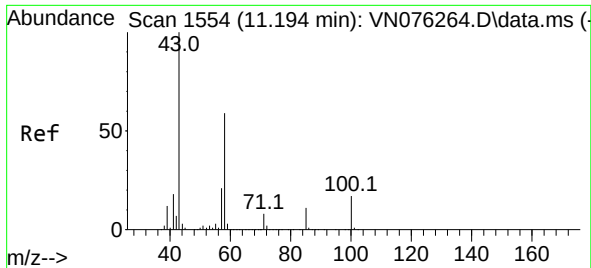
Tgt Ion: 63 Resp: 407937

Ion Ratio Lower Upper

63 100

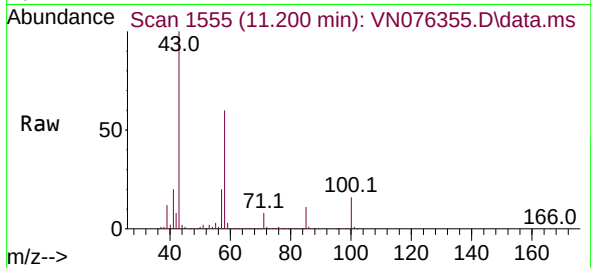
106 32.4 26.2 39.2





#59
2-Hexanone
Concen: 236.736 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

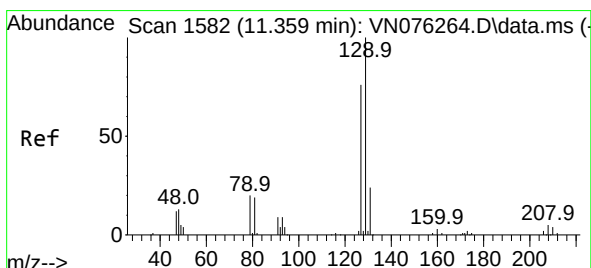
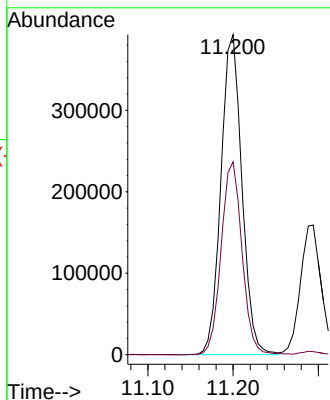
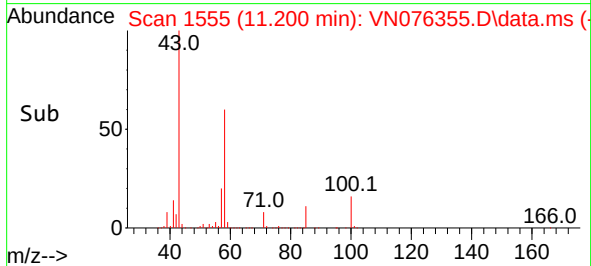
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 672934
Ion Ratio Lower Upper
43 100
58 60.0 30.1 90.3

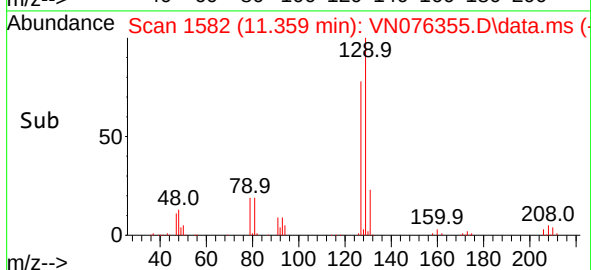
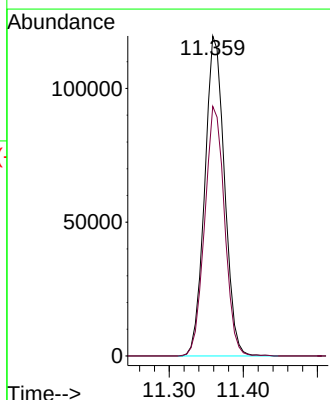
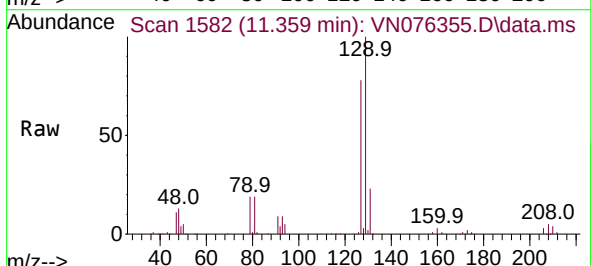
Manual Integrations
APPROVED

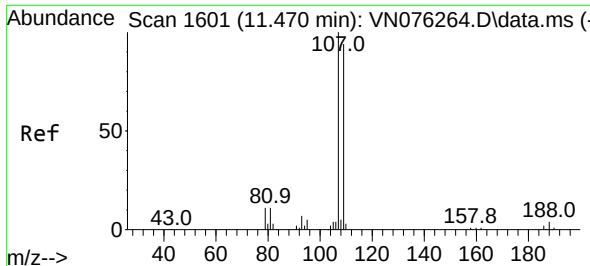
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#60
Dibromochloromethane
Concen: 53.678 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Tgt Ion:129 Resp: 221168
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1





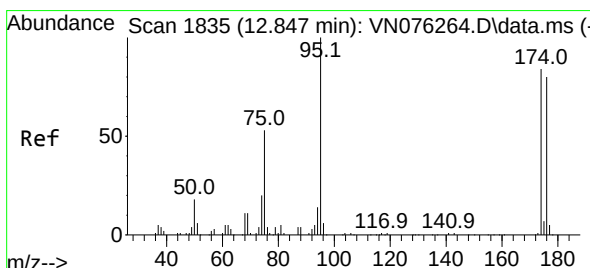
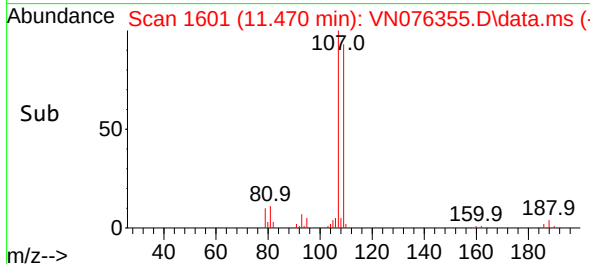
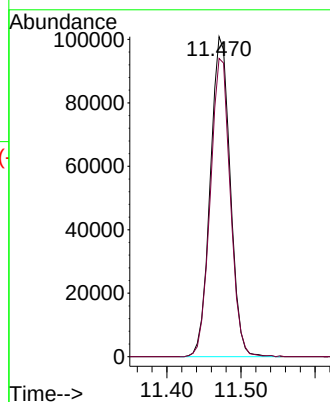
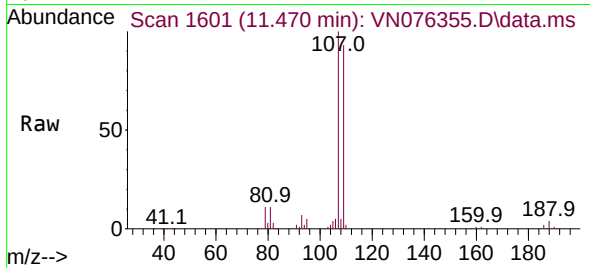
#61
1,2-Dibromoethane
Concen: 48.227 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 188417
Ion Ratio Lower Upper
107 100
109 93.4 76.0 114.0

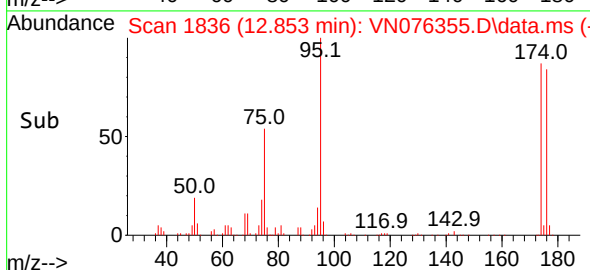
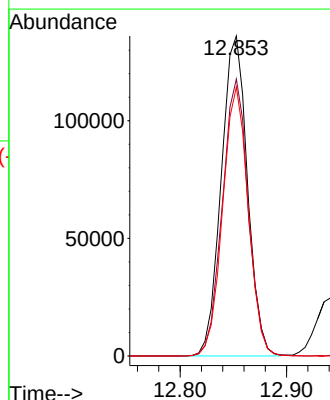
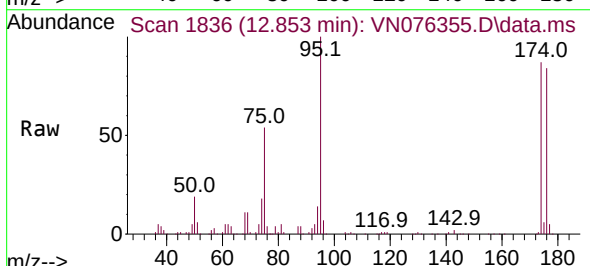
Manual Integrations
APPROVED

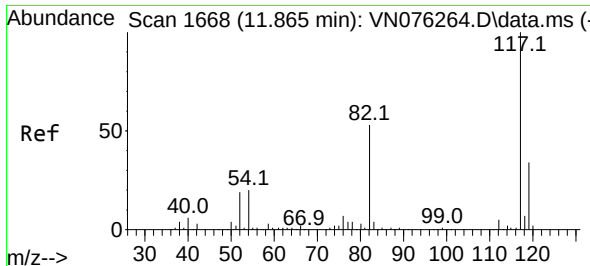
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#62
4-Bromofluorobenzene
Concen: 53.432 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

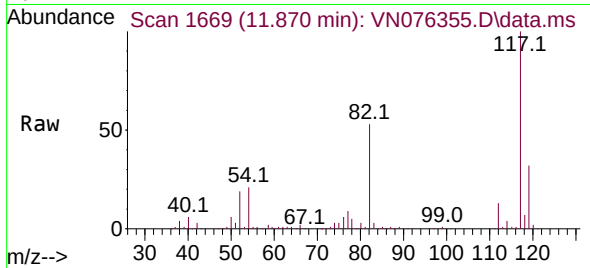
Tgt Ion: 95 Resp: 232157
Ion Ratio Lower Upper
95 100
174 85.2 0.0 174.6
176 81.9 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

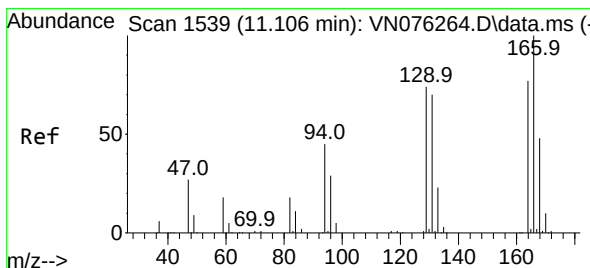
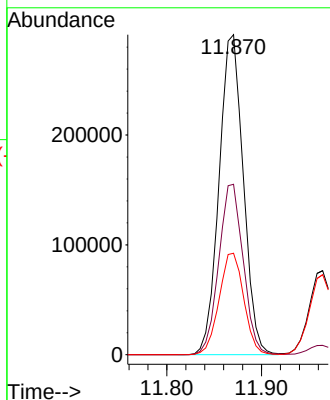
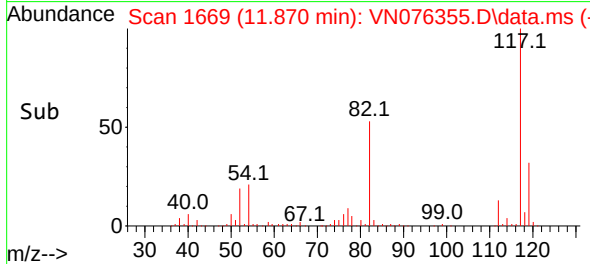
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 518968
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 31.7 26.9 40.3

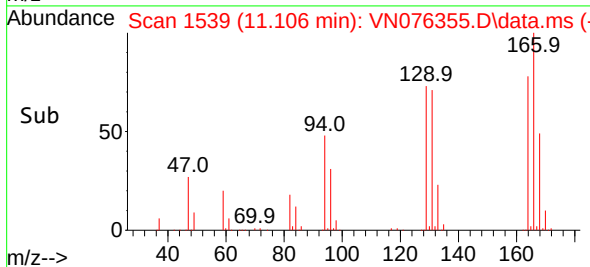
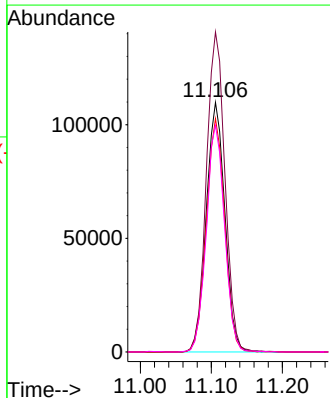
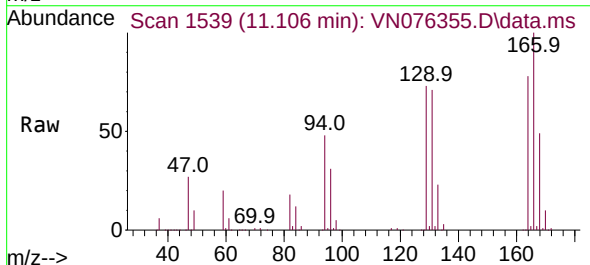
Manual Integrations
APPROVED

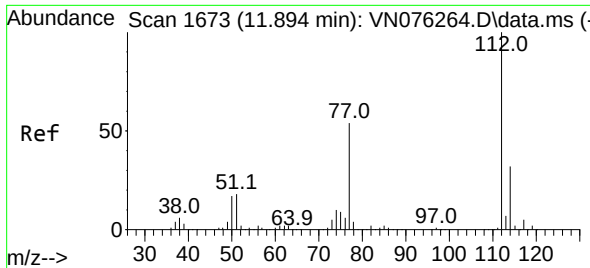
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#64
Tetrachloroethene
Concen: 42.730 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

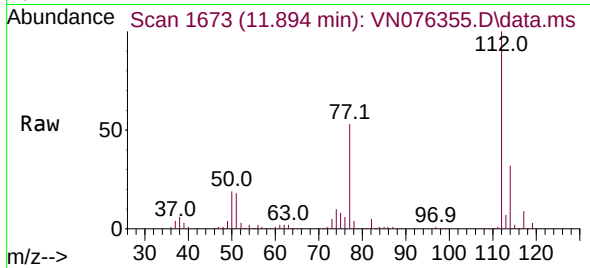
Tgt Ion:164 Resp: 199982
Ion Ratio Lower Upper
164 100
166 128.2 104.0 156.0
129 93.5 76.6 114.8
131 90.8 72.6 109.0





#65
Chlorobenzene
Concen: 45.828 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

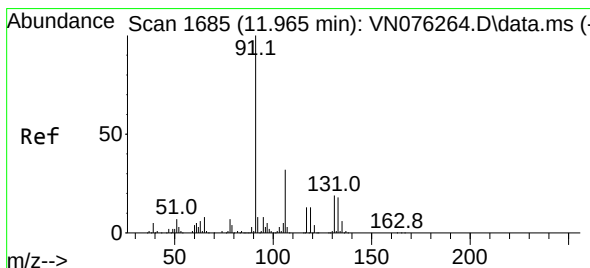
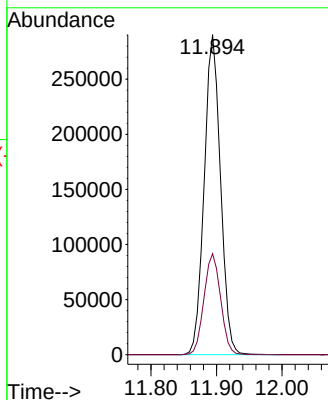
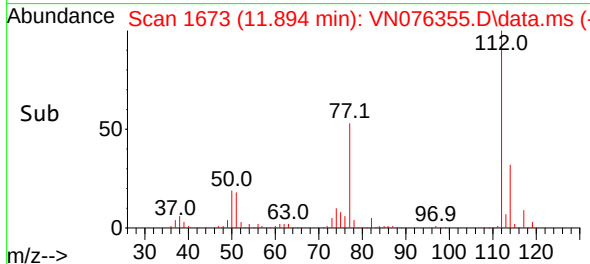
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



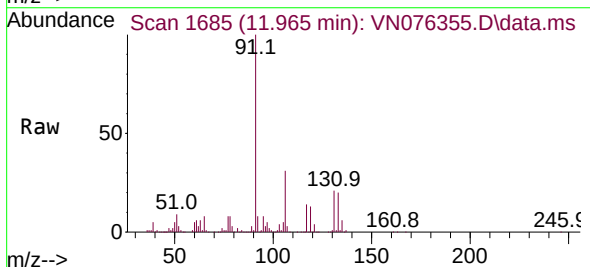
Tgt Ion:112 Resp: 502748
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9

Manual Integrations
APPROVED

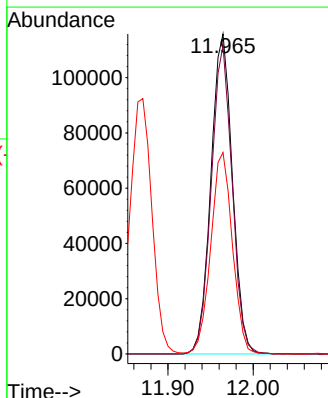
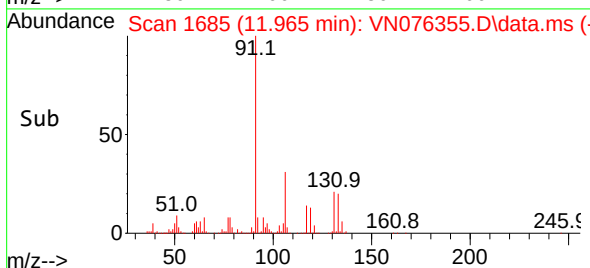
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

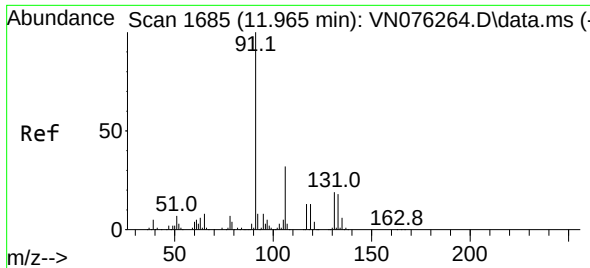


#66
1,1,1,2-Tetrachloroethane
Concen: 49.646 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion:131 Resp: 202640
Ion Ratio Lower Upper
131 100
133 93.9 47.4 142.2
119 63.6 32.3 96.8





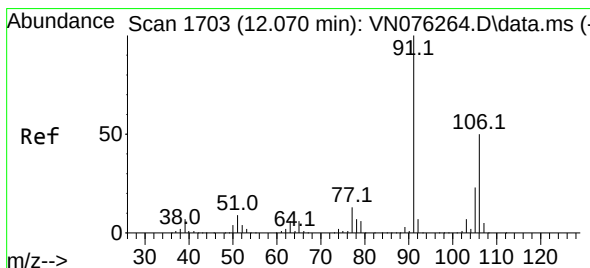
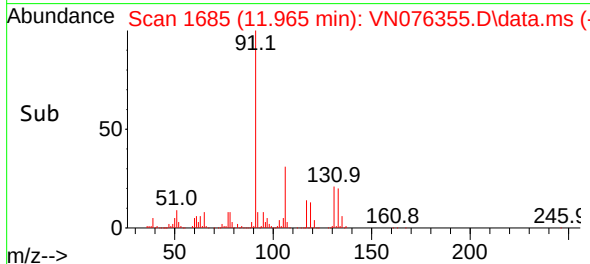
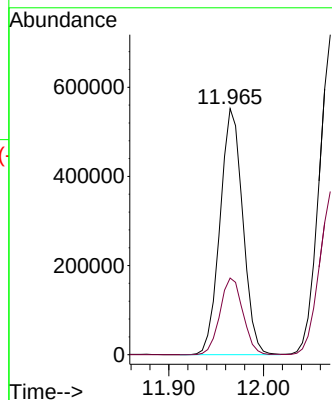
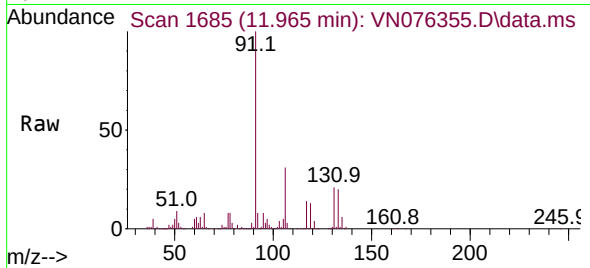
#67
Ethyl Benzene
Concen: 49.151 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 92283
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

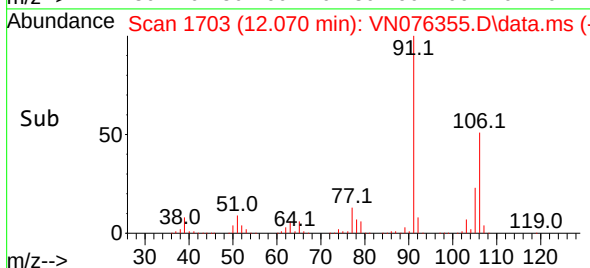
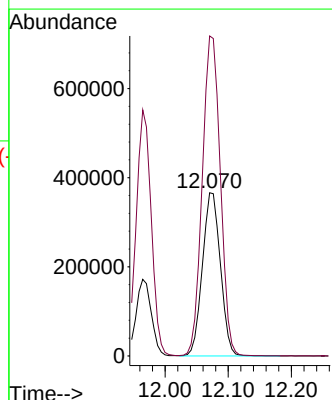
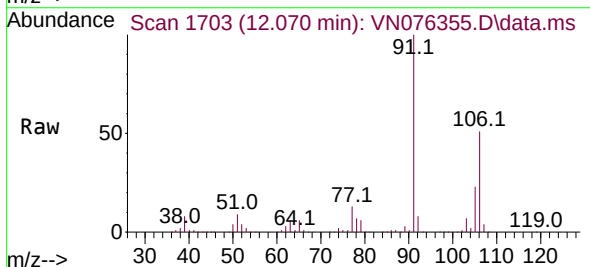
Manual Integrations
APPROVED

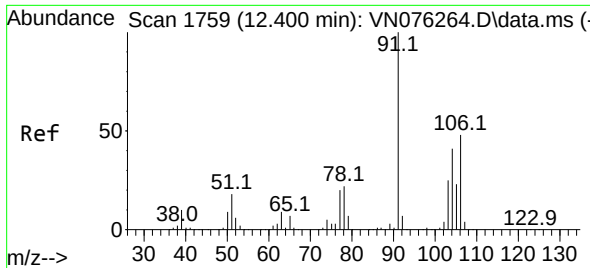
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#68
m/p-Xylenes
Concen: 96.311 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Tgt Ion:106 Resp: 725094
Ion Ratio Lower Upper
106 100
91 197.1 157.5 236.3





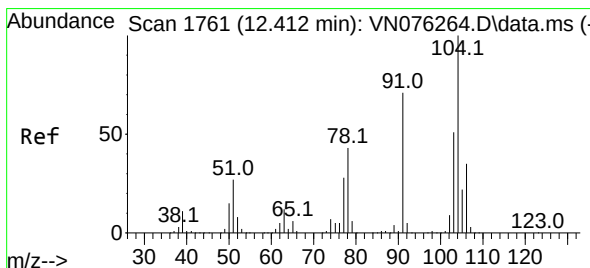
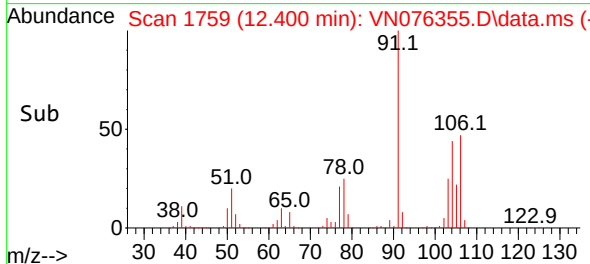
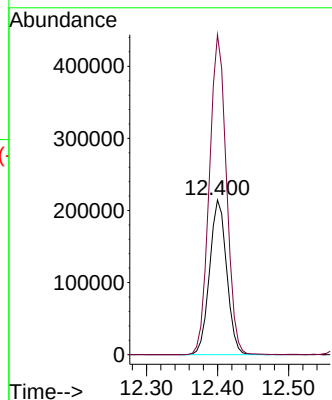
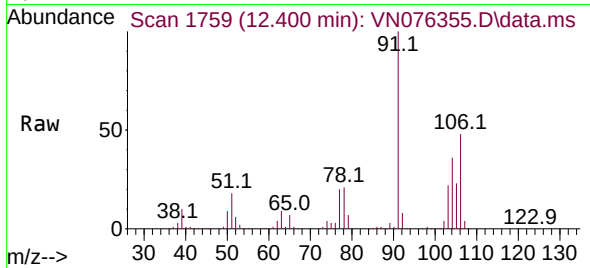
#69
o-Xylene
Concen: 48.480 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 358434
Ion Ratio Lower Upper
106 100
91 207.3 103.2 309.4

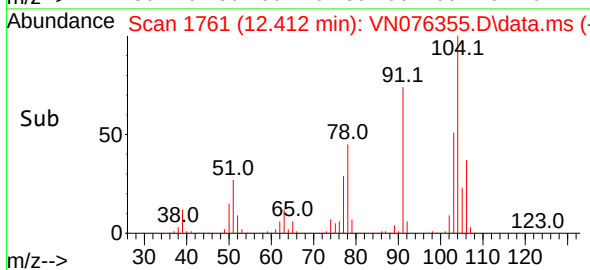
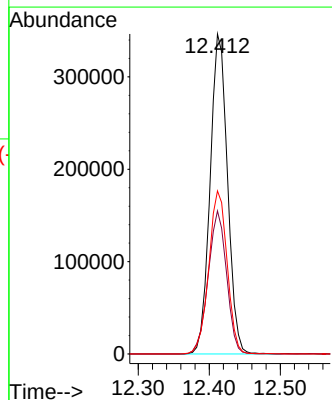
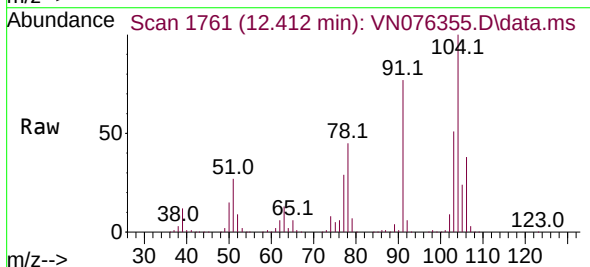
Manual Integrations
APPROVED

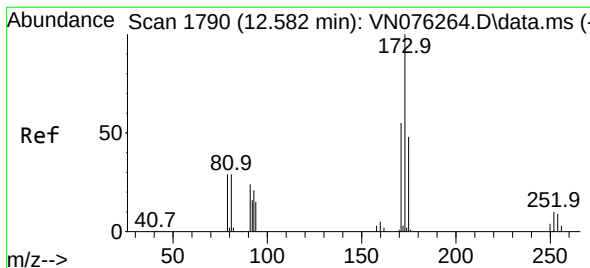
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#70
Styrene
Concen: 49.890 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Tgt Ion:104 Resp: 588955
Ion Ratio Lower Upper
104 100
78 47.2 37.4 56.0
103 53.9 44.2 66.2





#71

Bromoform

Concen: 54.409 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 160379

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

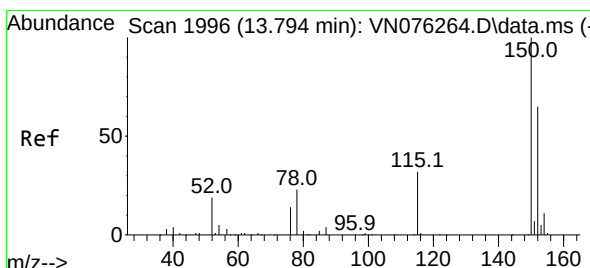
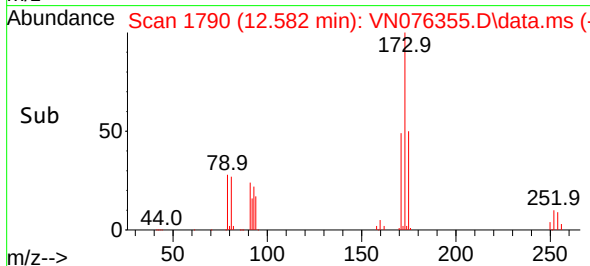
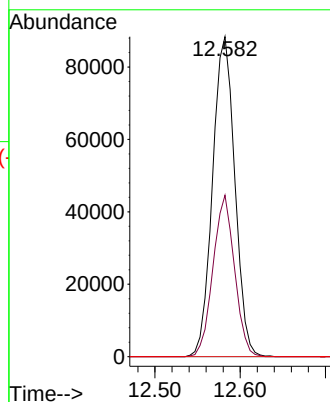
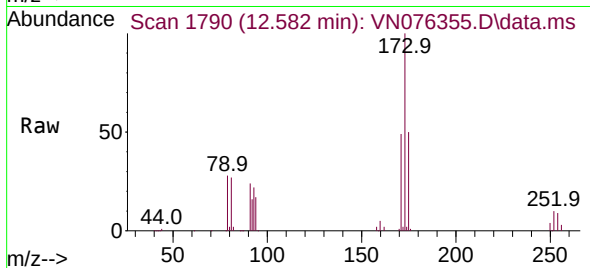
254 0.0 0.0 0.0

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: VN076355.D

Acq: 23 Jan 2023 10:17

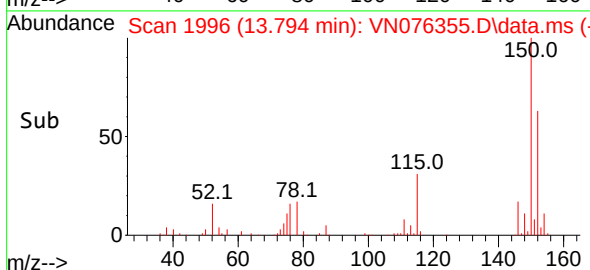
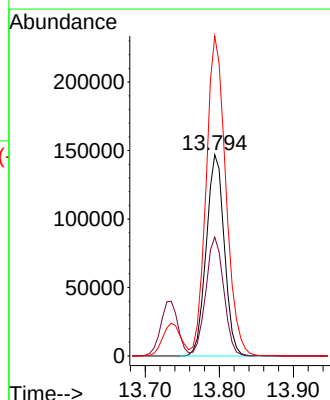
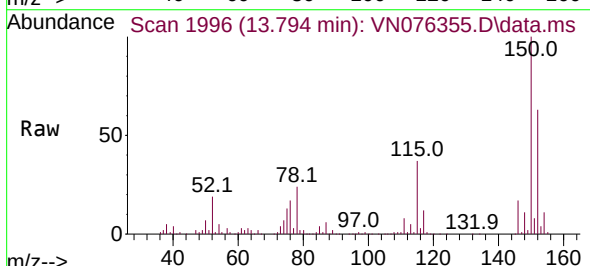
Tgt Ion:152 Resp: 248688

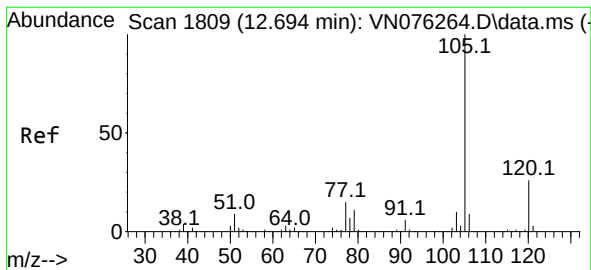
Ion Ratio Lower Upper

152 100

115 58.9 29.6 88.9

150 173.1 0.0 351.4





#73

Isopropylbenzene

Concen: 48.581 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 93463

Ion Ratio Lower Upper

105 100

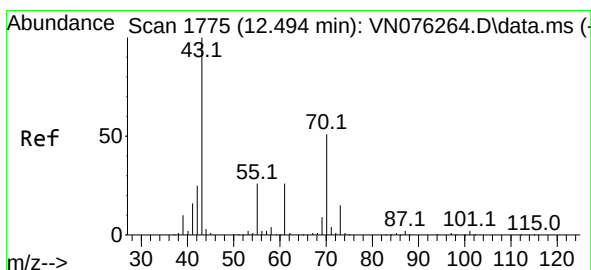
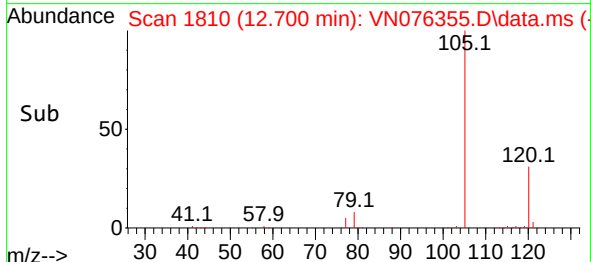
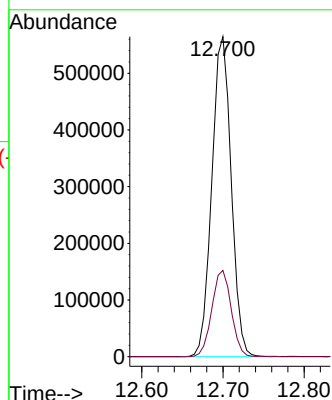
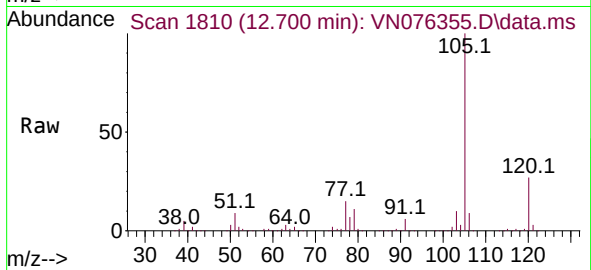
120 26.9 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#74

N-ethyl acetate

Concen: 47.743 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

Tgt Ion: 43 Resp: 264210

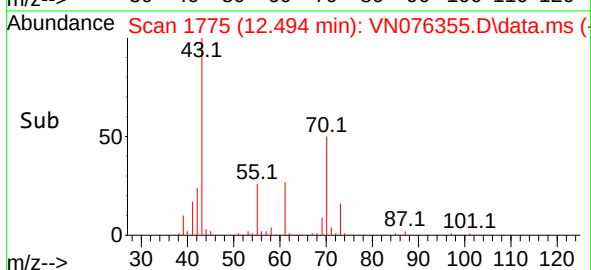
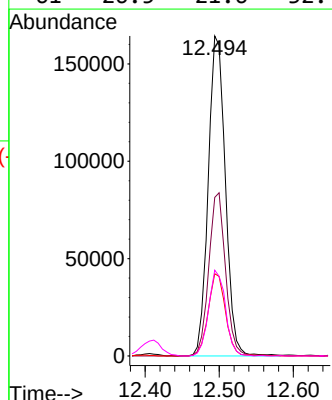
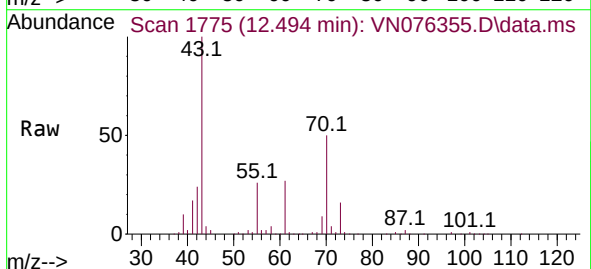
Ion Ratio Lower Upper

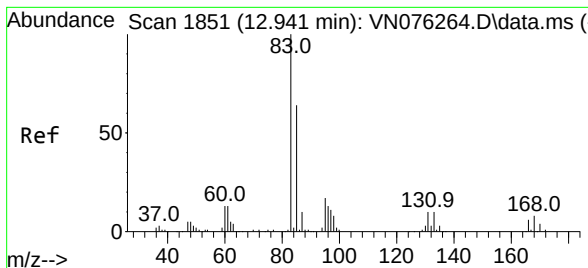
43 100

70 49.9 41.2 61.8

55 26.1 21.0 31.6

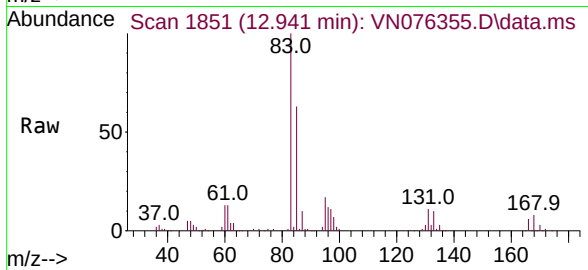
61 26.5 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 45.394 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

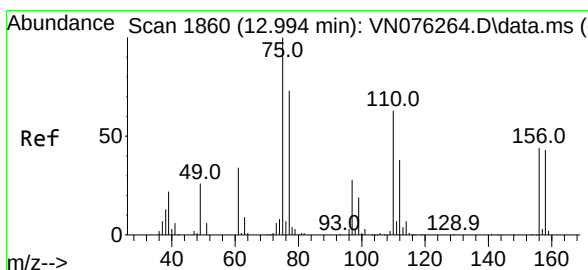
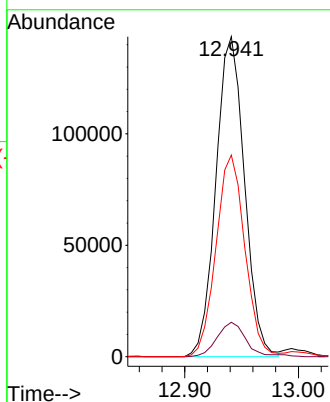
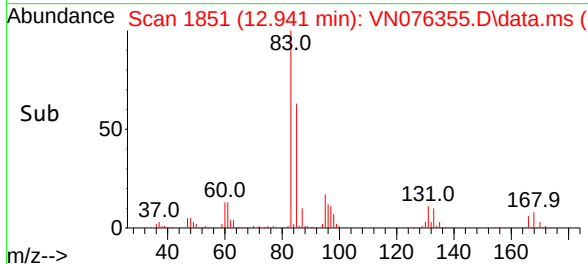
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



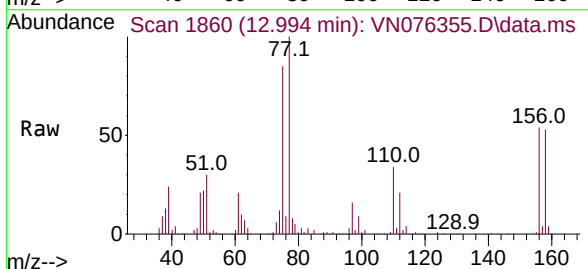
Tgt Ion: 83 Resp: 251050
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.4
85 63.6 31.7 95.1

Manual Integrations
APPROVED

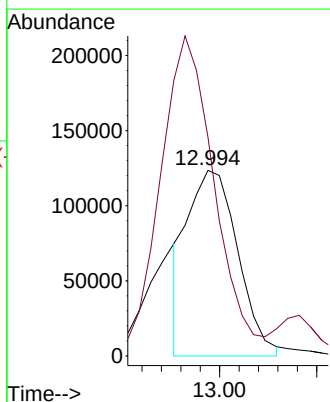
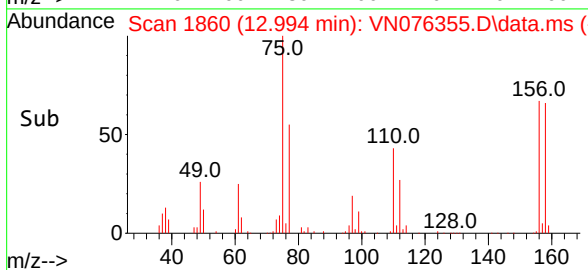
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

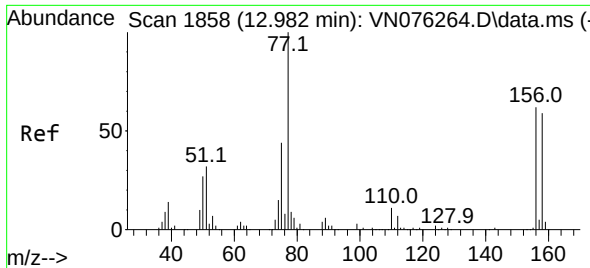


#76
1,2,3-Trichloropropane
Concen: 49.108 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



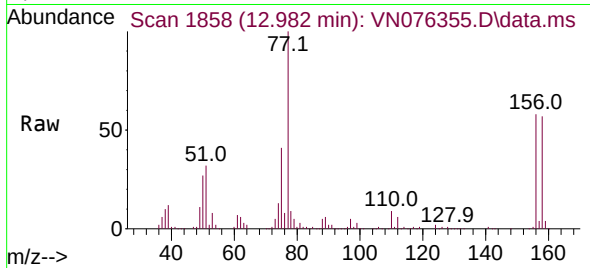
Tgt Ion: 75 Resp: 222560
Ion Ratio Lower Upper
75 100
77 186.2 75.2 225.6





#77
Bromobenzene
Concen: 48.156 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

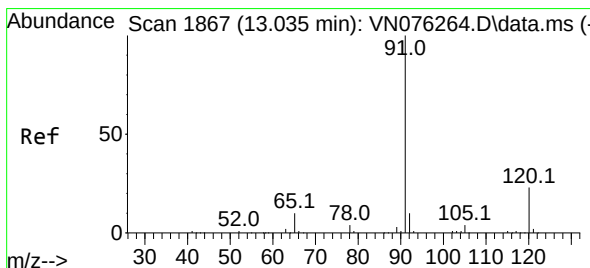
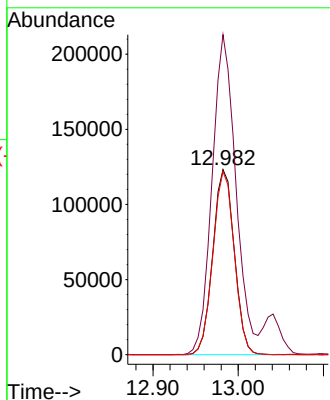
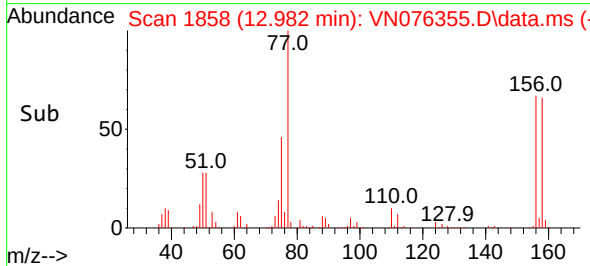
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



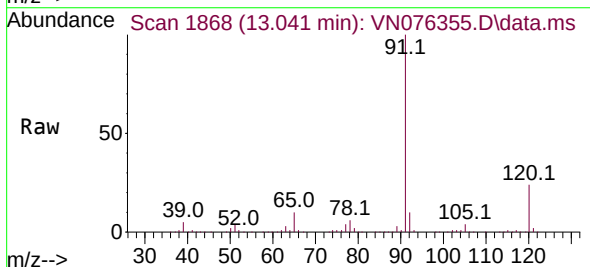
Tgt Ion:156 Resp: 21669
Ion Ratio Lower Upper
156 100
77 191.3 93.4 280.2
158 98.2 48.4 145.2

Manual Integrations
APPROVED

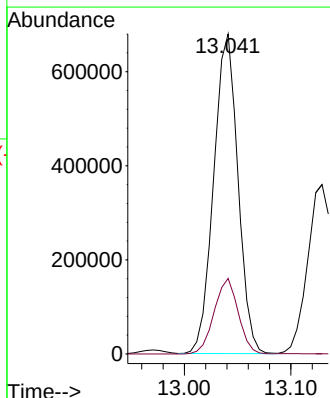
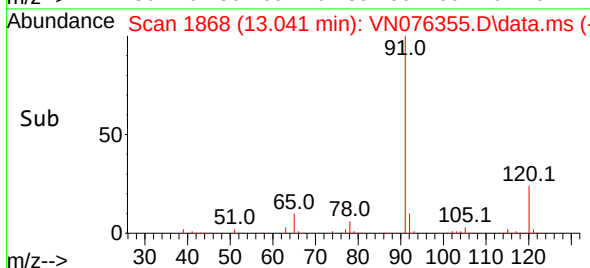
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

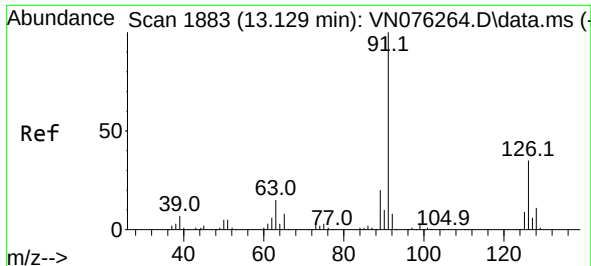


#78
n-propylbenzene
Concen: 49.396 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion: 91 Resp: 1072268
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





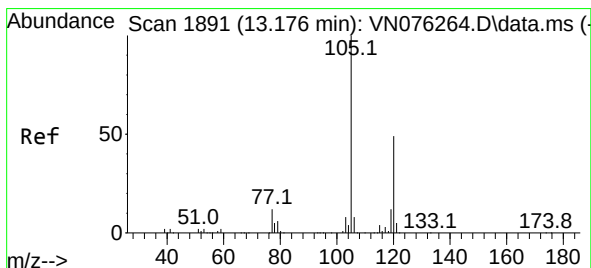
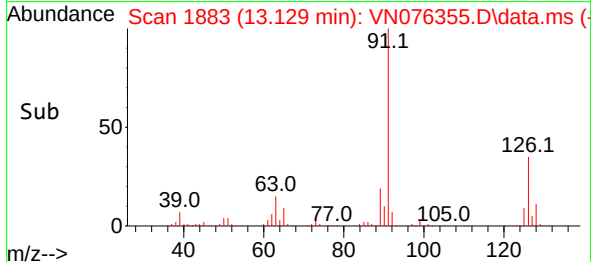
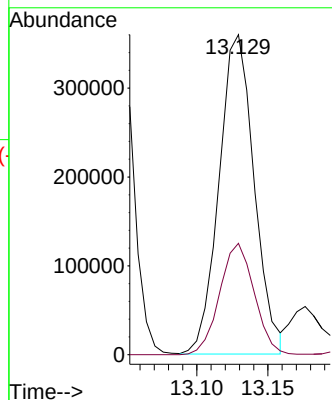
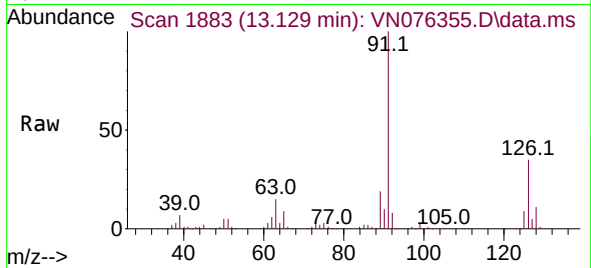
#79
2-Chlorotoluene
Concen: 46.461 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 61888
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.2

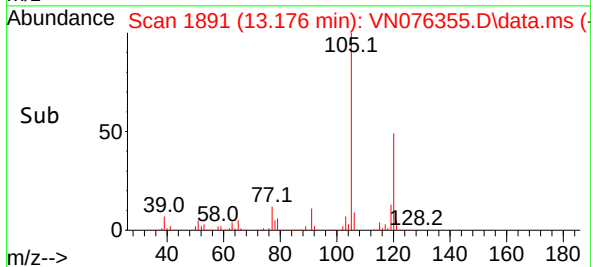
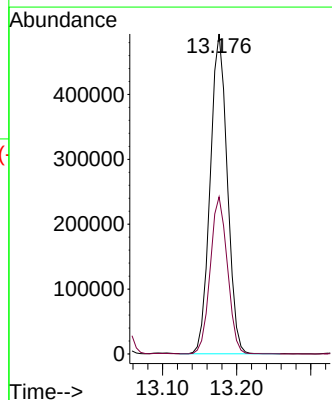
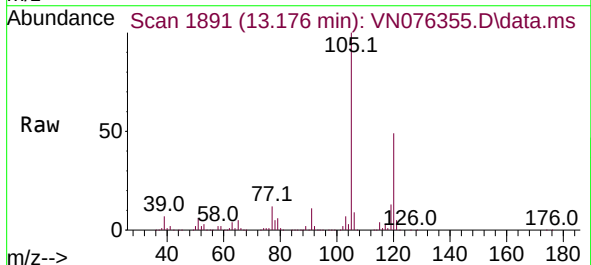
Manual Integrations
APPROVED

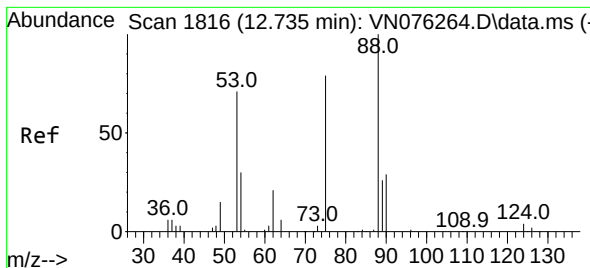
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.004 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Tgt Ion:105 Resp: 789818
Ion Ratio Lower Upper
105 100
120 49.3 25.0 75.0





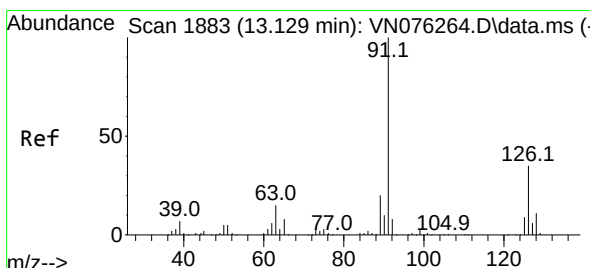
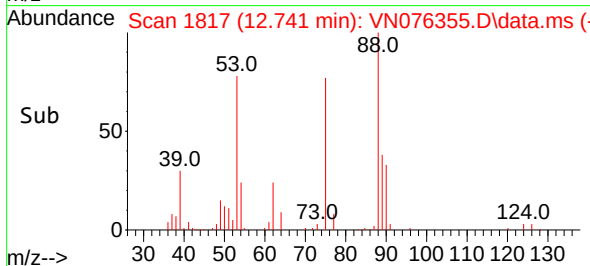
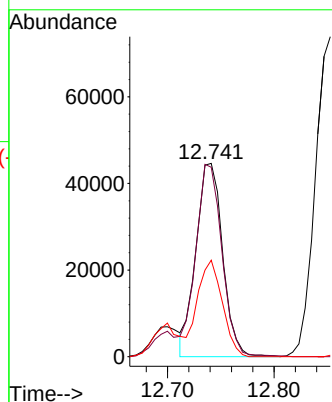
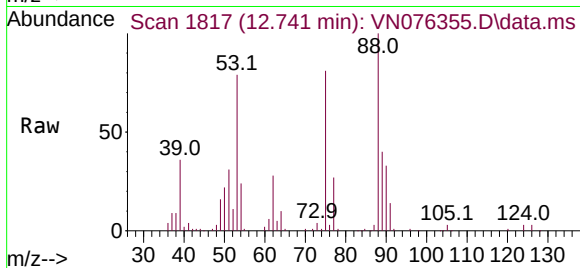
#81
trans-1,4-Dichloro-2-butene
Concen: 52.157 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7795
Ion Ratio Lower Upper
75 100
53 99.6 75.8 113.8
89 46.0 37.0 55.6

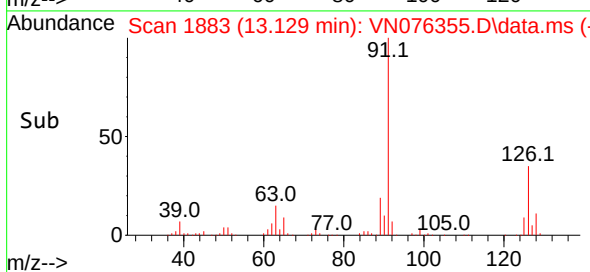
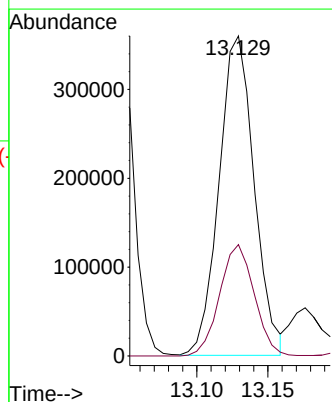
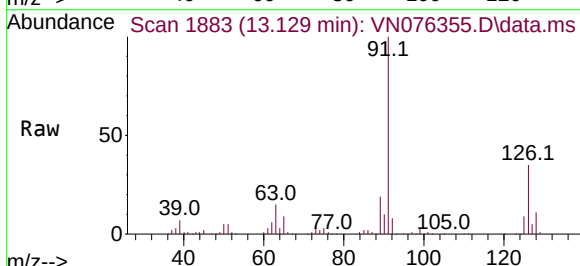
Manual Integrations
APPROVED

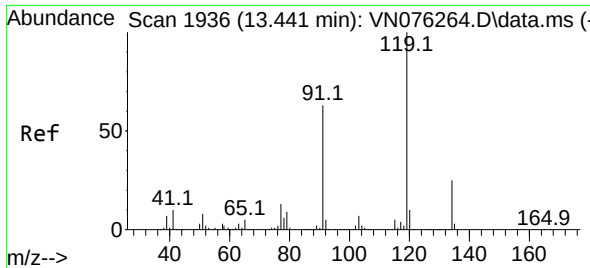
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#82
4-Chlorotoluene
Concen: 46.461 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

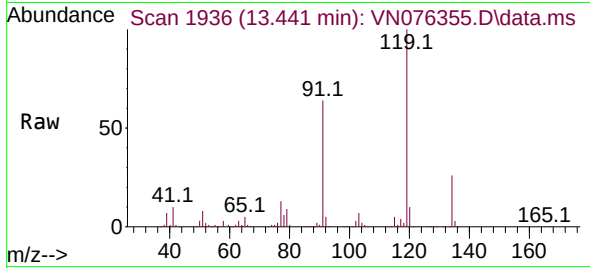
Tgt Ion: 91 Resp: 618883
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.2





#83
tert-Butylbenzene
Concen: 49.362 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

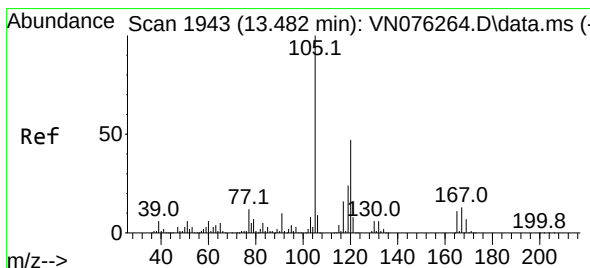
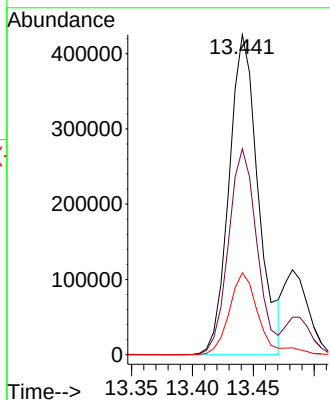
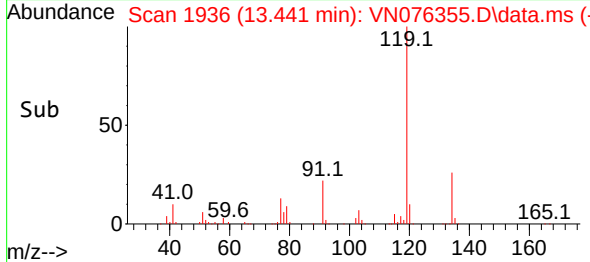
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 707591
Ion Ratio Lower Upper
119 100
91 63.3 32.2 96.6
134 26.0 13.6 40.8

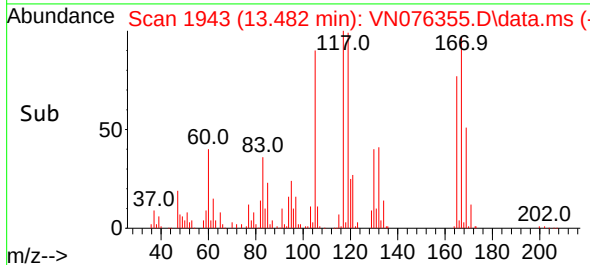
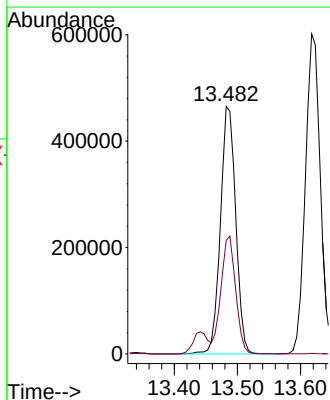
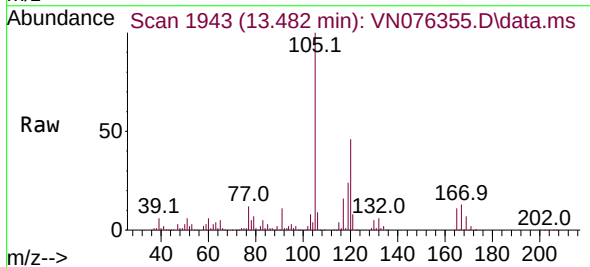
Manual Integrations
APPROVED

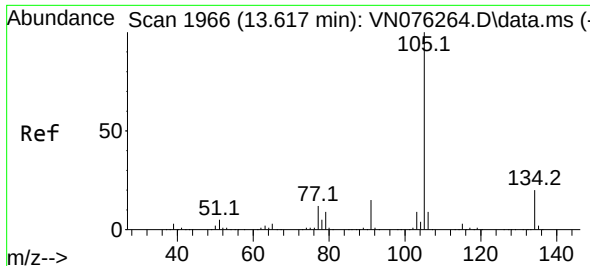
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.611 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

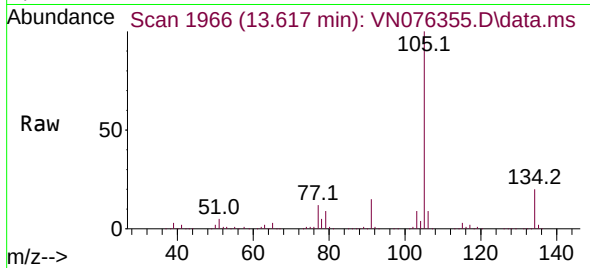
Tgt Ion:105 Resp: 785620
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 49.489 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076355.D
 Acq: 23 Jan 2023 10:17

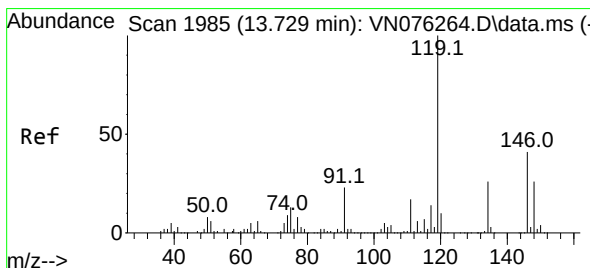
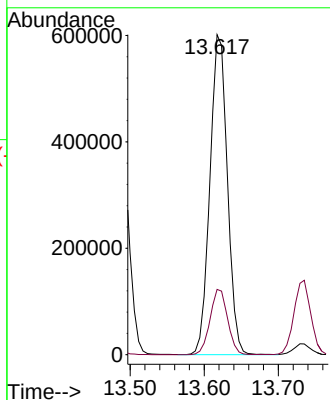
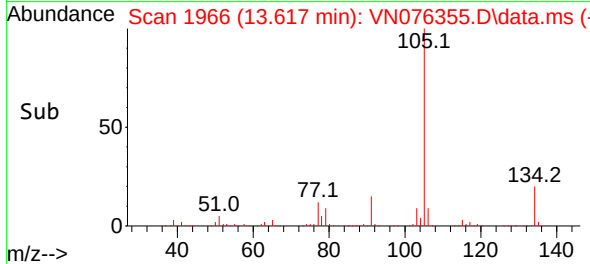
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



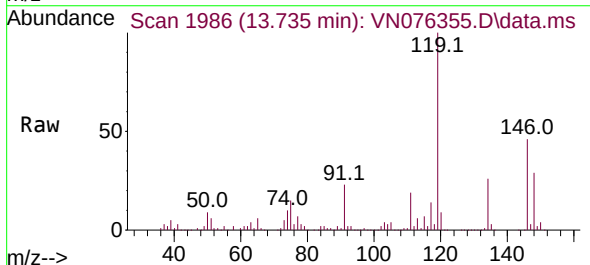
Tgt Ion:105 Resp: 984375
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

Manual Integrations
 APPROVED

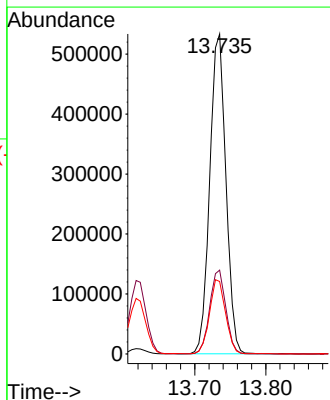
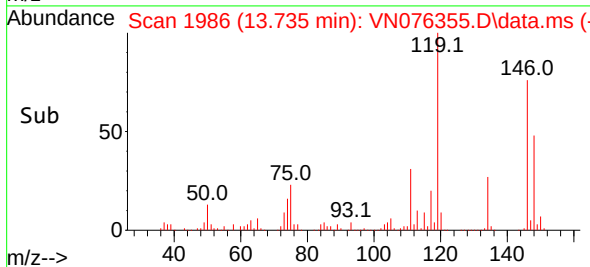
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

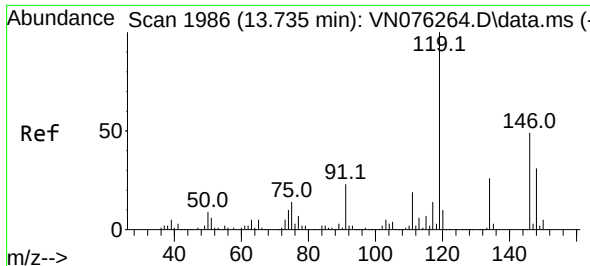


#86
 p-Isopropyltoluene
 Concen: 51.395 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076355.D
 Acq: 23 Jan 2023 10:17



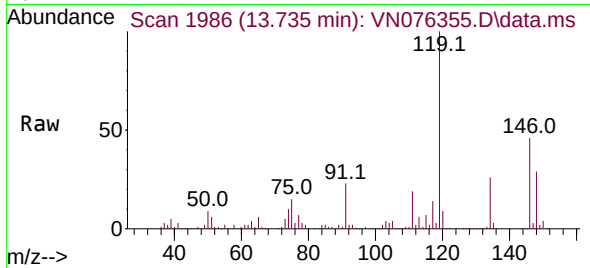
Tgt Ion:119 Resp: 840639
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 23.1 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 45.438 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076355.D
 Acq: 23 Jan 2023 10:17

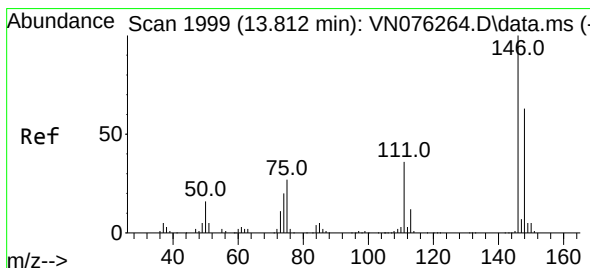
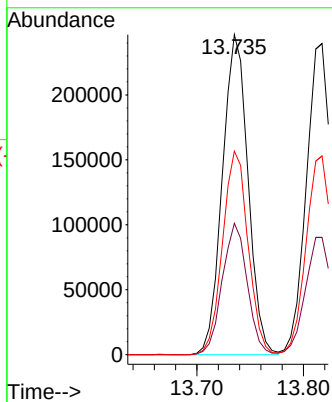
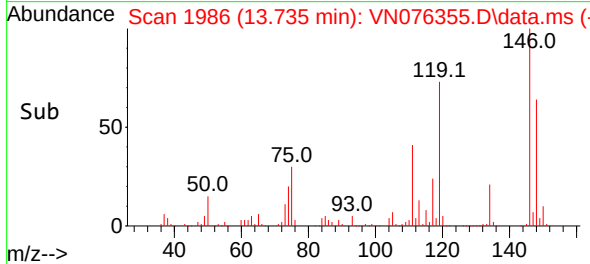
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



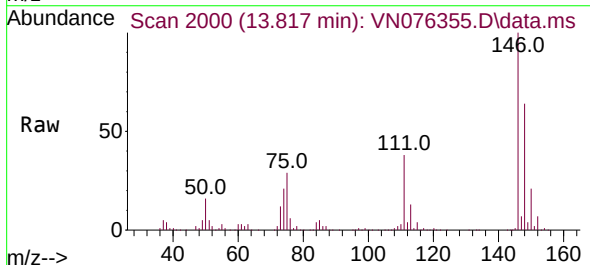
Tgt Ion:146 Resp: 412020
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 63.3 31.6 94.8

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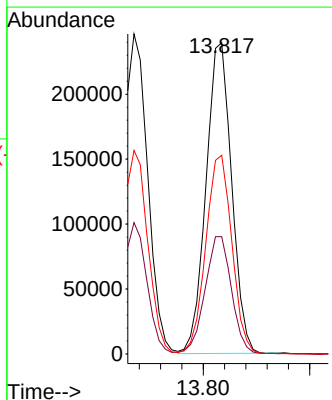
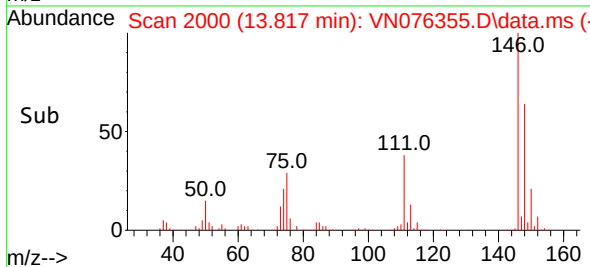
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

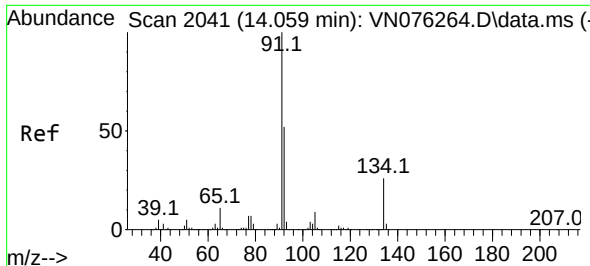


#88
 1,4-Dichlorobenzene
 Concen: 46.399 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN076355.D
 Acq: 23 Jan 2023 10:17



Tgt Ion:146 Resp: 400166
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.5
 148 65.3 31.9 95.9





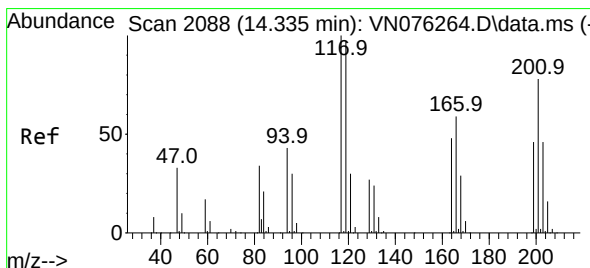
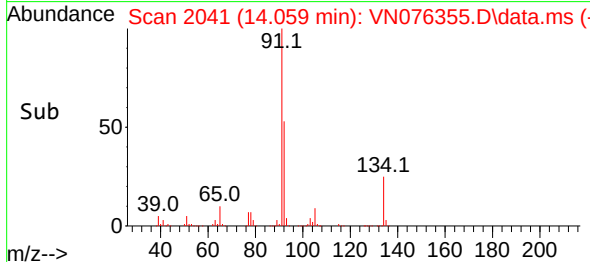
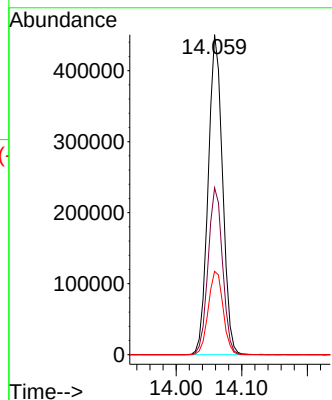
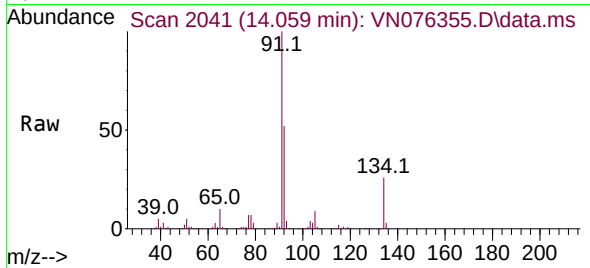
#89
n-Butylbenzene
Concen: 52.933 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 68730
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 26.9 13.2 39.5

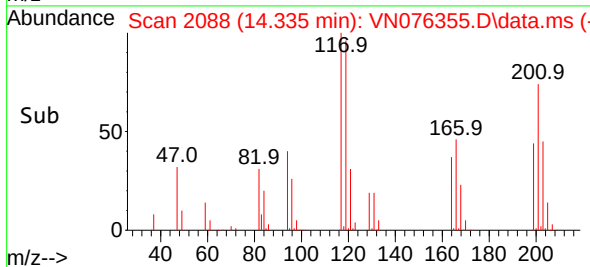
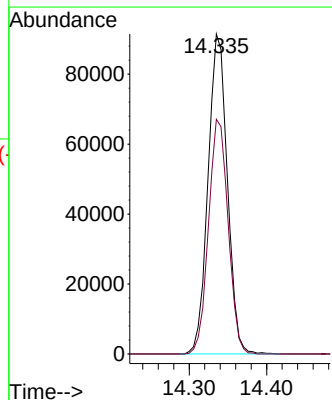
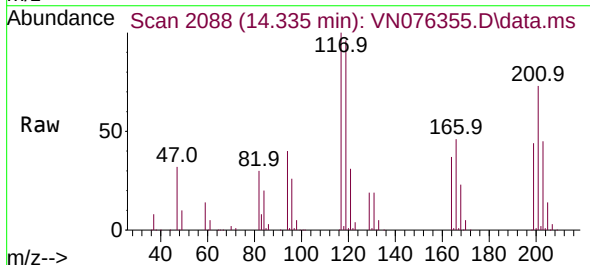
Manual Integrations
APPROVED

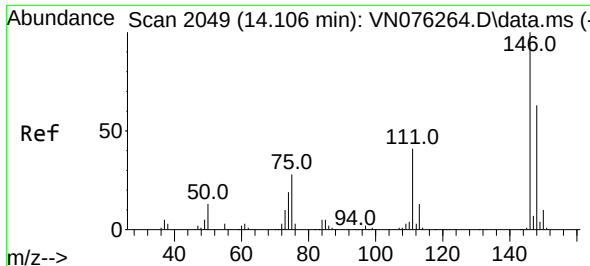
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#90
Hexachloroethane
Concen: 56.181 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

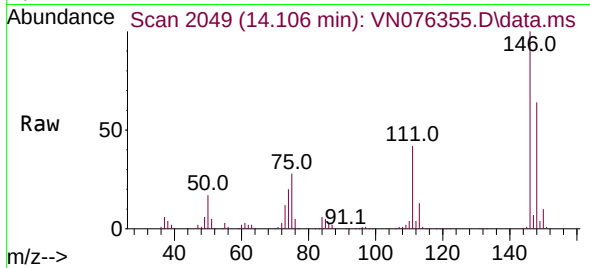
Tgt Ion:117 Resp: 158599
Ion Ratio Lower Upper
117 100
201 74.4 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 44.403 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

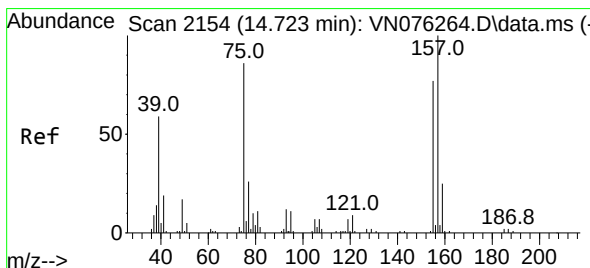
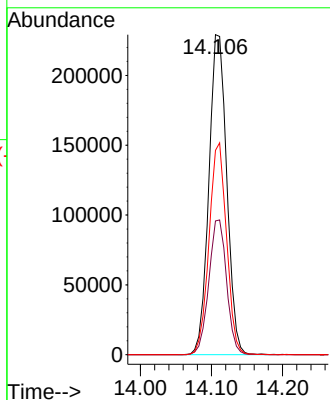
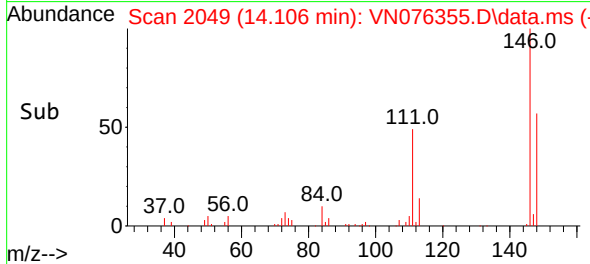
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



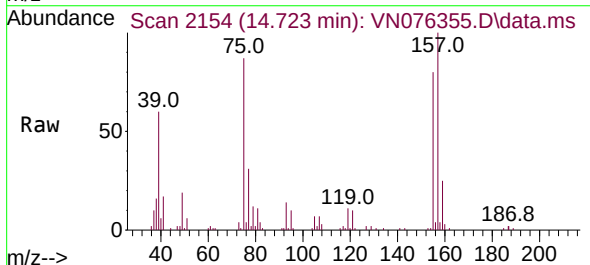
Tgt Ion:146 Resp: 401028
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.8
148 64.8 31.8 95.4

Manual Integrations
APPROVED

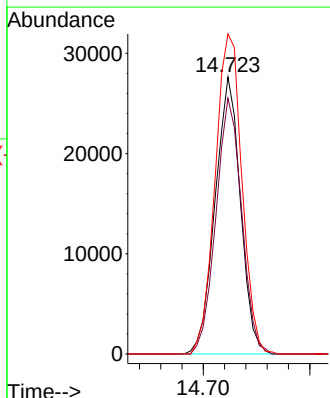
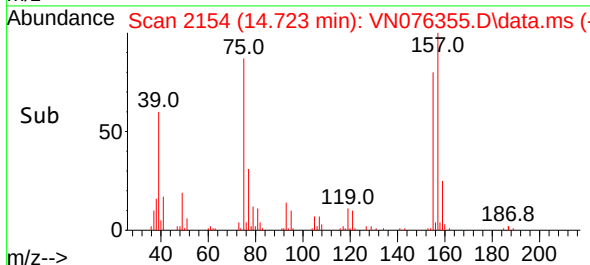
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

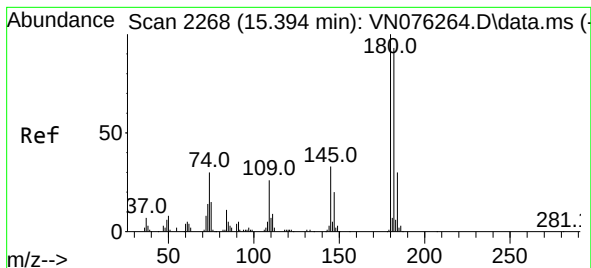


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.382 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion: 75 Resp: 45551
Ion Ratio Lower Upper
75 100
155 93.5 45.0 135.0
157 122.1 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 46.870 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076355.D

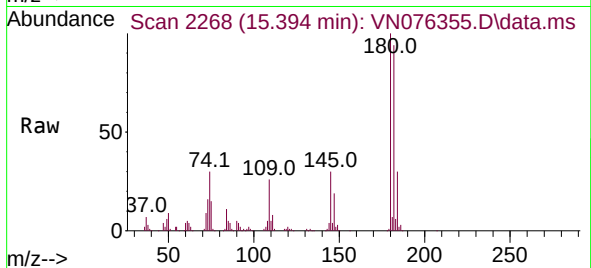
Acq: 23 Jan 2023 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 204174

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

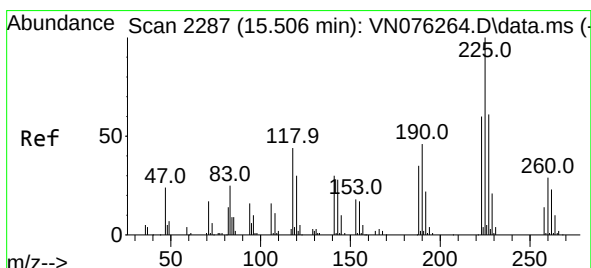
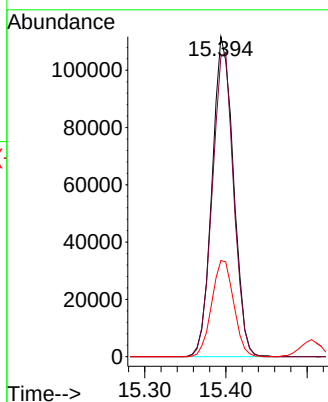
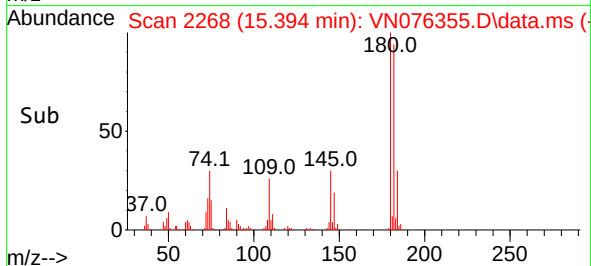
145 30.9 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#94

Hexachlorobutadiene

Concen: 45.410 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076355.D

Acq: 23 Jan 2023 10:17

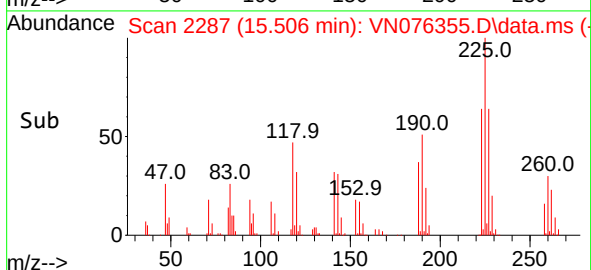
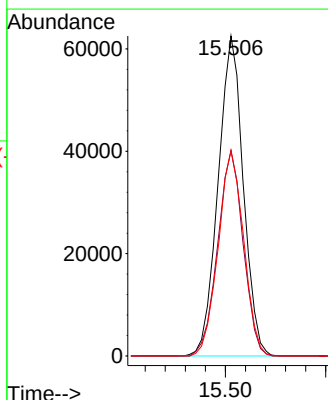
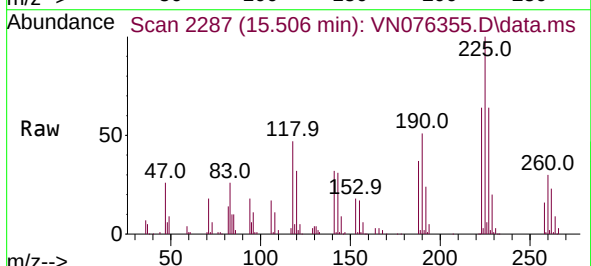
Tgt Ion:225 Resp: 108834

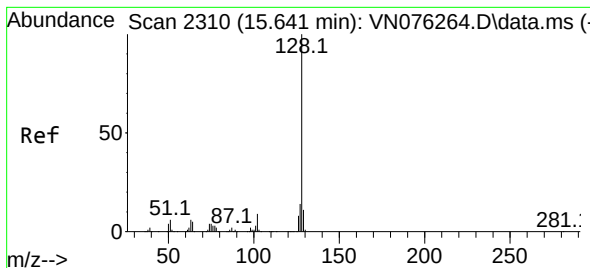
Ion Ratio Lower Upper

225 100

223 64.9 30.8 92.3

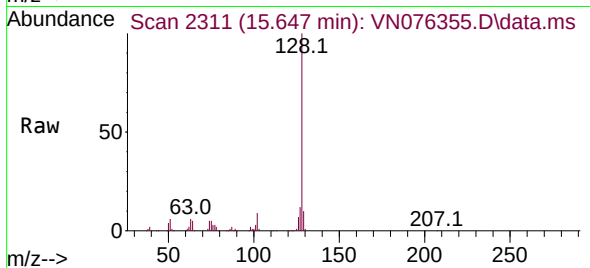
227 64.7 30.9 92.8





#95
Naphthalene
Concen: 44.334 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17

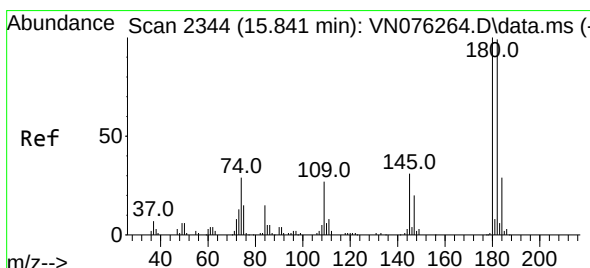
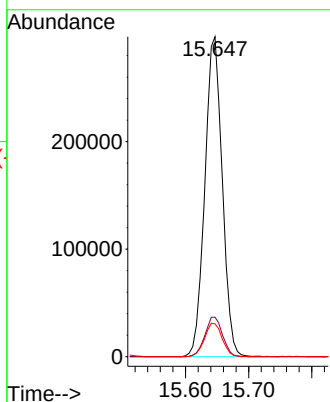
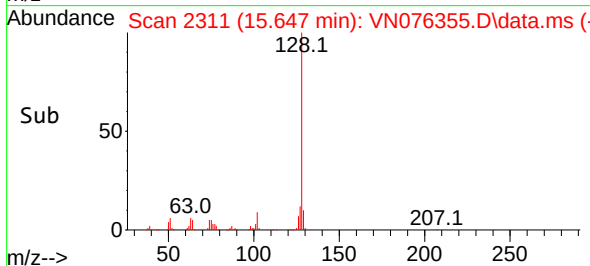
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



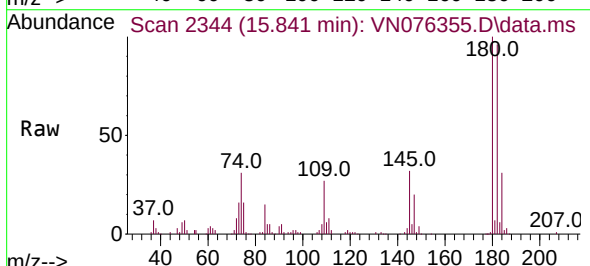
Tgt Ion:128 Resp: 570050
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.248 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076355.D
Acq: 23 Jan 2023 10:17



Tgt Ion:180 Resp: 196268
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 32.1 15.9 47.6

