

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076341.D
 Acq On : 20 Jan 2023 12:25
 Operator : JC\MD
 Sample : VN0120WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 22:13:33 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	359856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206739	51.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	8.177	113	184544	51.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	10.571	98	674666	51.425	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.853	95	228736	53.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	66768	18.106	ug/l	96
3) Chloromethane	2.371	50	65995	17.285	ug/l	92
4) Vinyl Chloride	2.530	62	85700	18.305	ug/l	99
5) Bromomethane	2.971	94	71845	18.739	ug/l	95
6) Chloroethane	3.130	64	66521	18.949	ug/l	92
7) Trichlorofluoromethane	3.506	101	115837	17.985	ug/l	98
8) Diethyl Ether	3.977	74	41649	19.279	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	68231	18.713	ug/l	99
10) Methyl Iodide	4.600	142	101336	18.195	ug/l	98
11) Tert butyl alcohol	5.530	59	52593	97.586	ug/l	99
12) 1,1-Dichloroethene	4.353	96	59882	17.373	ug/l	91
13) Acrolein	4.195	56	64851	100.619	ug/l	98
14) Allyl chloride	5.042	41	80012	19.920	ug/l	90
15) Acrylonitrile	5.730	53	145034	94.568	ug/l	99
16) Acetone	4.442	43	117609	91.006	ug/l	98
17) Carbon Disulfide	4.730	76	139789	16.288	ug/l	98
18) Methyl Acetate	5.042	43	81064	18.519	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	222856	19.861	ug/l	99
20) Methylene Chloride	5.289	84	79552	20.458	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	67122	17.976	ug/l	93
22) Diisopropyl ether	6.683	45	182192	19.234	ug/l	94
23) Vinyl Acetate	6.612	43	605204	98.859	ug/l	99
24) 1,1-Dichloroethane	6.583	63	115870	18.351	ug/l	98
25) 2-Butanone	7.489	43	181956	92.235	ug/l	96
26) 2,2-Dichloropropane	7.500	77	100204	18.830	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	81172	18.638	ug/l	100
28) Bromochloromethane	7.818	49	52249	20.416	ug/l	97
29) Tetrahydrofuran	7.847	42	117556	96.551	ug/l	99
30) Chloroform	7.971	83	131113	18.767	ug/l	99
31) Cyclohexane	8.265	56	107403	17.352	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	118127	18.519	ug/l	92
36) 1,1-Dichloropropene	8.377	75	91550	18.136	ug/l	100
37) Ethyl Acetate	7.571	43	79109	19.561	ug/l	99
38) Carbon Tetrachloride	8.371	117	105471	18.736	ug/l	98
39) Methylcyclohexane	9.606	83	117793	19.109	ug/l	96
40) Benzene	8.612	78	283795	18.802	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	39355	18.564	ug/l	95
42) 1,2-Dichloroethane	8.677	62	100512	19.463	ug/l	99
43) Isopropyl Acetate	8.694	43	126721	19.239	ug/l	100
44) Trichloroethene	9.359	130	76703	17.967	ug/l	99
45) 1,2-Dichloropropane	9.624	63	69462	19.221	ug/l	97
46) Dibromomethane	9.712	93	51505	18.877	ug/l	98
47) Bromodichloromethane	9.894	83	103221	19.505	ug/l	97
48) Methyl methacrylate	9.682	41	59243	18.999	ug/l	97
49) 1,4-Dioxane	9.700	88	27154	412.692	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	382537	98.932	ug/l	100
52) Toluene	10.635	92	187153	18.541	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	100015	19.826	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	112409	19.368	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	75047	19.451	ug/l	97
56) Ethyl methacrylate	10.877	69	104247	20.929	ug/l	99
57) 1,3-Dichloropropane	11.165	76	120714	19.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	150219	89.332	ug/l	98
59) 2-Hexanone	11.200	43	274893	98.106	ug/l	100
60) Dibromochloromethane	11.365	129	82222	20.244	ug/l	100
61) 1,2-Dibromoethane	11.471	107	74612	19.374	ug/l	99
64) Tetrachloroethene	11.106	164	84550	18.380	ug/l	96
65) Chlorobenzene	11.894	112	202417	18.772	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	78380	19.537	ug/l	98
67) Ethyl Benzene	11.965	91	351745	19.060	ug/l	98
68) m/p-Xylenes	12.071	106	282887	38.228	ug/l	99
69) o-Xylene	12.400	106	139665	19.219	ug/l	97
70) Styrene	12.412	104	225404	19.426	ug/l	99
71) Bromoform	12.576	173	57383	19.806	ug/l #	100
73) Isopropylbenzene	12.700	105	365948	19.861	ug/l	100
74) N-amyl acetate	12.500	43	103656	19.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	102001	19.257	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	90078m	20.195	ug/l	
77) Bromobenzene	12.982	156	86603	19.764	ug/l	99
78) n-propylbenzene	13.041	91	403966	19.431	ug/l	100
79) 2-Chlorotoluene	13.129	91	243812	19.111	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	304105	19.701	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	26297	18.370	ug/l	97
82) 4-Chlorotoluene	13.129	91	243812	19.111	ug/l	99
83) tert-Butylbenzene	13.441	119	279577	20.364	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	306434	19.798	ug/l	98
85) sec-Butylbenzene	13.618	105	376667	19.772	ug/l	100
86) p-Isopropyltoluene	13.735	119	317969	20.298	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	157388	18.123	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	155032	18.829	ug/l	98
89) n-Butylbenzene	14.059	91	241448	19.416	ug/l	100
90) Hexachloroethane	14.335	117	51584	19.079	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	156897	18.139	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18299	19.874	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	73264	18.377	ug/l	98
94) Hexachlorobutadiene	15.506	225	41004	17.864	ug/l	98
95) Naphthalene	15.647	128	219791	18.946	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	70926	18.546	ug/l	99

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

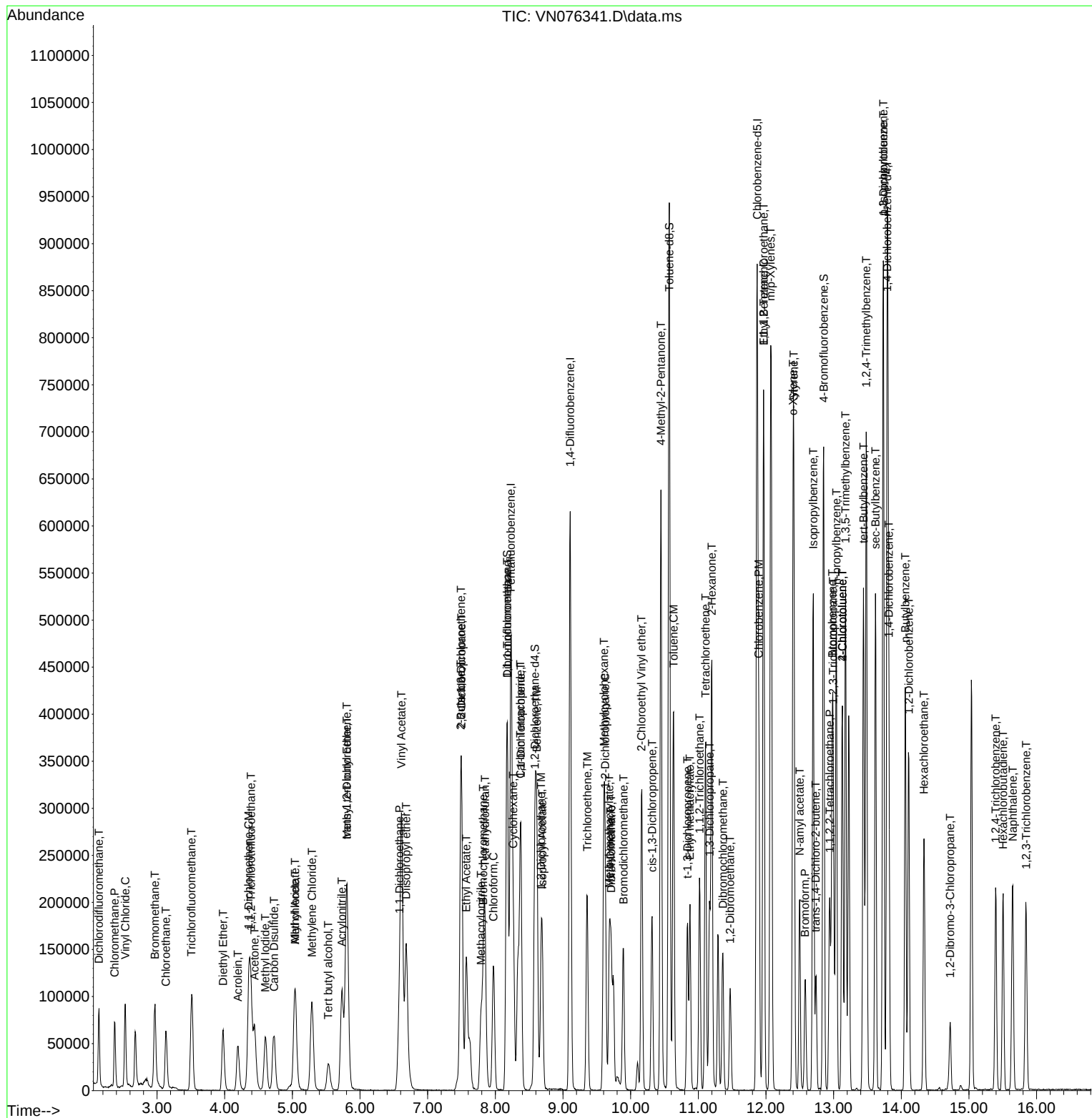
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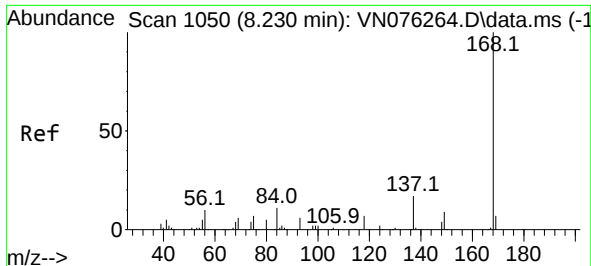
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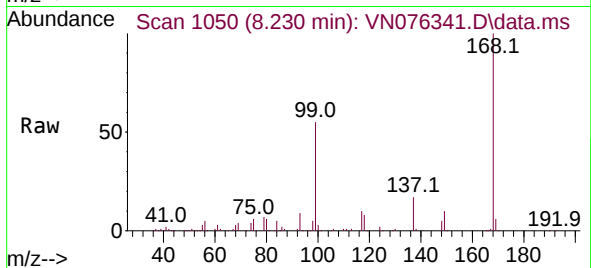
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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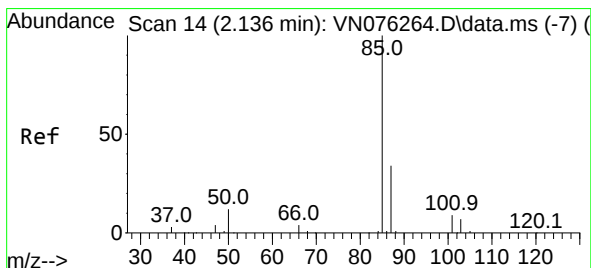
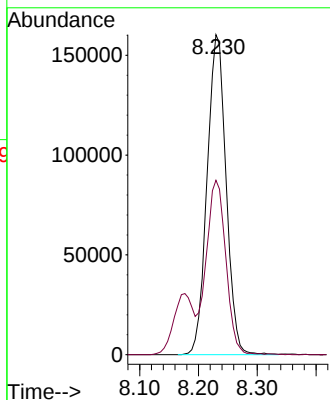
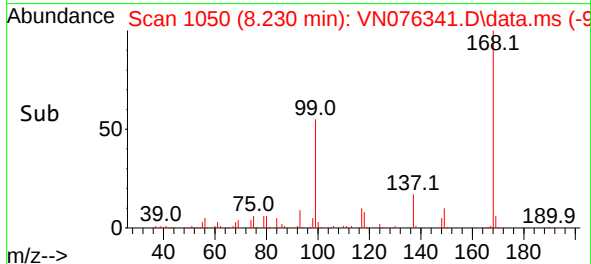
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 359850
Ion Ratio Lower Upper
168 100
99 54.4 41.6 62.4

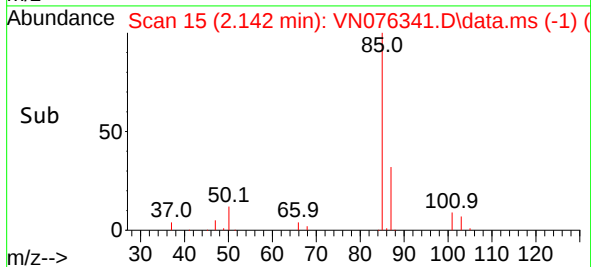
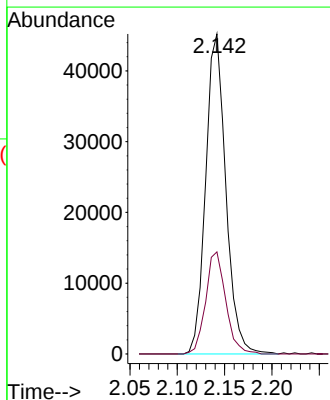
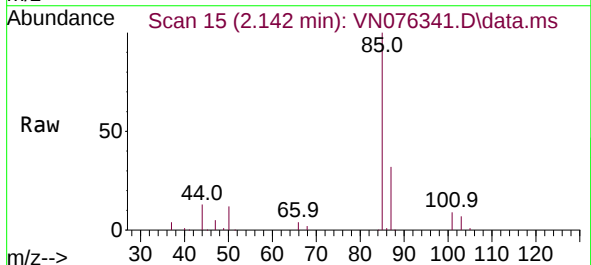
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#2
Dichlorodifluoromethane
Concen: 18.106 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

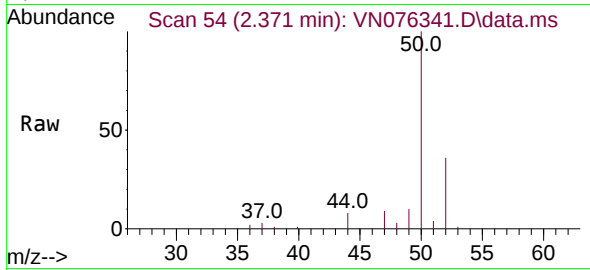
Tgt Ion: 85 Resp: 66768
Ion Ratio Lower Upper
85 100
87 31.9 17.1 51.2





#3
Chloromethane
Concen: 17.285 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

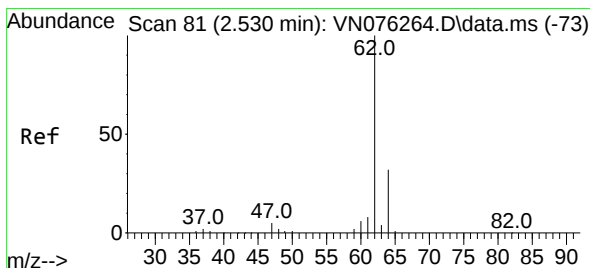
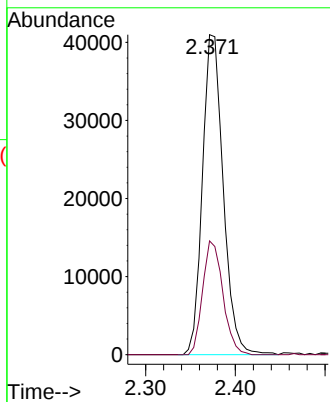
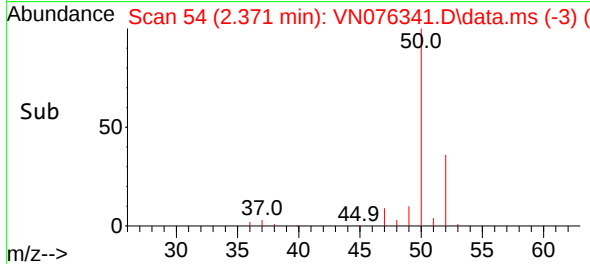
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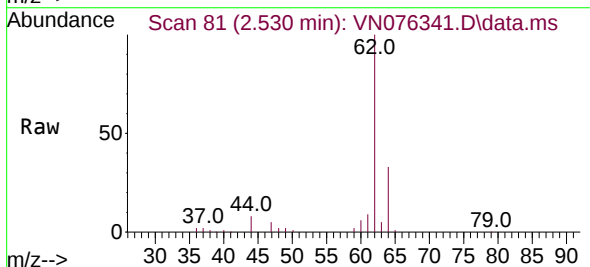
Tgt Ion: 50 Resp: 6599
Ion Ratio Lower Upper
50 100
52 35.5 24.8 37.2

Manual Integrations
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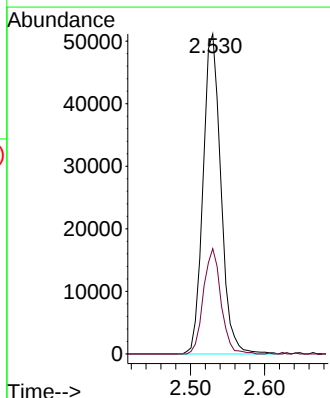
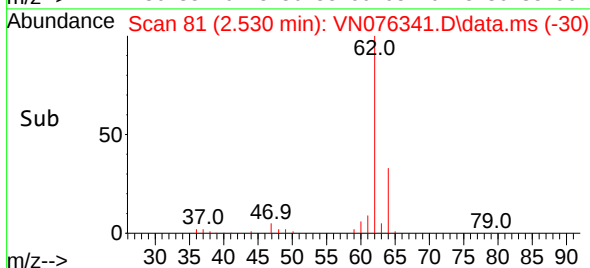
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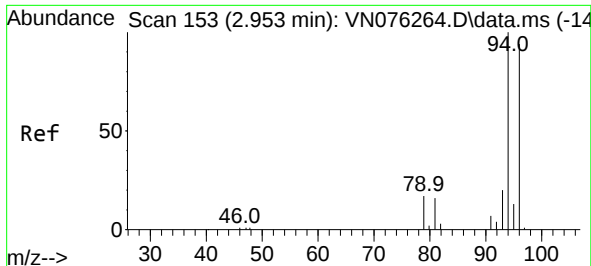


#4
Vinyl Chloride
Concen: 18.305 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25



Tgt Ion: 62 Resp: 85700
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.6





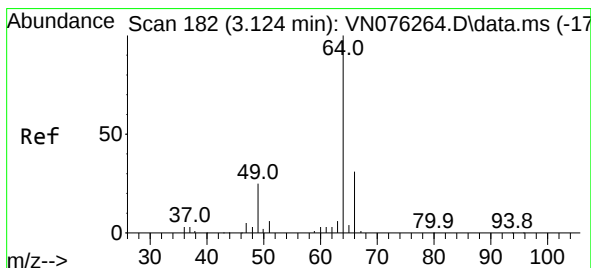
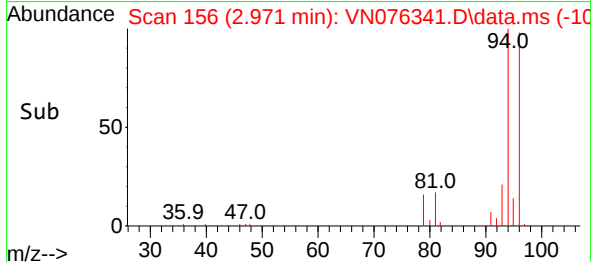
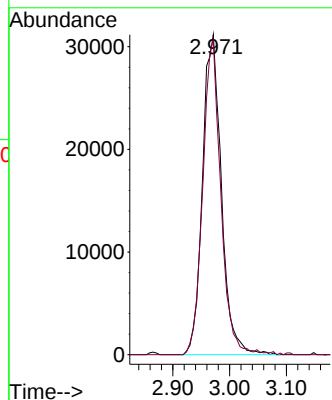
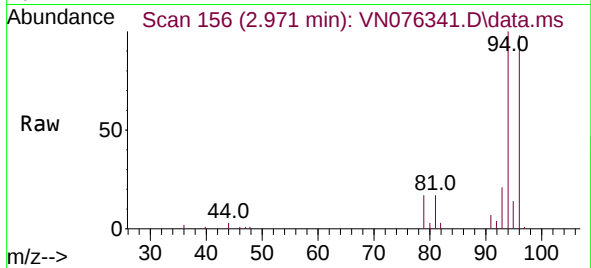
#5
Bromomethane
Concen: 18.739 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076341.D
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Tgt Ion: 94 Resp: 71849
Ion Ratio Lower Upper
94 100
96 98.4 75.1 112.7

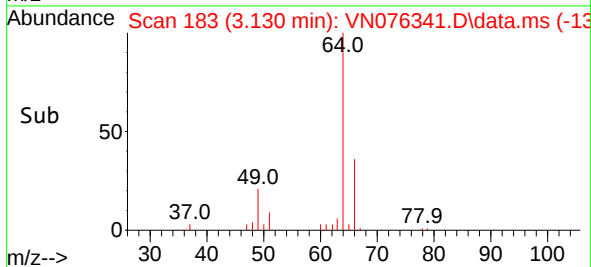
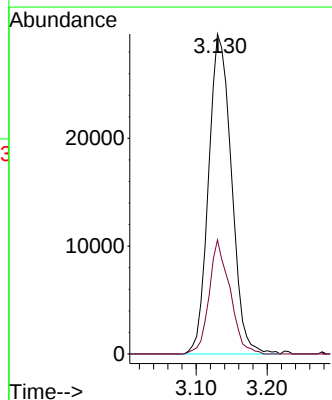
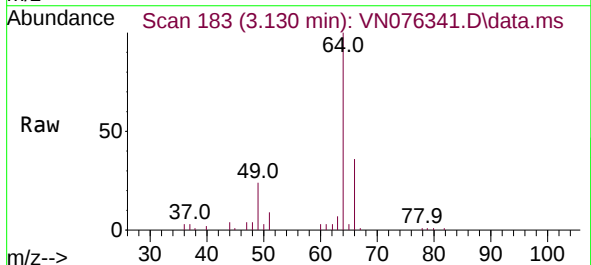
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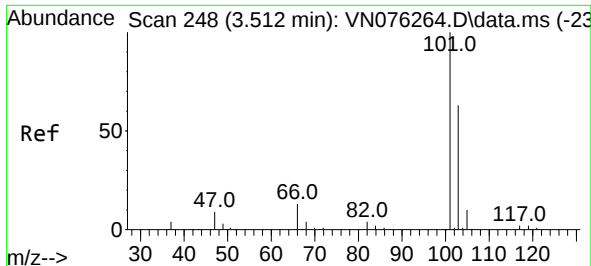
Reviewed By :John Carlone 01/23/2023
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#6
Chloroethane
Concen: 18.949 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 64 Resp: 66521
Ion Ratio Lower Upper
64 100
66 35.6 24.8 37.2





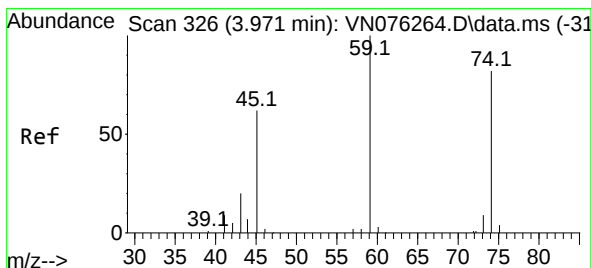
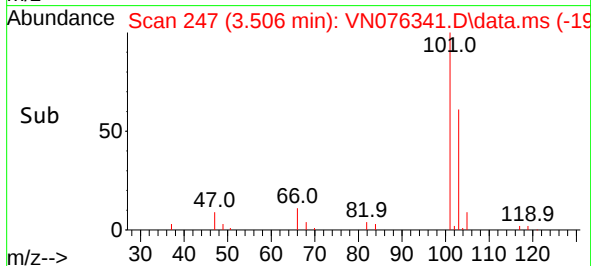
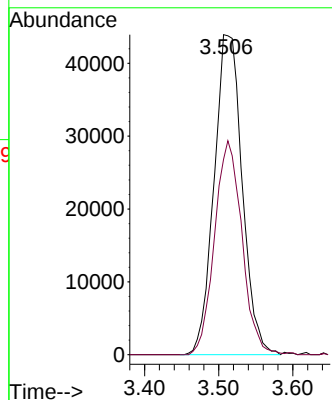
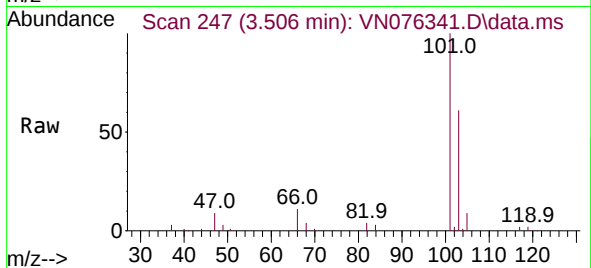
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Trichlorofluoromethane
Concen: 17.985 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 11583
Ion Ratio Lower Upper
101 100
103 61.0 50.2 75.4

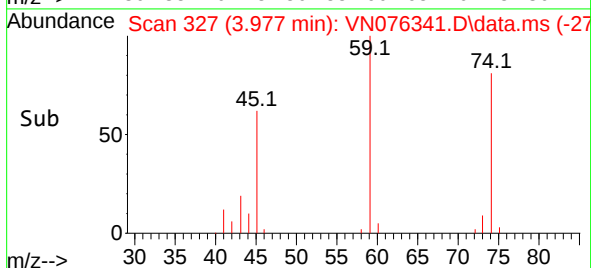
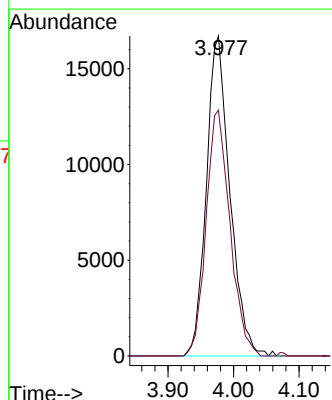
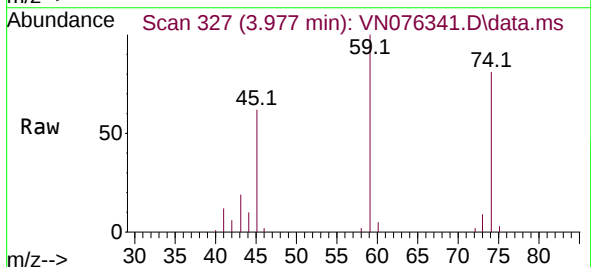
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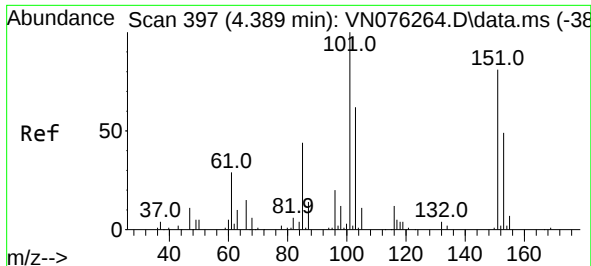
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#8
Diethyl Ether
Concen: 19.279 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 74 Resp: 41649
Ion Ratio Lower Upper
74 100
45 78.0 37.8 113.3





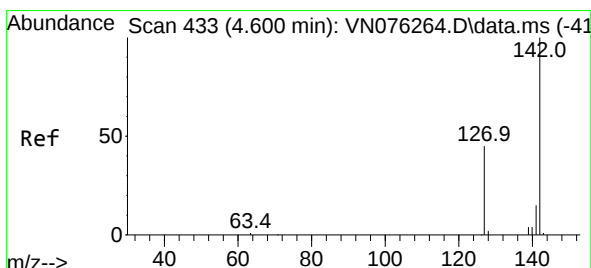
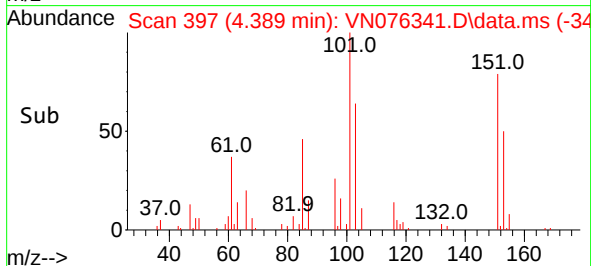
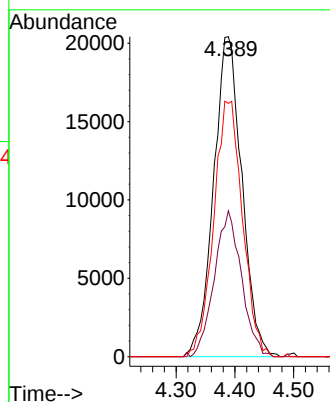
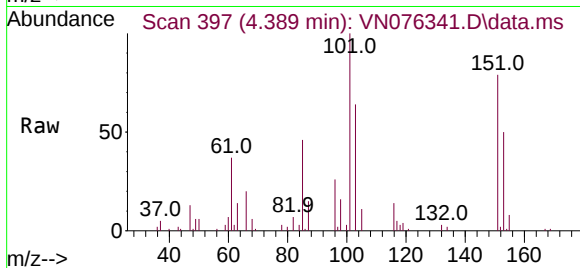
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.713 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion:101 Resp: 6823
Ion Ratio Lower Upper
101 100
85 43.8 35.5 53.3
151 81.0 65.5 98.3

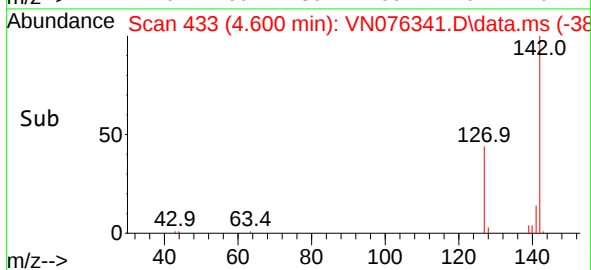
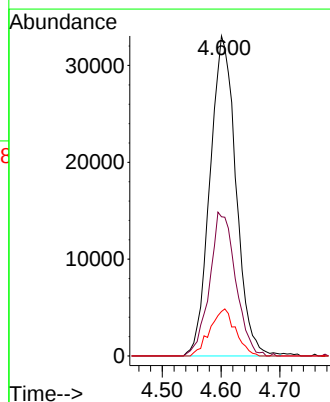
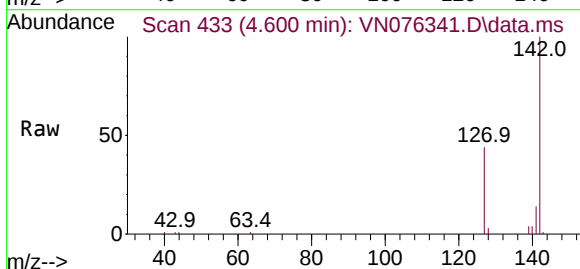
Manual Integrations
APPROVED

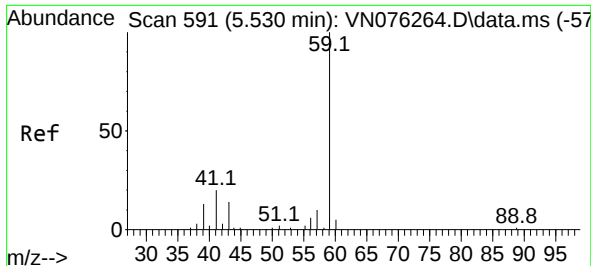
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#10
Methyl Iodide
Concen: 18.195 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

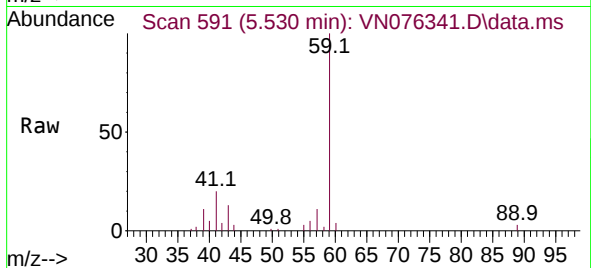
Tgt Ion:142 Resp: 101336
Ion Ratio Lower Upper
142 100
127 45.1 35.0 52.4
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 97.586 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

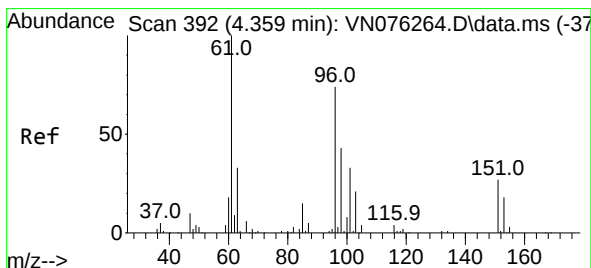
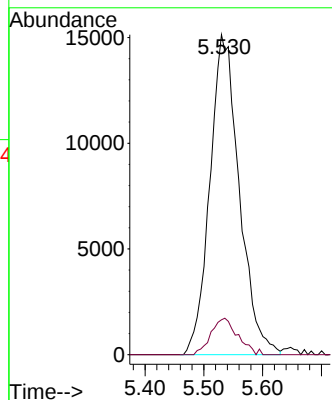
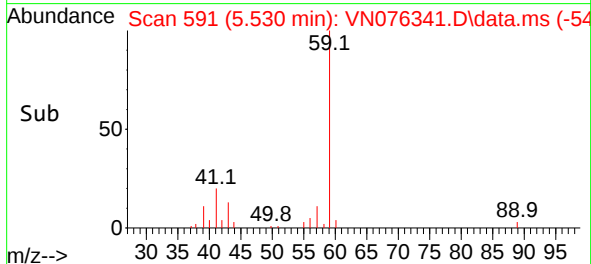
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion: 59 Resp: 5259
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

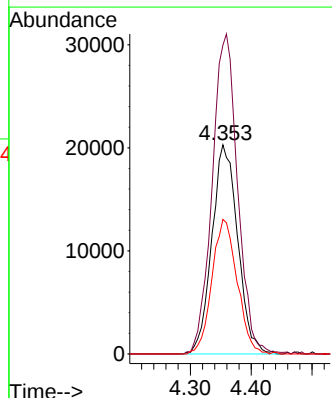
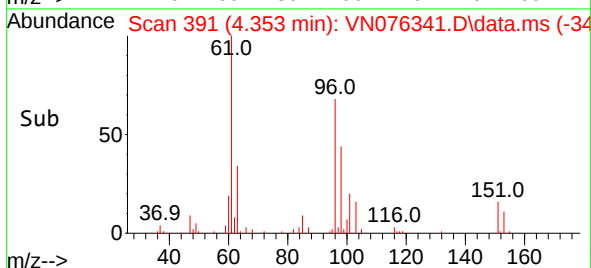
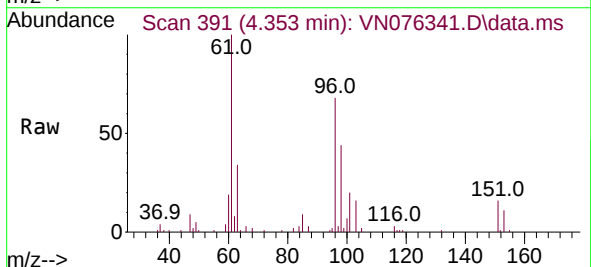
Manual Integrations
APPROVED

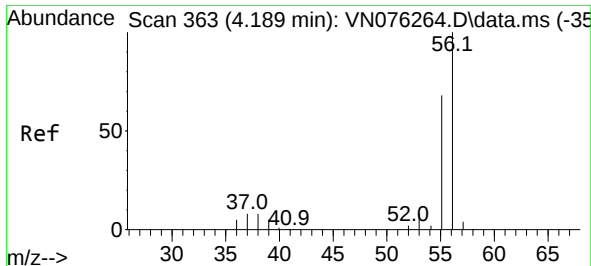
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#12
1,1-Dichloroethene
Concen: 17.373 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 96 Resp: 59882
Ion Ratio Lower Upper
96 100
61 147.7 108.2 162.4
98 64.4 47.0 70.6





#13

Acrolein

Concen: 100.619 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 56 Resp: 6485

Ion Ratio Lower Upper

56 100

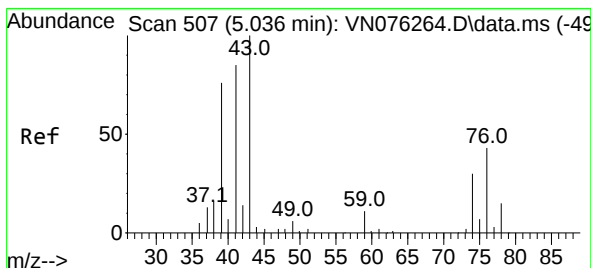
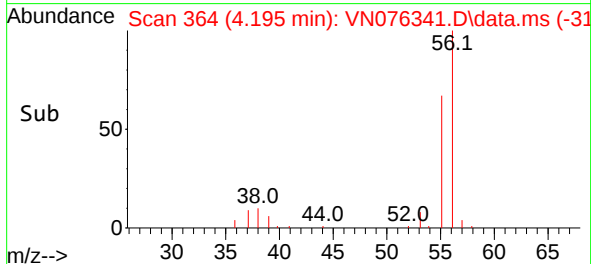
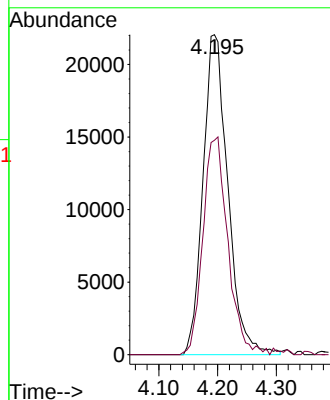
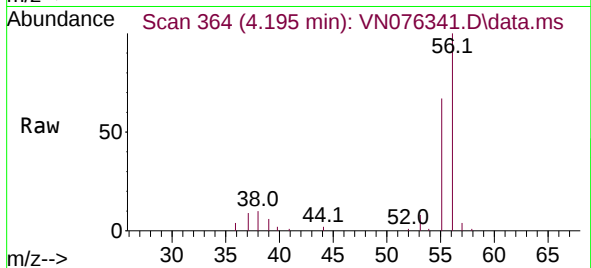
55 68.0 55.8 83.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#14

Allyl chloride

Concen: 19.920 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

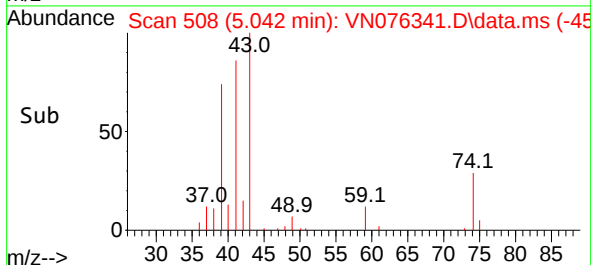
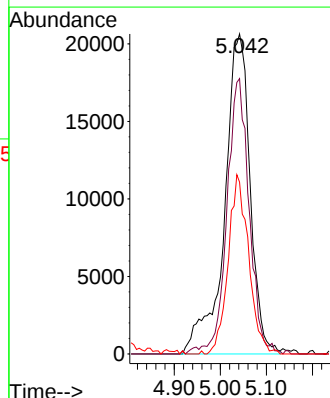
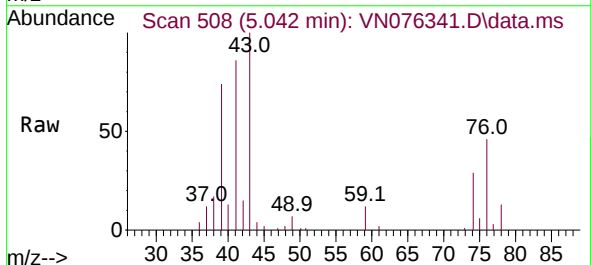
Tgt Ion: 41 Resp: 80012

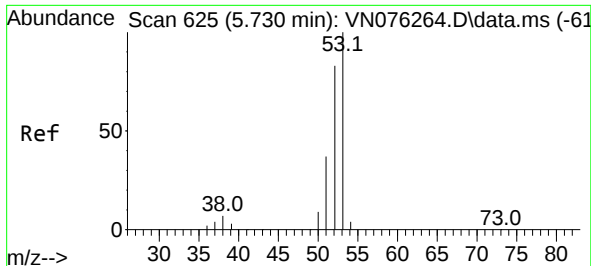
Ion Ratio Lower Upper

41 100

39 74.4 67.4 101.0

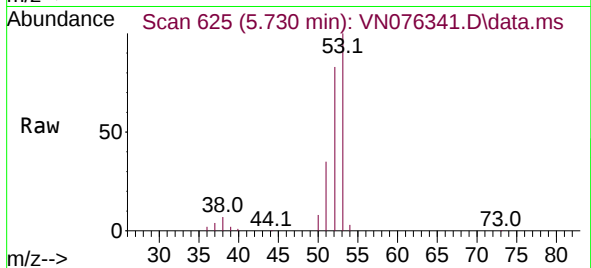
76 44.7 39.8 59.8





#15
Acrylonitrile
Concen: 94.568 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

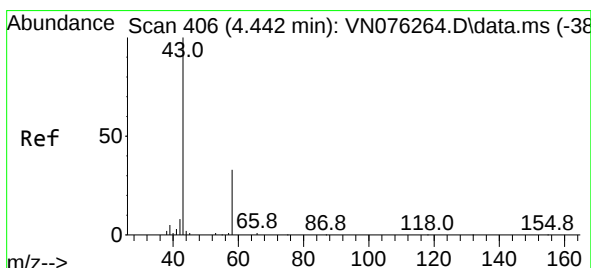
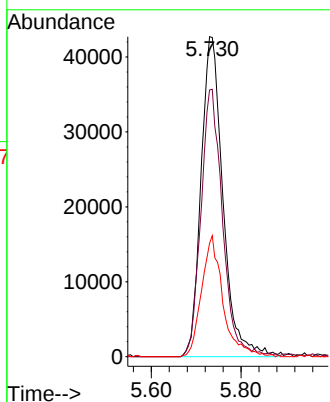
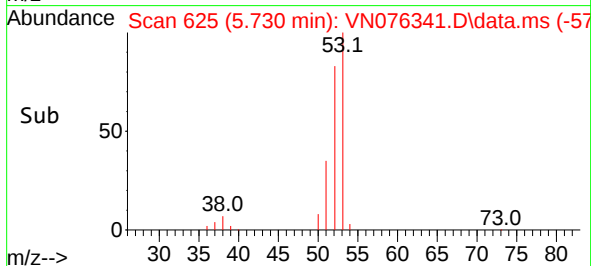
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



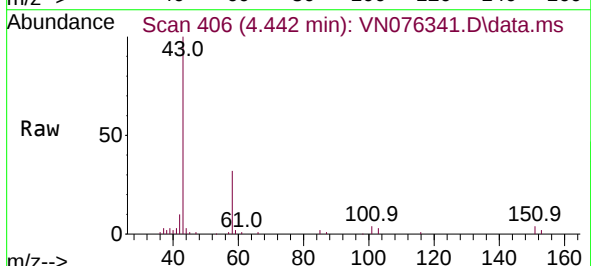
Tgt Ion: 53 Resp: 145034
Ion Ratio Lower Upper
53 100
52 82.1 64.7 97.1
51 37.0 29.2 43.8

Manual Integrations
APPROVED

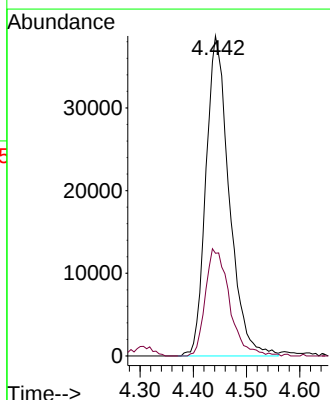
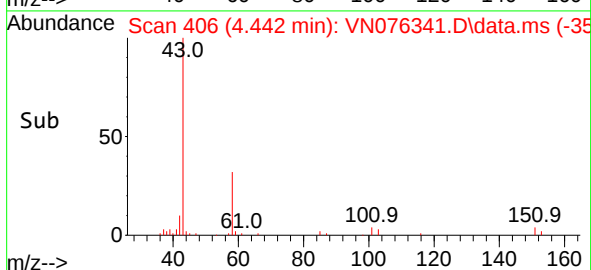
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

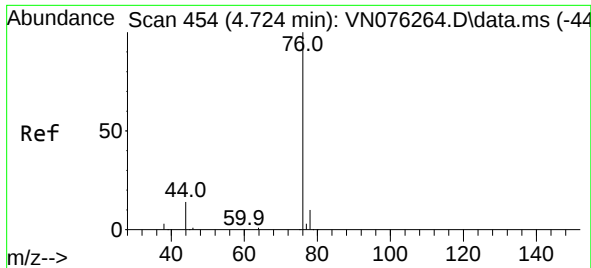


#16
Acetone
Concen: 91.006 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25



Tgt Ion: 43 Resp: 117609
Ion Ratio Lower Upper
43 100
58 32.1 26.7 40.1





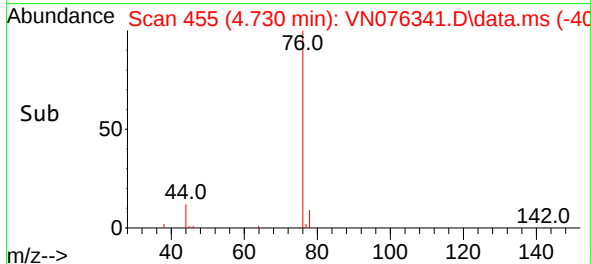
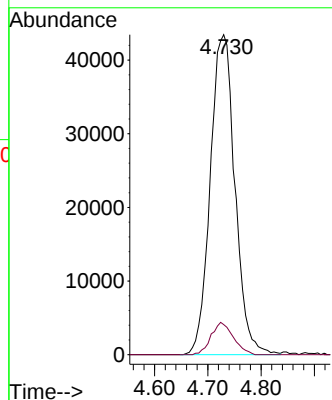
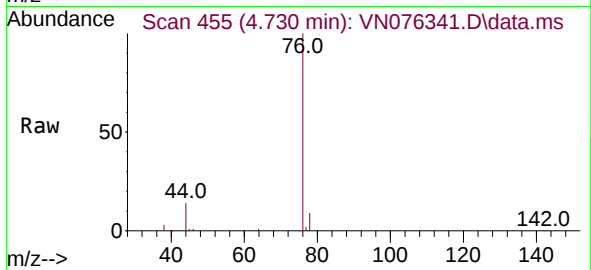
#17
Carbon Disulfide
Concen: 16.288 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 76 Resp: 139789
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0

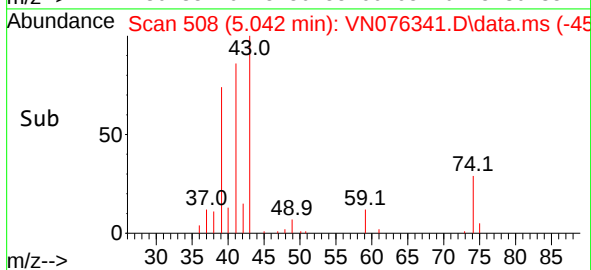
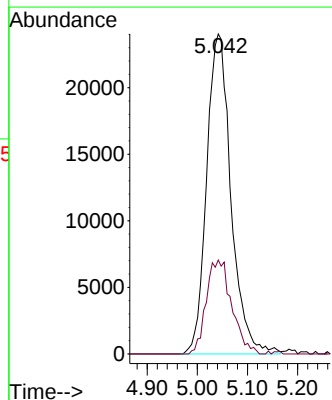
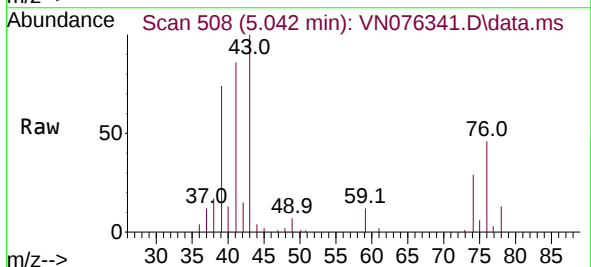
Manual Integrations
APPROVED

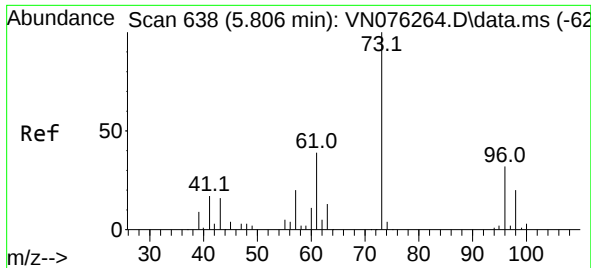
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#18
Methyl Acetate
Concen: 18.519 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 43 Resp: 81064
Ion Ratio Lower Upper
43 100
74 30.7 23.3 34.9





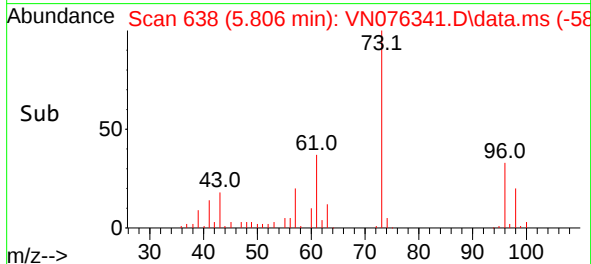
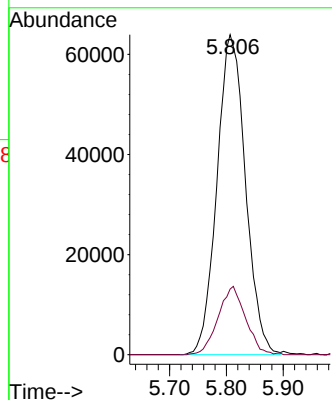
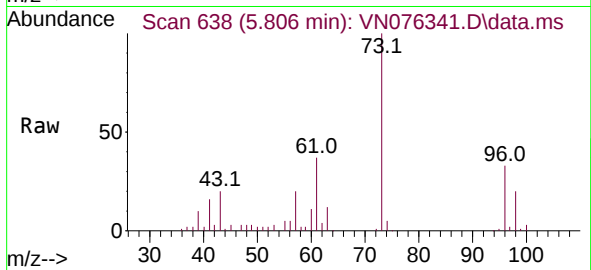
#19
Methyl tert-butyl Ether
Concen: 19.861 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 73 Resp: 222850
Ion Ratio Lower Upper
73 100
57 20.5 15.9 23.9

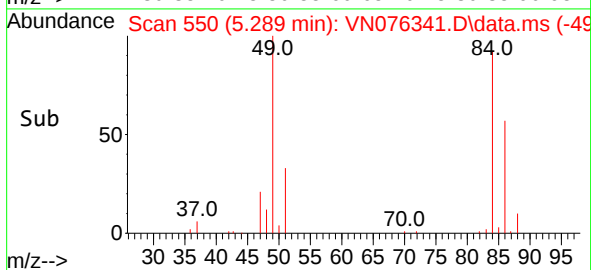
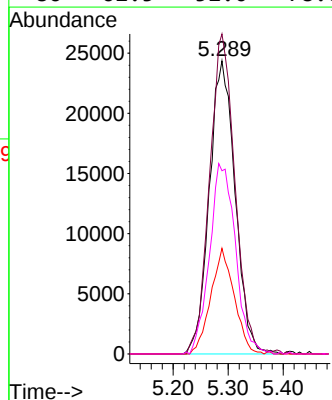
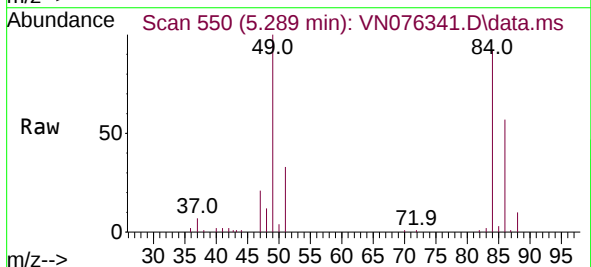
Manual Integrations
APPROVED

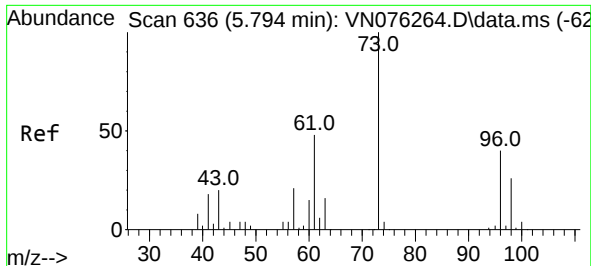
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#20
Methylene Chloride
Concen: 20.458 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

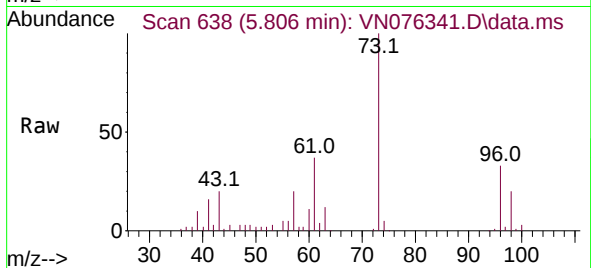
Tgt Ion: 84 Resp: 79552
Ion Ratio Lower Upper
84 100
49 109.2 84.5 126.7
51 36.0 26.0 39.0
86 62.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.976 ug/l
RT: 5.806 min Scan# 612
Delta R.T. 0.012 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

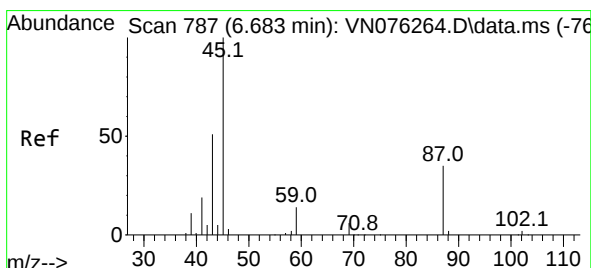
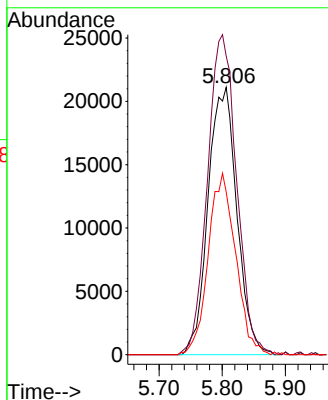
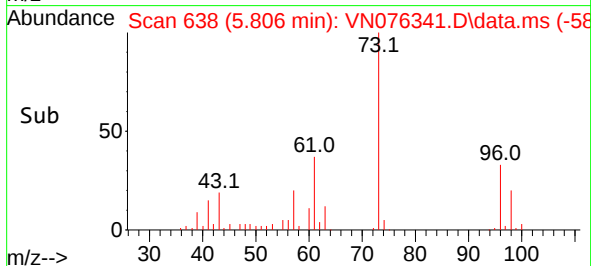
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion: 96 Resp: 6712
Ion Ratio Lower Upper
96 100
61 111.7 97.0 145.4
98 60.8 51.9 77.9

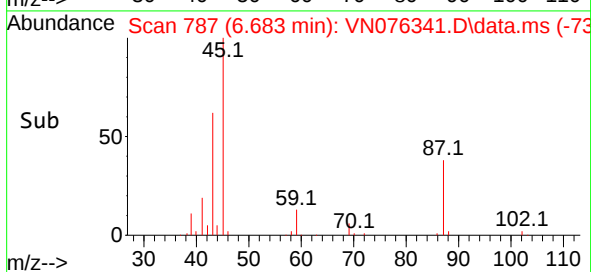
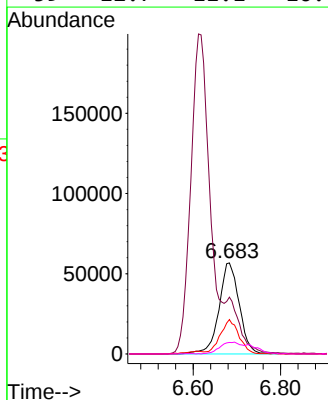
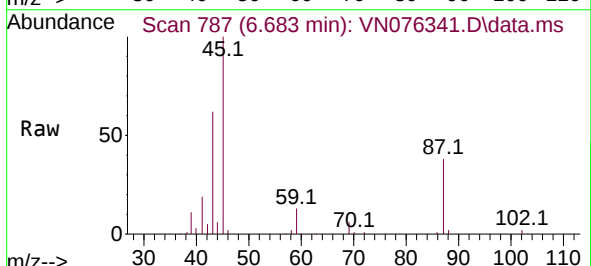
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 19.234 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 45 Resp: 182192
Ion Ratio Lower Upper
45 100
43 61.1 44.4 66.6
87 37.9 28.4 42.6
59 12.7 11.1 16.7





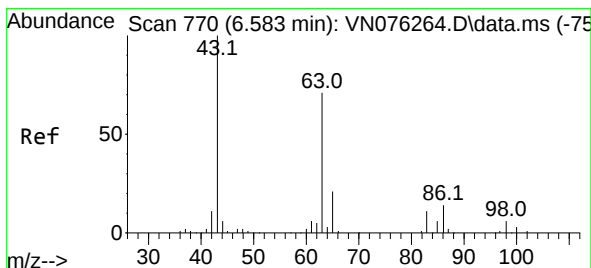
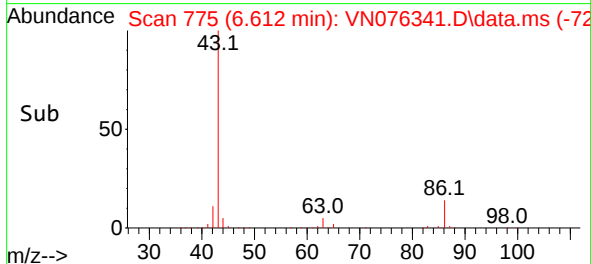
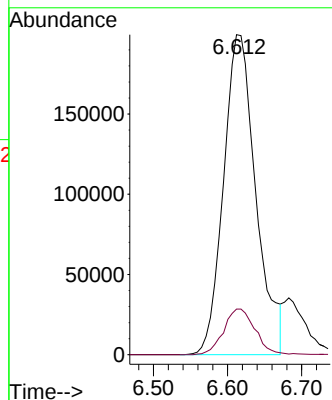
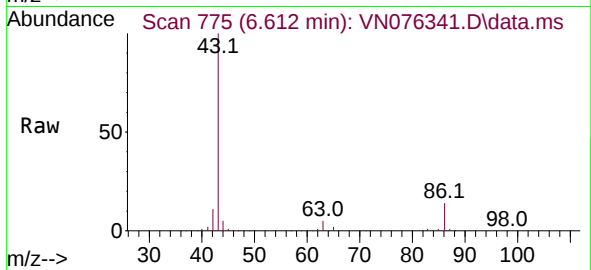
#23
 Vinyl Acetate
 Concen: 98.859 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076341.D
 Acq: 20 Jan 2023 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tgt Ion: 43 Resp: 605204
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.2 16.8

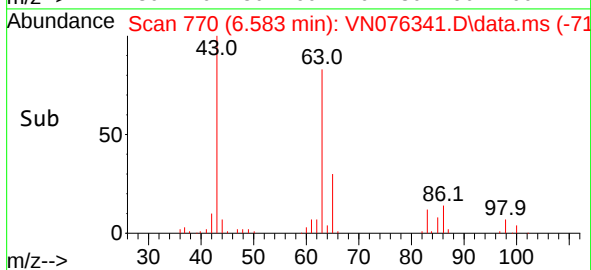
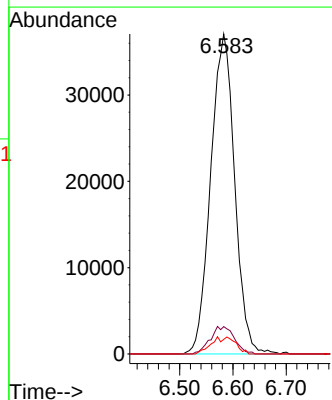
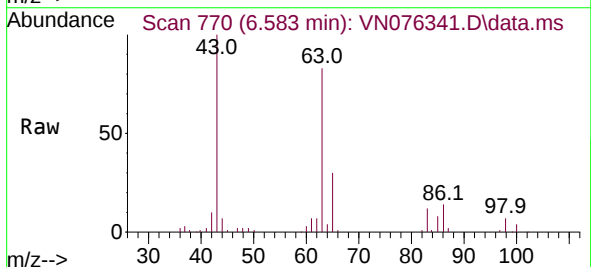
Manual Integrations
 APPROVED

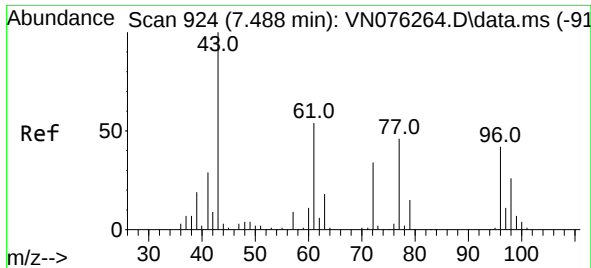
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#24
 1,1-Dichloroethane
 Concen: 18.351 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076341.D
 Acq: 20 Jan 2023 12:25

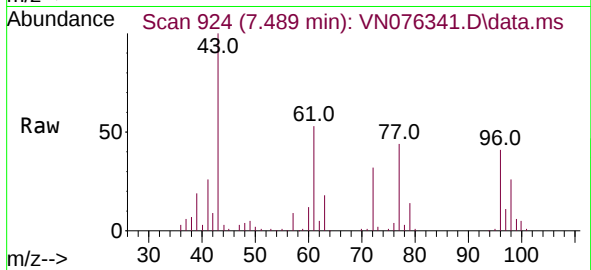
Tgt Ion: 63 Resp: 115870
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 4.6 2.2 6.6





#25
2-Butanone
Concen: 92.235 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

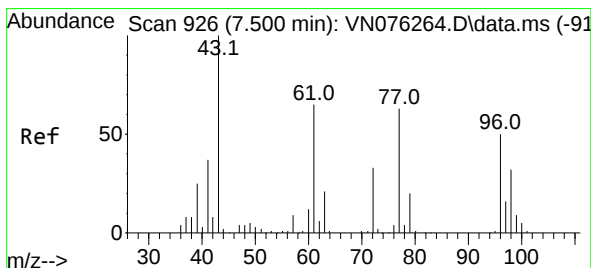
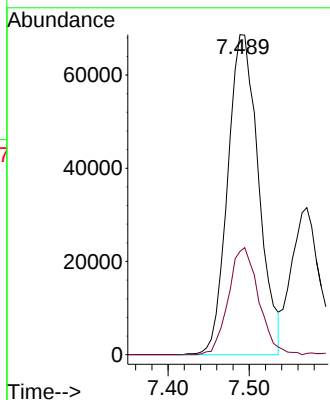
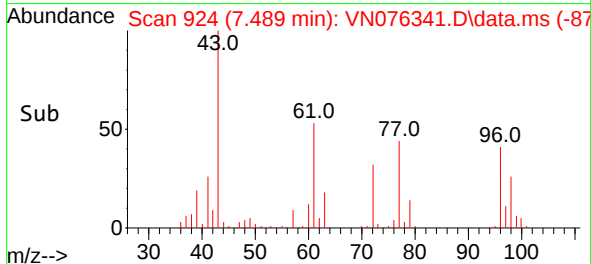
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion: 43 Resp: 181950
Ion Ratio Lower Upper
43 100
72 32.2 27.4 41.2

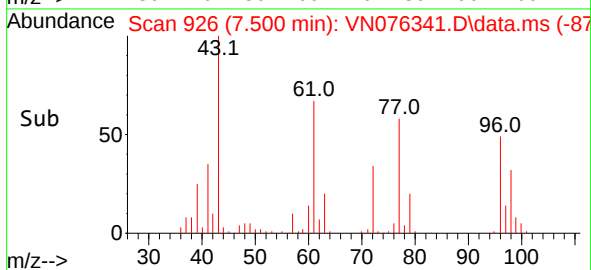
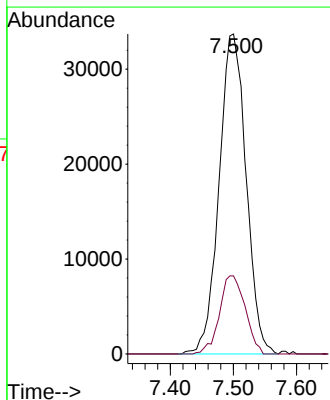
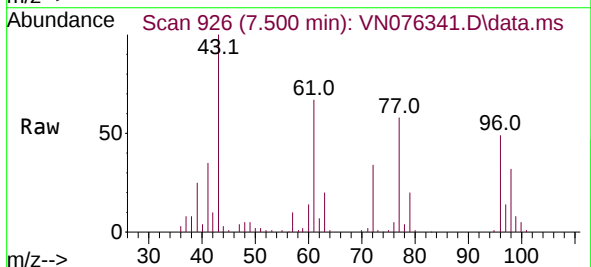
Manual Integrations
APPROVED

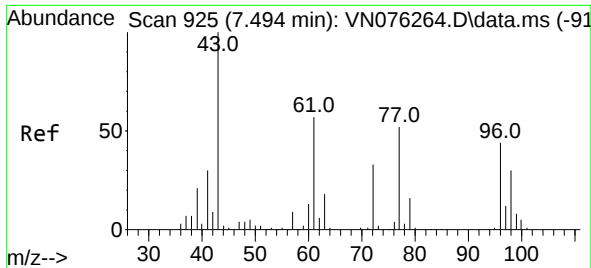
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#26
2,2-Dichloropropane
Concen: 18.830 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

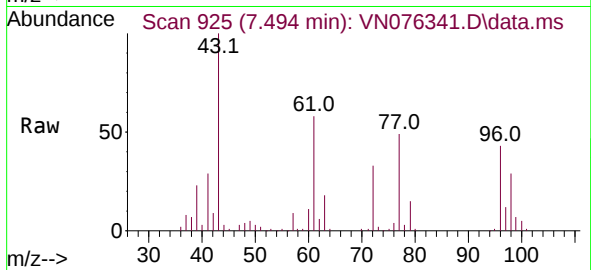
Tgt Ion: 77 Resp: 100204
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.638 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076341.D
 Acq: 20 Jan 2023 12:25

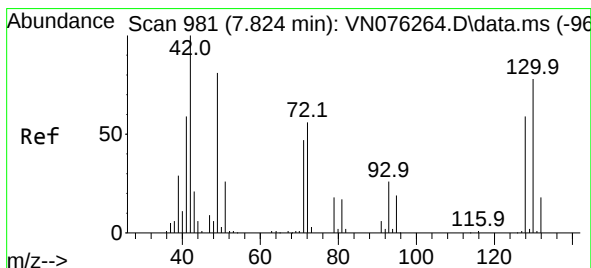
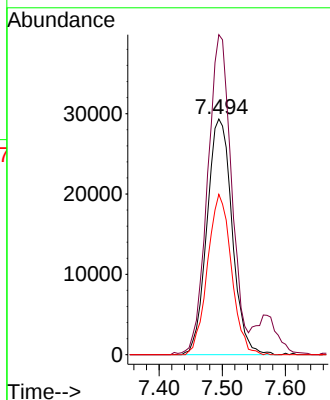
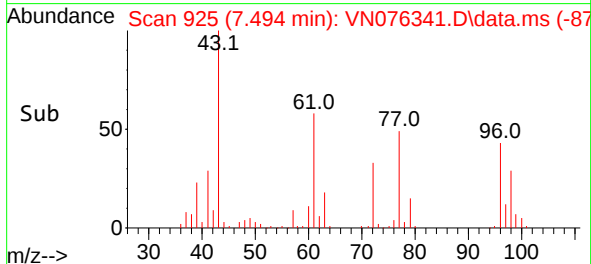
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01



Tgt Ion: 96 Resp: 8117
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 259.6
 98 64.7 0.0 129.4

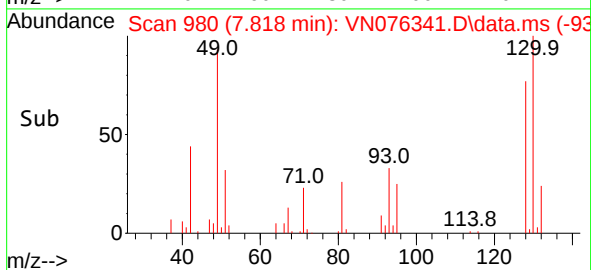
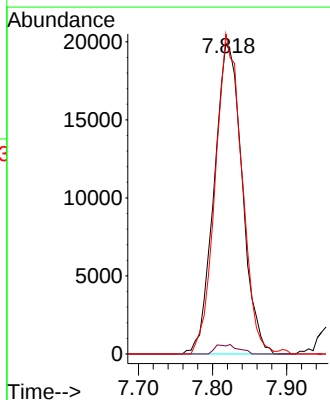
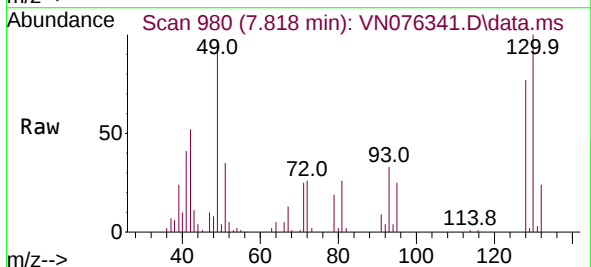
Manual Integrations
 APPROVED

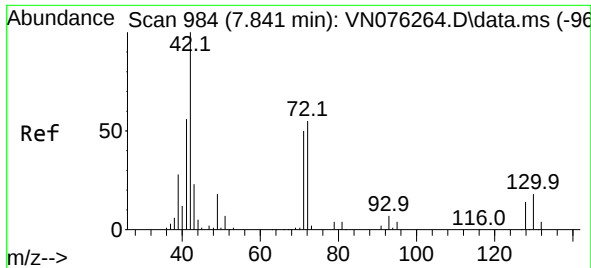
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#28
 Bromochloromethane
 Concen: 20.416 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076341.D
 Acq: 20 Jan 2023 12:25

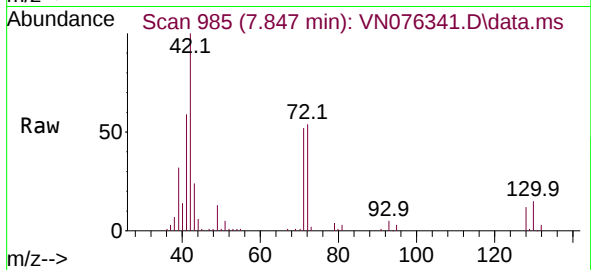
Tgt Ion: 49 Resp: 52249
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 97.9 76.0 114.0





#29
Tetrahydrofuran
Concen: 96.551 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

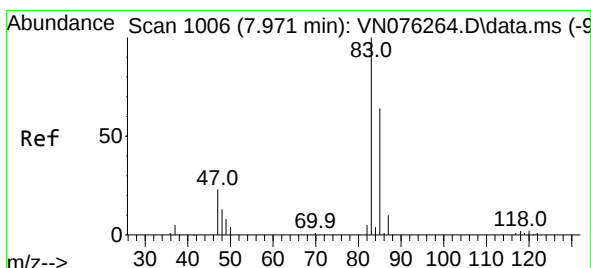
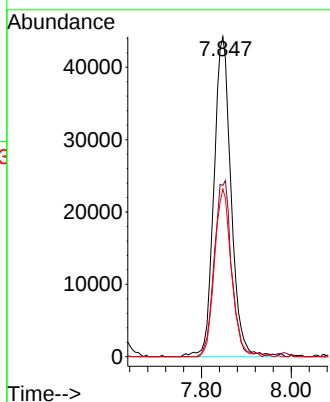
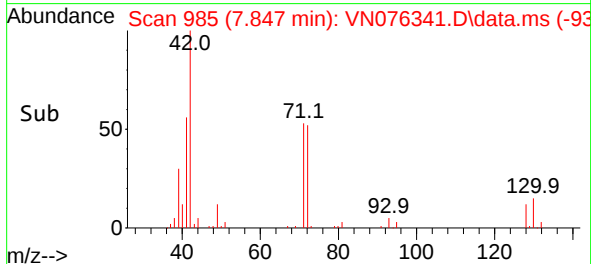
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



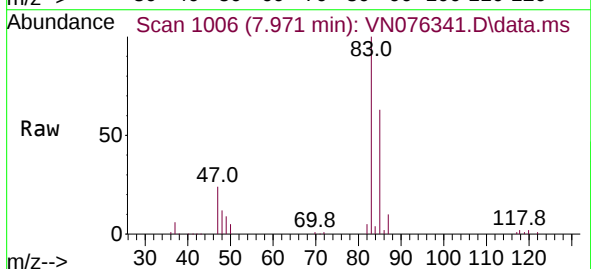
Tgt Ion: 42 Resp: 117550
Ion Ratio Lower Upper
42 100
72 55.9 44.0 66.0
71 51.7 41.1 61.7

Manual Integrations
APPROVED

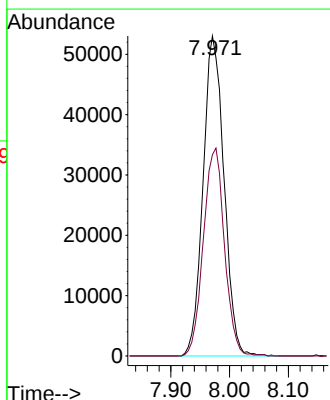
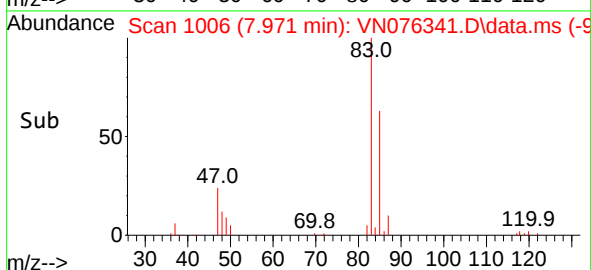
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

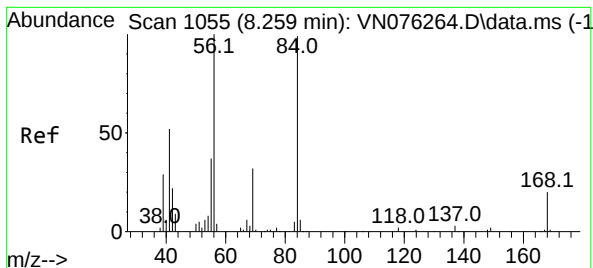


#30
Chloroform
Concen: 18.767 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25



Tgt Ion: 83 Resp: 131113
Ion Ratio Lower Upper
83 100
85 62.9 51.0 76.6





#31

Cyclohexane

Concen: 17.352 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 56 Resp: 10740

Ion Ratio Lower Upper

56 100

69 30.9 25.8 38.8

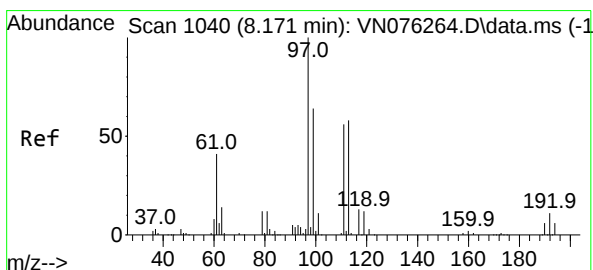
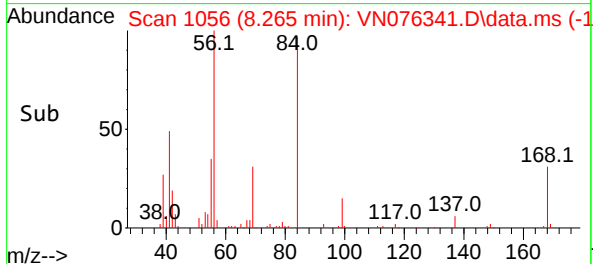
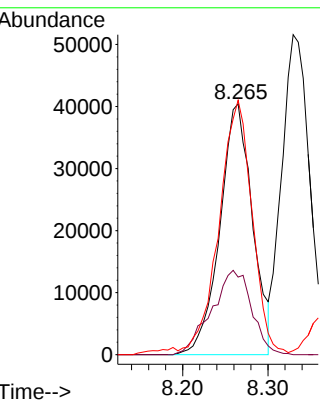
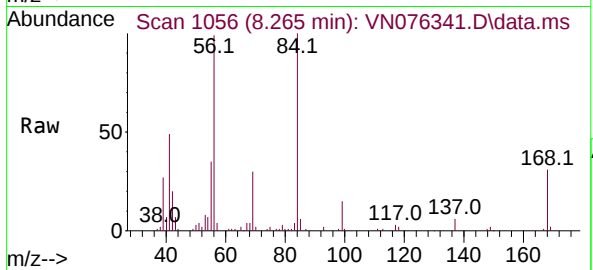
84 99.5 79.0 118.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#32

1,1,1-Trichloroethane

Concen: 18.519 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

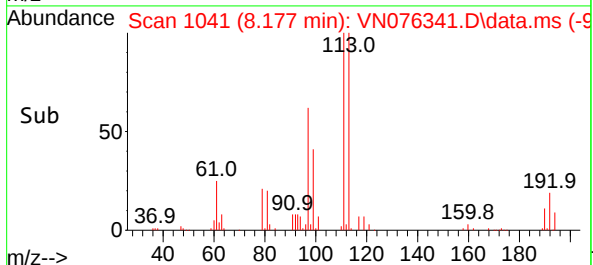
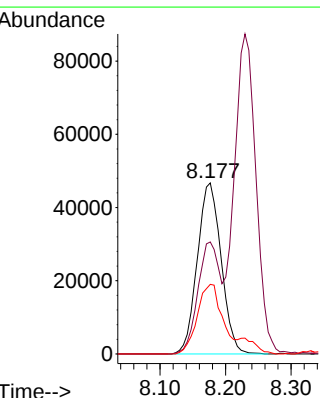
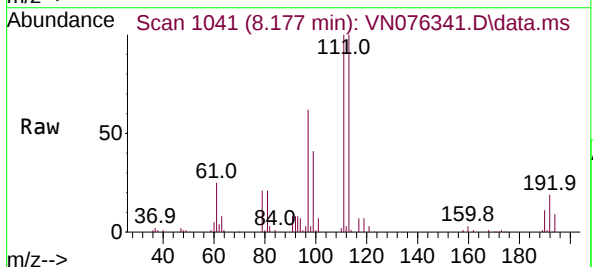
Tgt Ion: 97 Resp: 118127

Ion Ratio Lower Upper

97 100

99 59.8 55.0 82.4

61 43.2 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.310 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 65 Resp: 206739

Ion Ratio Lower Upper

65 100

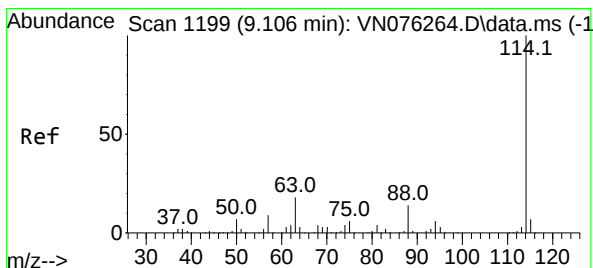
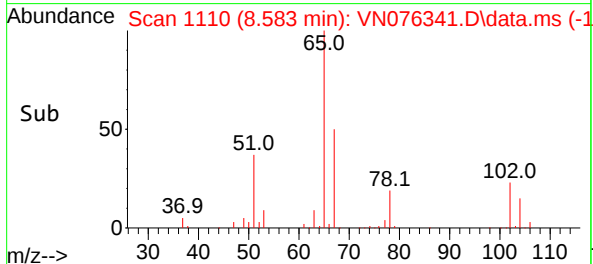
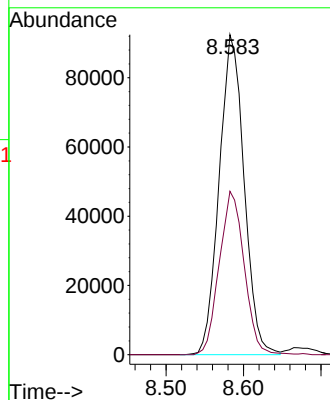
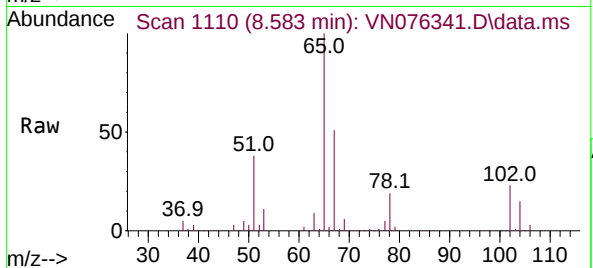
67 51.1 0.0 104.6

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: VN076341.D

Acq: 20 Jan 2023 12:25

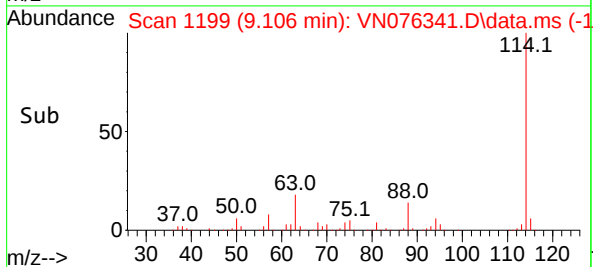
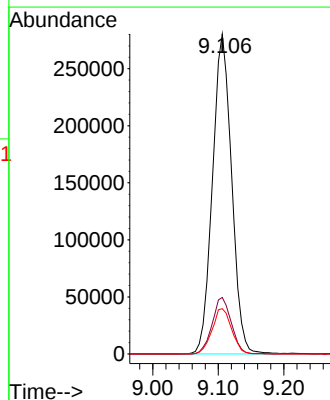
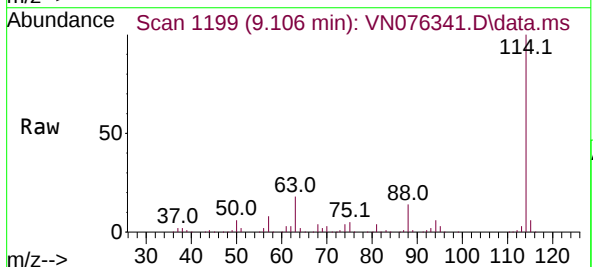
Tgt Ion:114 Resp: 567895

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.8

88 14.1 0.0 28.0





#35

Dibromofluoromethane

Concen: 51.949 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 113 Resp: 184544

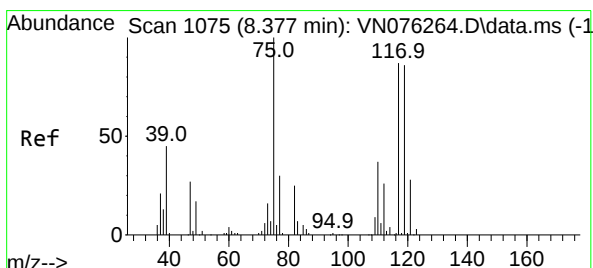
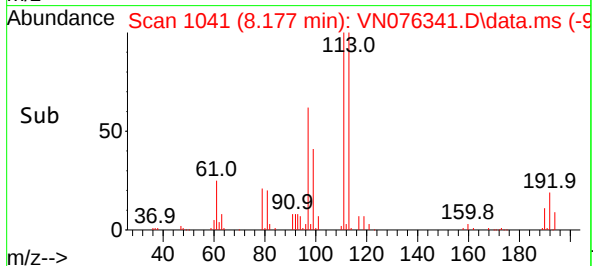
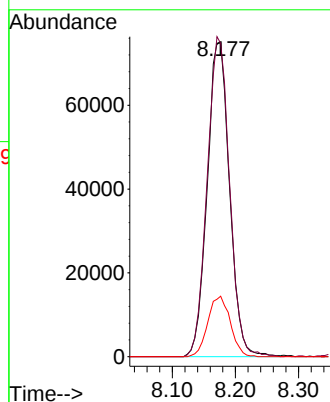
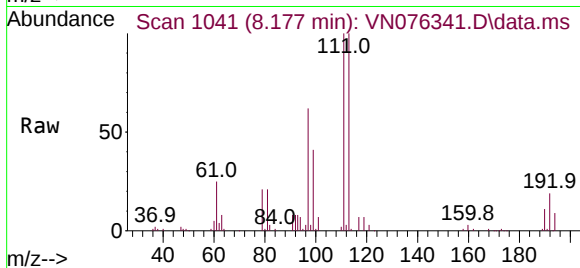
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.7	124.1
192	19.3	15.6	23.4

Manual Integrations

APPROVED

Reviewed By : John Carlone 01/23/2023

Supervised By : Mahesh Dadoda 01/25/2023



#36

1,1-Dichloropropene

Concen: 18.136 ug/l

RT: 8.377 min Scan# 1075

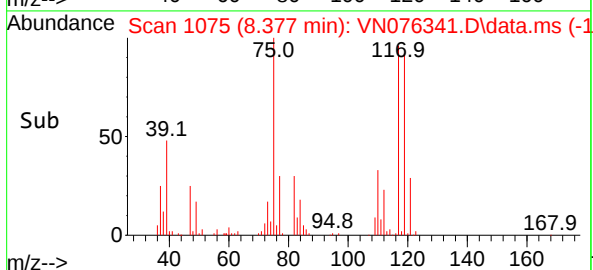
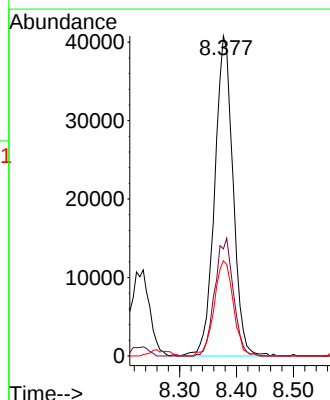
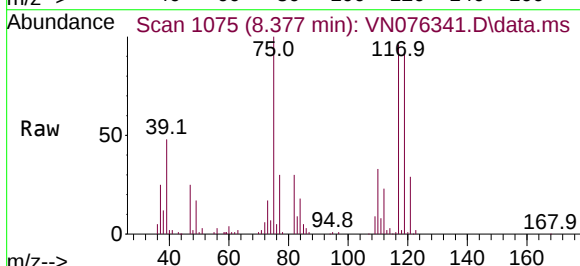
Delta R.T. -0.000 min

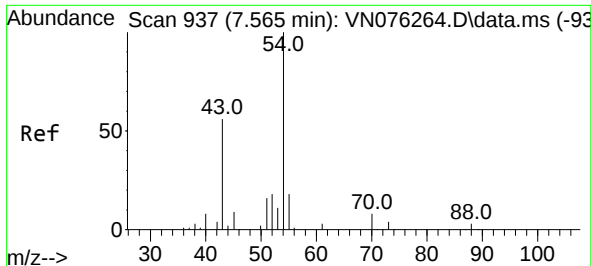
Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion: 75 Resp: 91550

Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.8	56.3
77	31.0	25.0	37.4





#37

Ethyl Acetate

Concen: 19.561 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 43 Resp: 79109

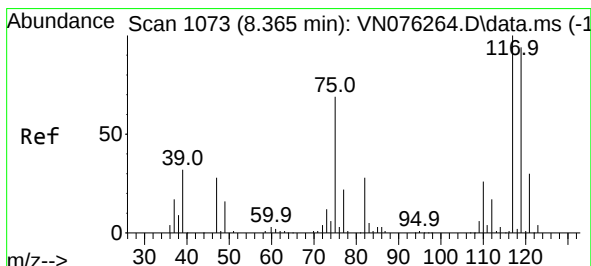
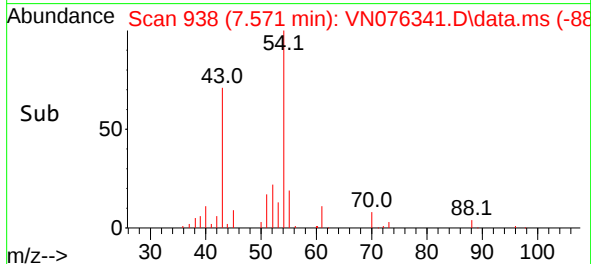
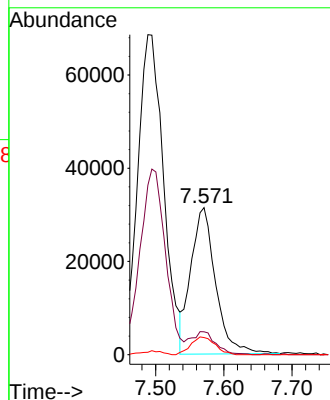
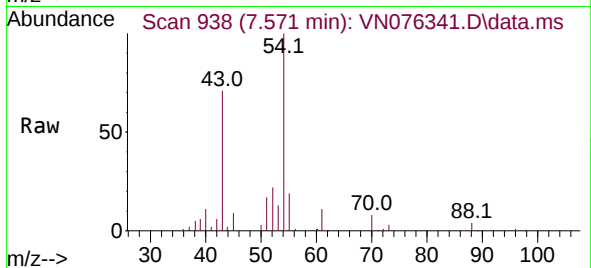
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.1	16.7
70	11.8	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#38

Carbon Tetrachloride

Concen: 18.736 ug/l

RT: 8.371 min Scan# 1074

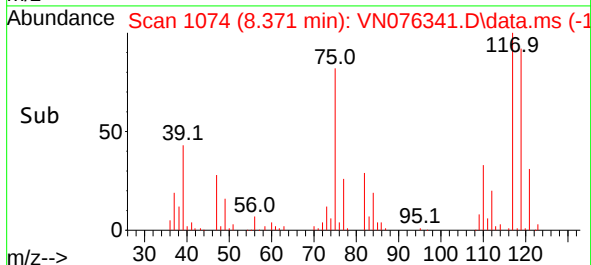
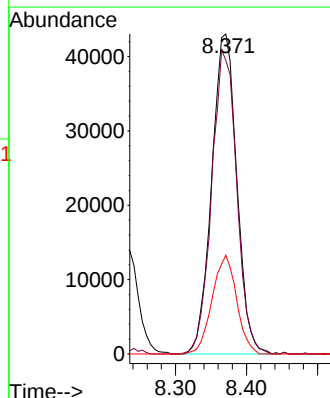
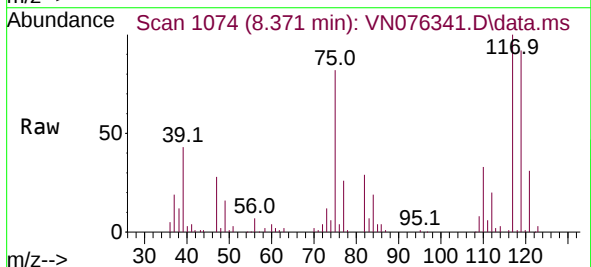
Delta R.T. 0.006 min

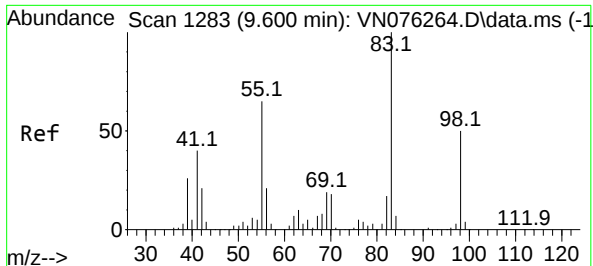
Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion:117 Resp: 105471

Ion	Ratio	Lower	Upper
117	100		
119	91.8	75.4	113.0
121	30.8	24.2	36.2





#39

Methylcyclohexane

Concen: 19.109 ug/l

RT: 9.606 min Scan# 11779

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 83 Resp: 11779

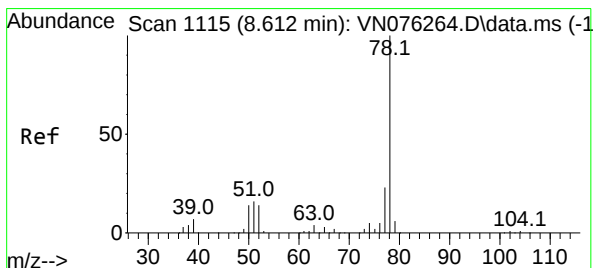
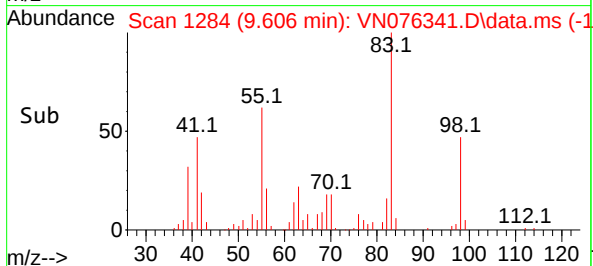
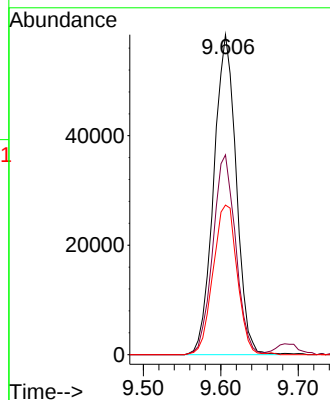
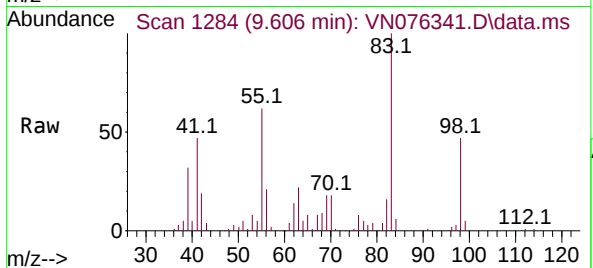
Ion	Ratio	Lower	Upper
83	100		
55	62.4	51.7	77.5
98	46.8	40.0	60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#40

Benzene

Concen: 18.802 ug/l

RT: 8.612 min Scan# 1115

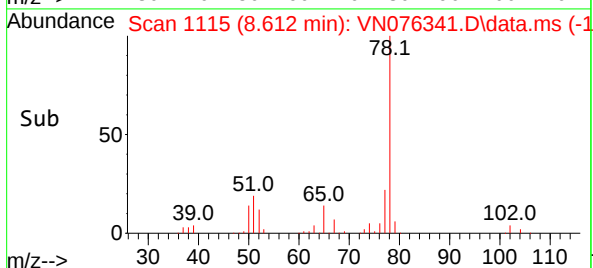
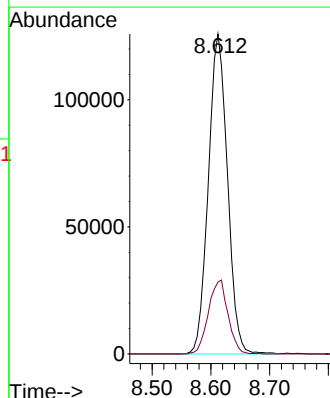
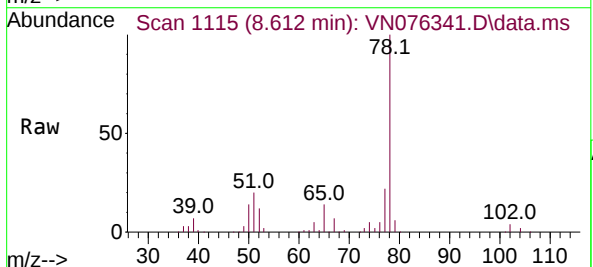
Delta R.T. -0.000 min

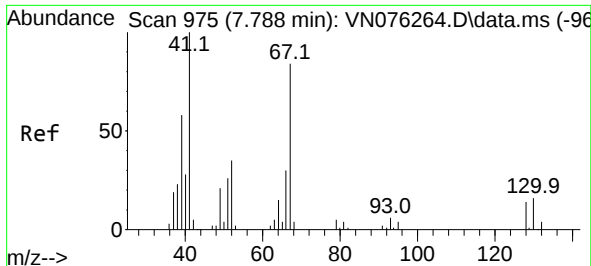
Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion: 78 Resp: 283795

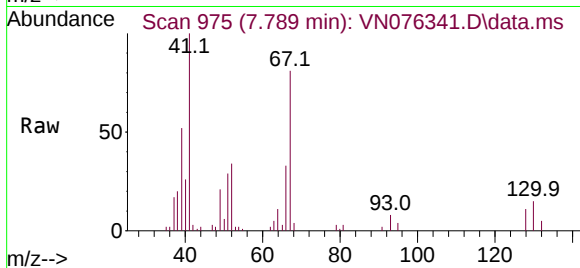
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.6	28.0





#41
Methacrylonitrile
Concen: 18.564 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

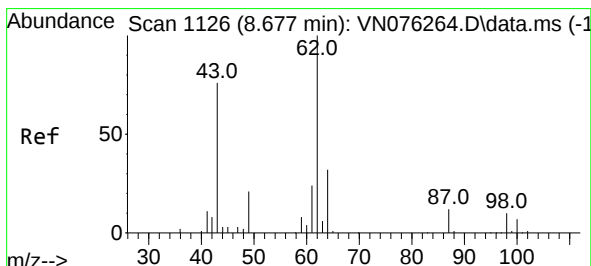
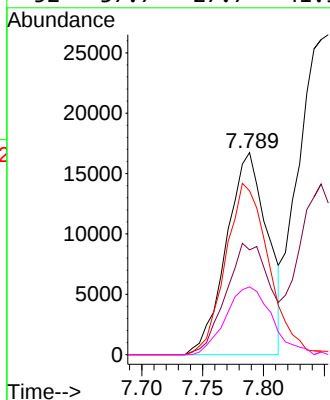
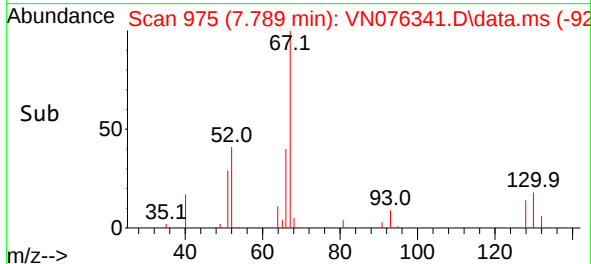
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



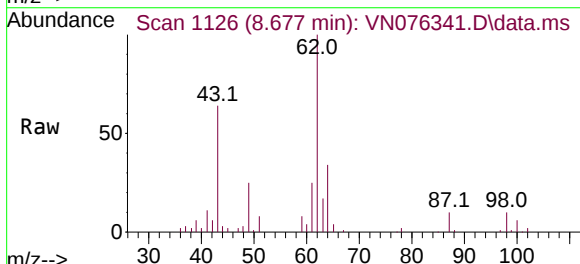
Tgt Ion: 41 Resp: 3935
Ion Ratio Lower Upper
41 100
39 58.2 42.4 63.6
67 89.6 68.8 103.2
52 37.7 27.7 41.5

Manual Integrations
APPROVED

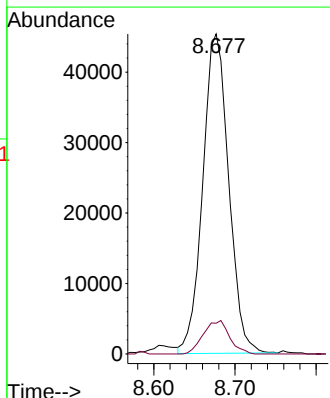
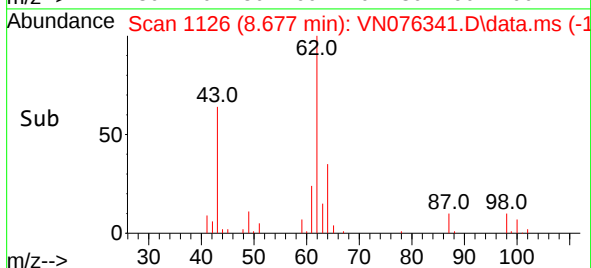
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

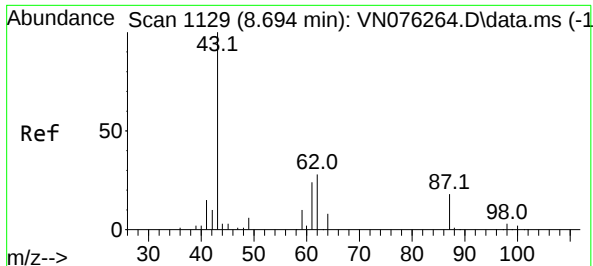


#42
1,2-Dichloroethane
Concen: 19.463 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25



Tgt Ion: 62 Resp: 100512
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.4





#43

Isopropyl Acetate

Concen: 19.239 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 43 Resp: 12672

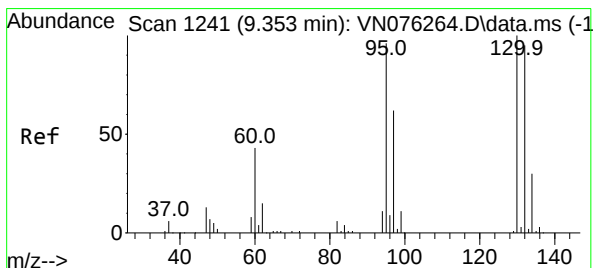
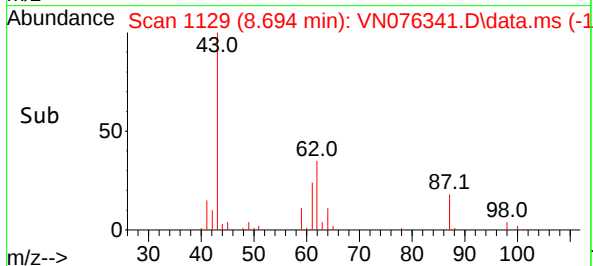
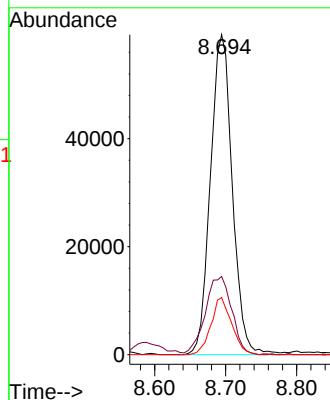
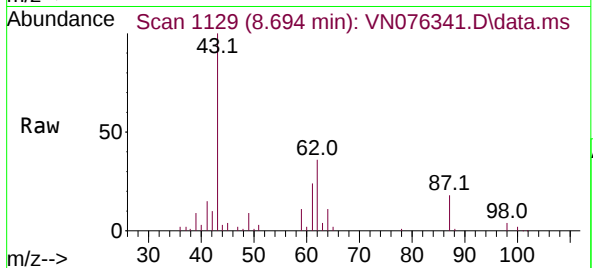
Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.5	35.3
87	16.9	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#44

Trichloroethene

Concen: 17.967 ug/l

RT: 9.359 min Scan# 1242

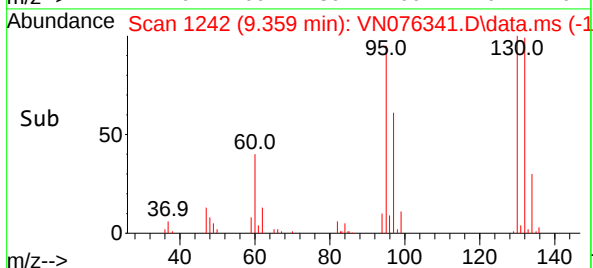
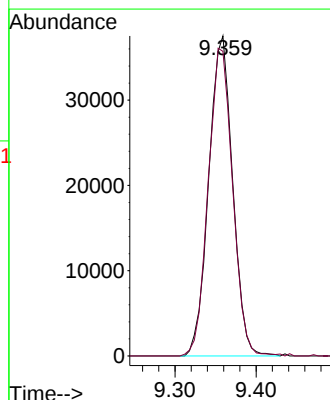
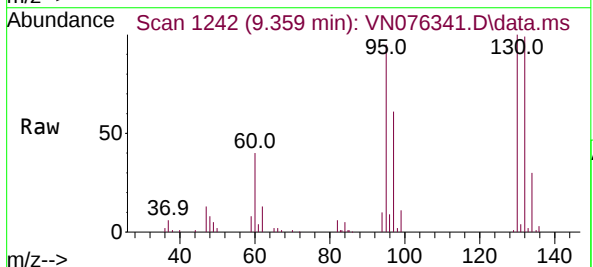
Delta R.T. 0.006 min

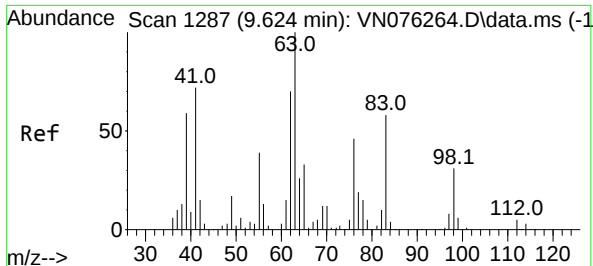
Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion:130 Resp: 76703

Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.221 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 63 Resp: 6946

Ion Ratio Lower Upper

63 100

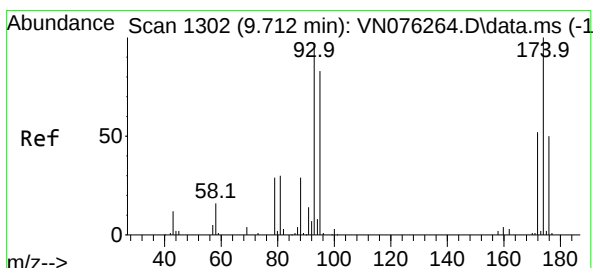
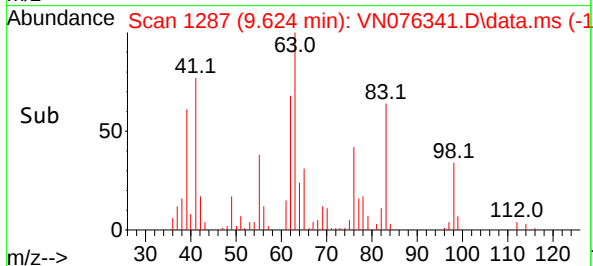
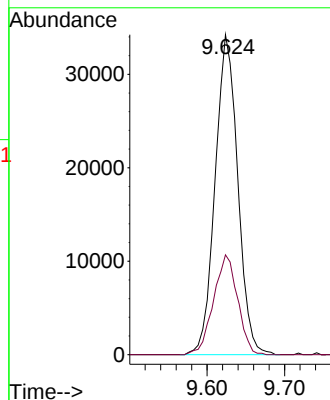
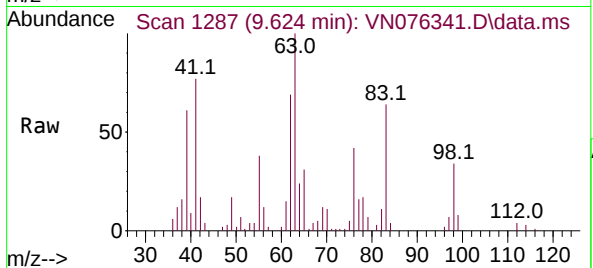
65 31.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#46

Dibromomethane

Concen: 18.877 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

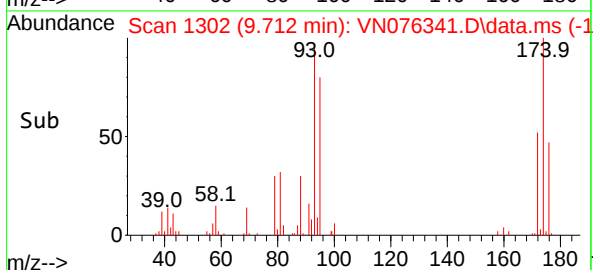
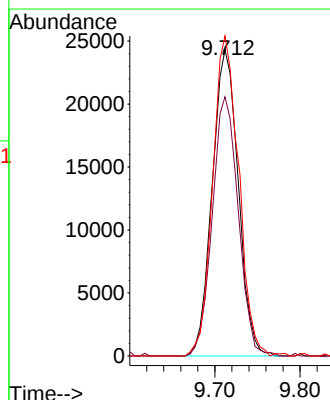
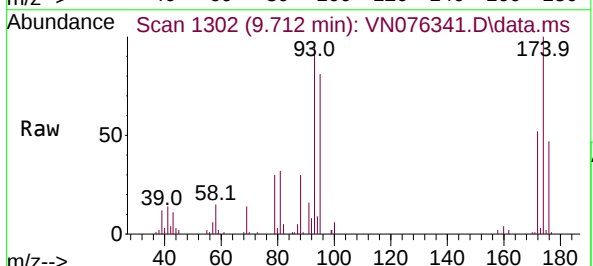
Tgt Ion: 93 Resp: 51505

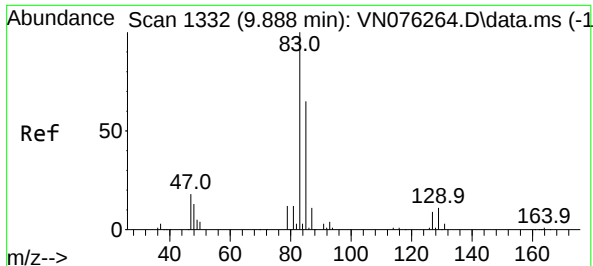
Ion Ratio Lower Upper

93 100

95 84.5 66.0 99.0

174 104.2 81.3 121.9





#47
Bromodichloromethane
Concen: 19.505 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

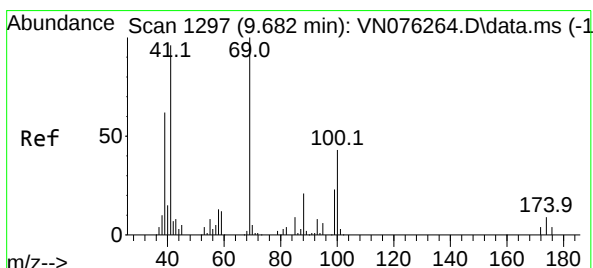
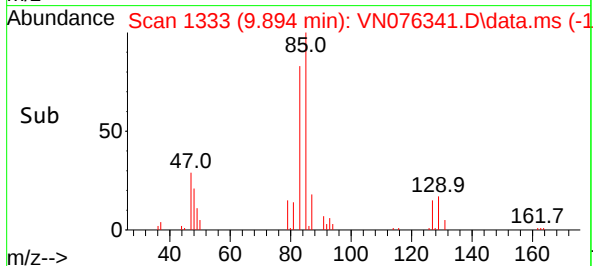
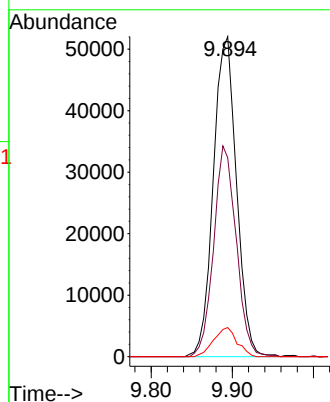
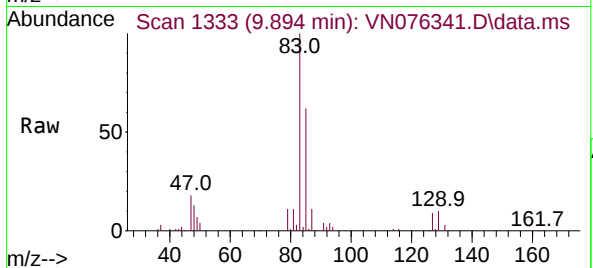
Tgt Ion: 83 Resp: 10322
Ion Ratio Lower Upper
83 100
85 62.2 52.1 78.1
127 9.1 7.4 11.0

Manual Integrations

APPROVED

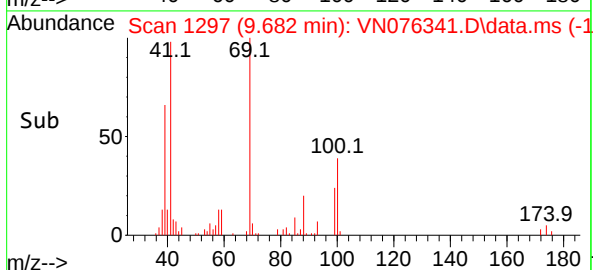
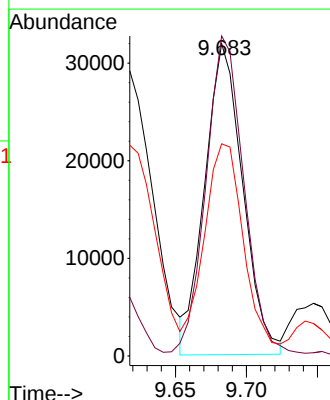
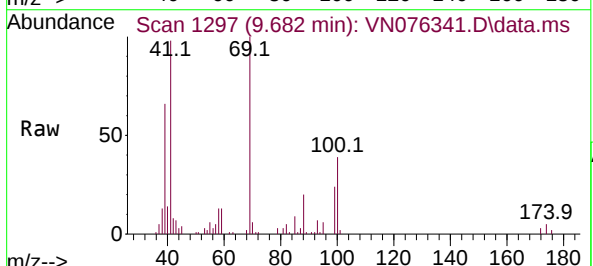
Reviewed By :John Carlone 01/23/2023

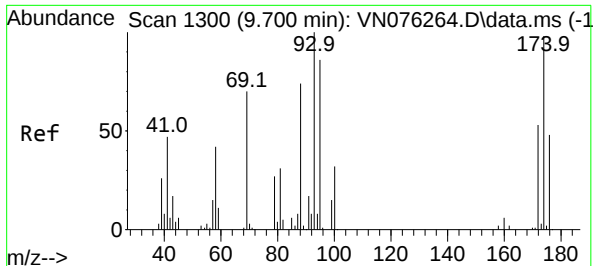
Supervised By :Mahesh Dadoda 01/25/2023



#48
Methyl methacrylate
Concen: 18.999 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 41 Resp: 59243
Ion Ratio Lower Upper
41 100
69 101.8 80.8 121.2
39 72.3 54.4 81.6





#49

1,4-Dioxane

Concen: 412.692 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 88 Resp: 27154

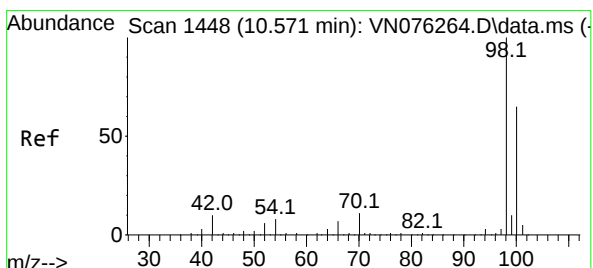
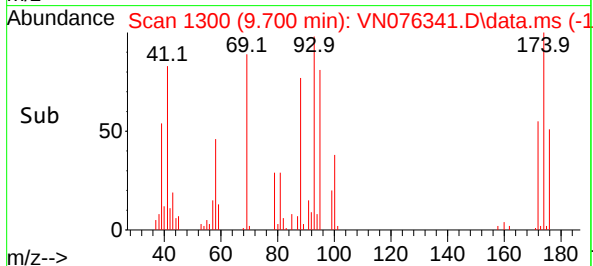
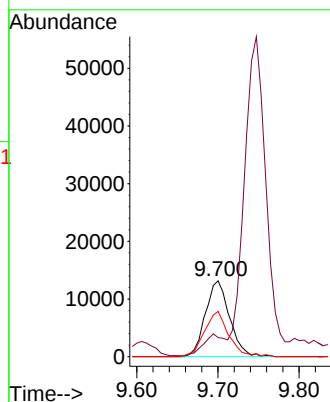
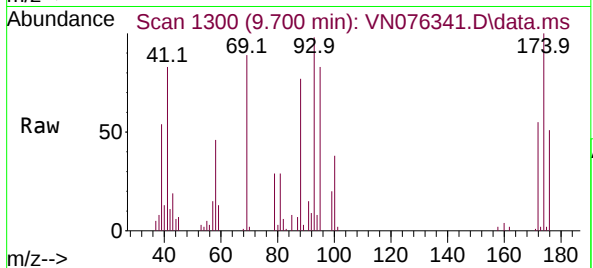
Ion	Ratio	Lower	Upper
88	100		
43	25.7	18.1	27.1
58	60.6	46.5	69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#50

Toluene-d8

Concen: 51.425 ug/l

RT: 10.571 min Scan# 1448

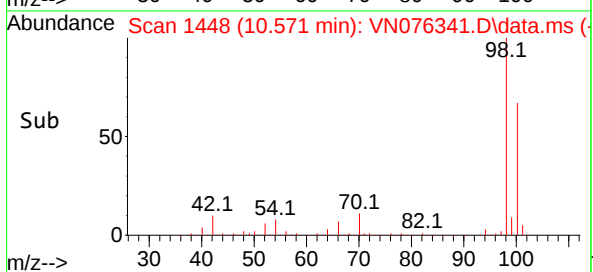
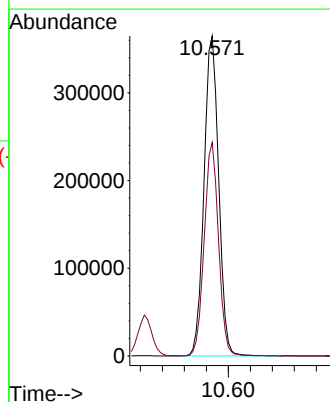
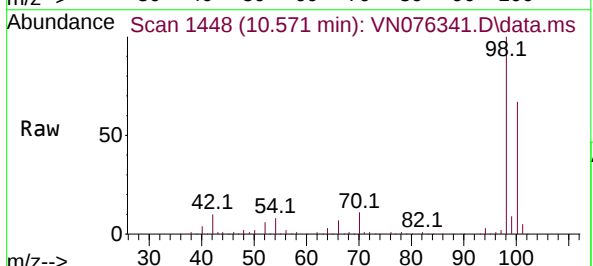
Delta R.T. -0.000 min

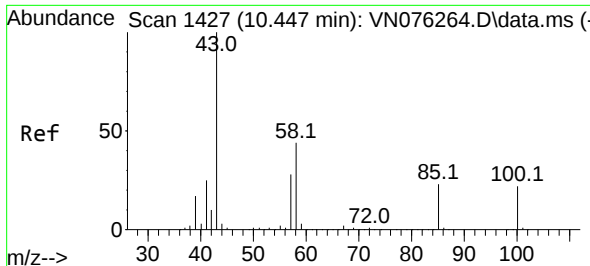
Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion: 98 Resp: 674666

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4





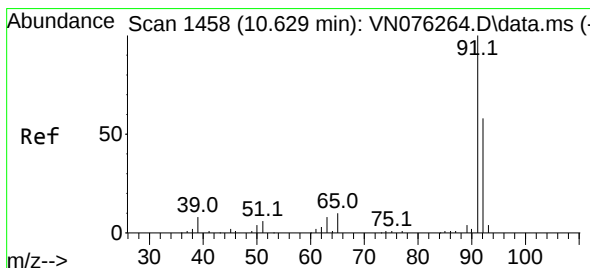
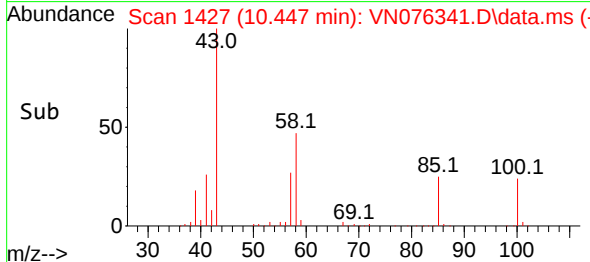
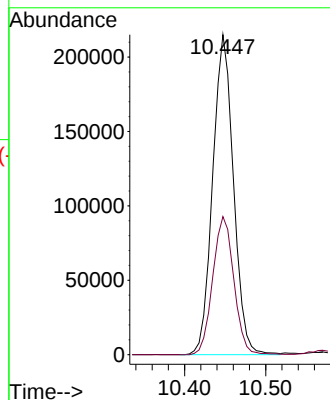
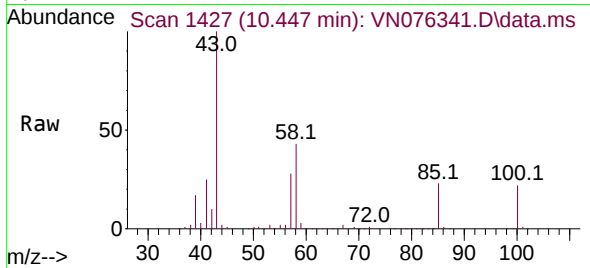
#51
4-Methyl-2-Pentanone
Concen: 98.932 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 43 Resp: 38253
Ion Ratio Lower Upper
43 100
58 43.8 35.1 52.7

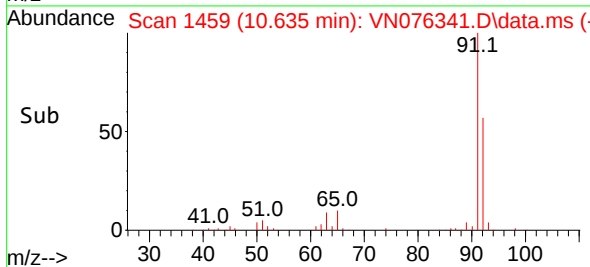
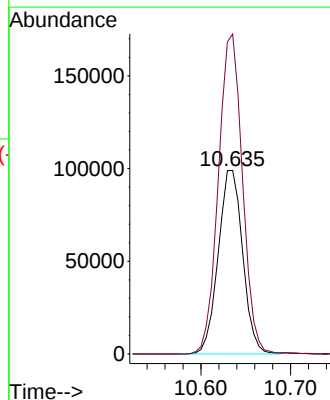
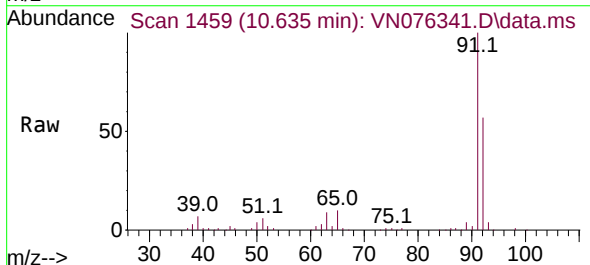
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 18.541 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 92 Resp: 187153
Ion Ratio Lower Upper
92 100
91 172.3 136.6 205.0





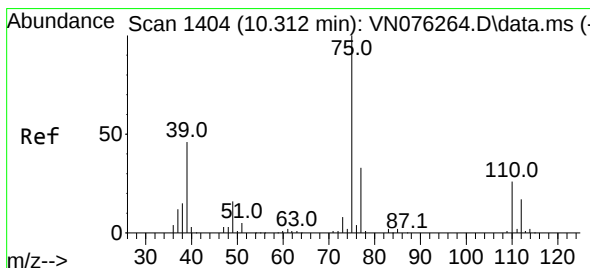
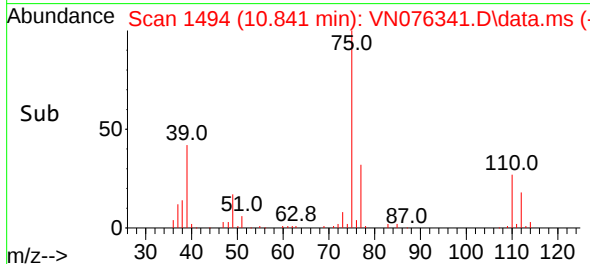
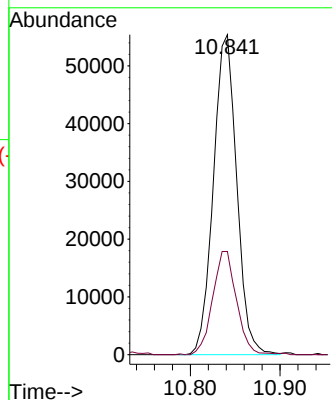
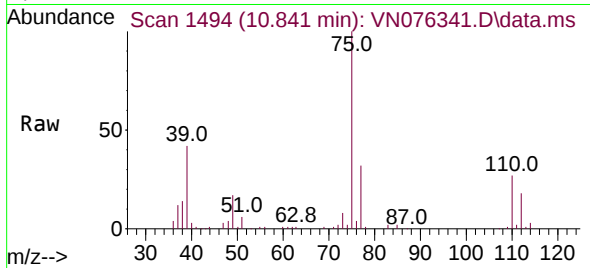
#53
 t-1,3-Dichloropropene
 Concen: 19.826 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076341.D
 Acq: 20 Jan 2023 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Tgt Ion: 75 Resp: 100015
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.6

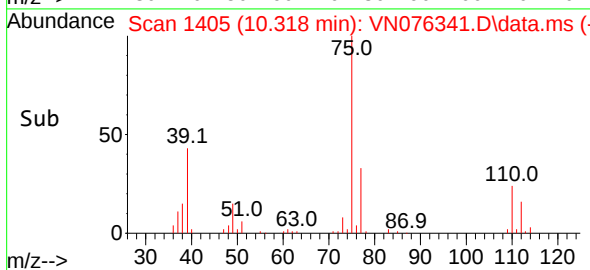
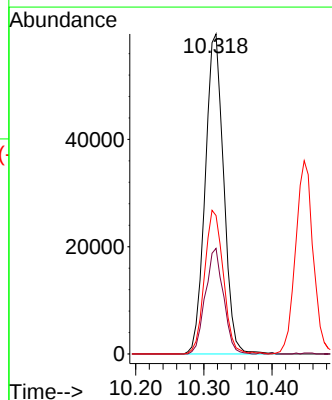
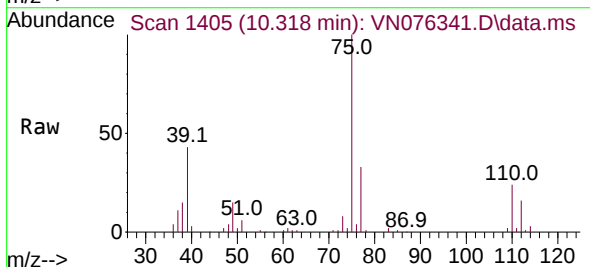
Manual Integrations
 APPROVED

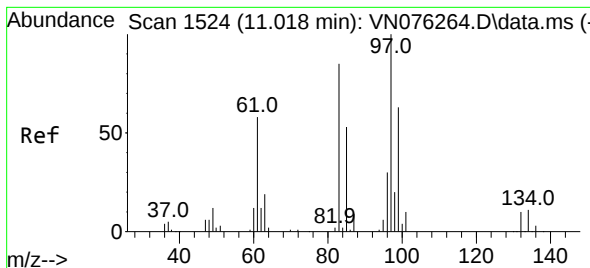
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.368 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076341.D
 Acq: 20 Jan 2023 12:25

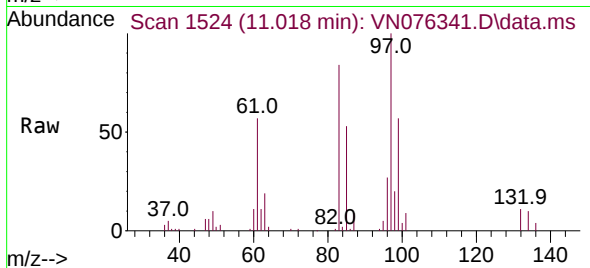
Tgt Ion: 75 Resp: 112409
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.5 39.7
 39 43.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 19.451 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

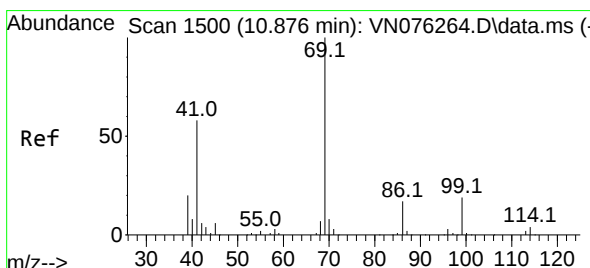
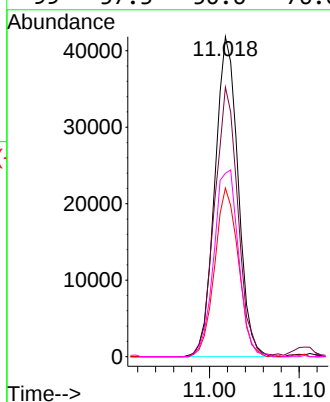
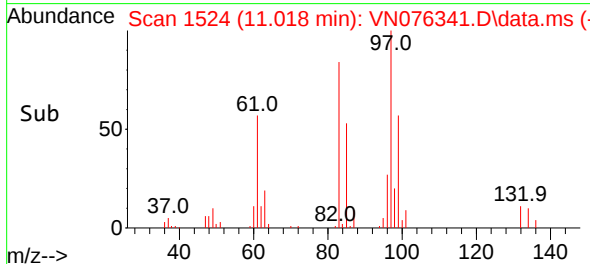


Tgt Ion: 97 Resp: 7504

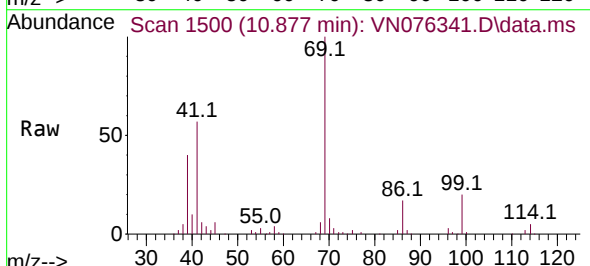
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.8	101.6
85	52.7	42.3	63.5
99	57.3	50.6	76.0

Manual Integrations
APPROVED

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

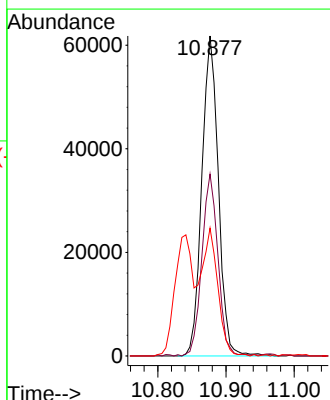
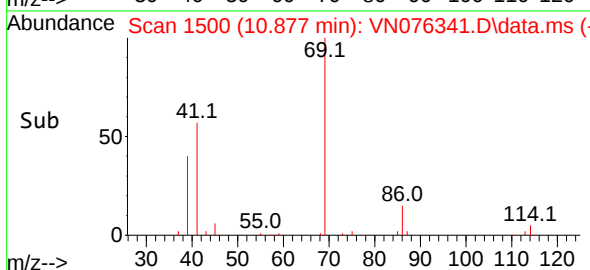


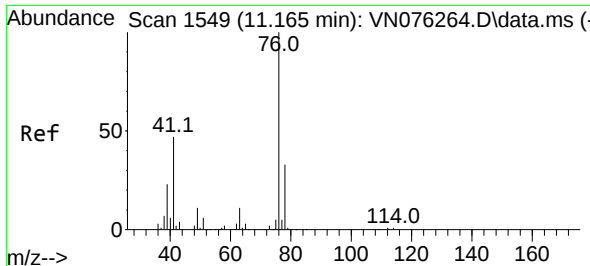
#56
Ethyl methacrylate
Concen: 20.929 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25



Tgt Ion: 69 Resp: 104247

Ion	Ratio	Lower	Upper
69	100		
41	55.3	45.3	67.9
39	36.2	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.253 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 76 Resp: 120714

Ion Ratio Lower Upper

76 100

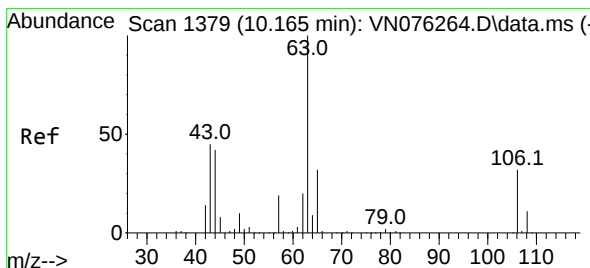
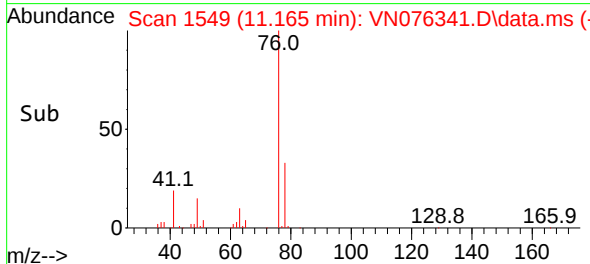
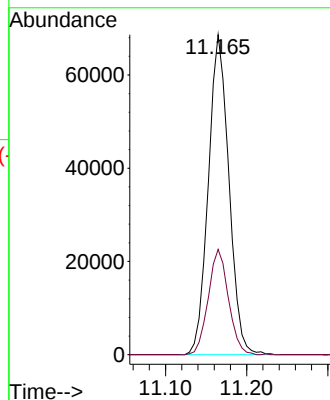
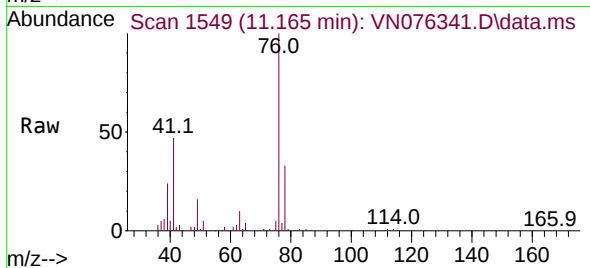
78 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 89.332 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN076341.D

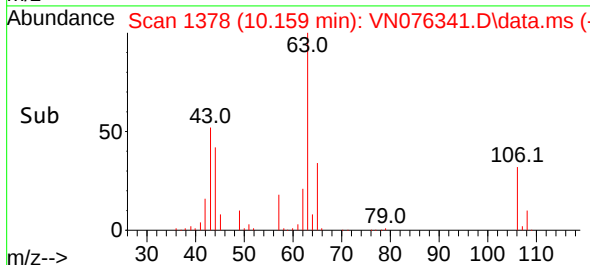
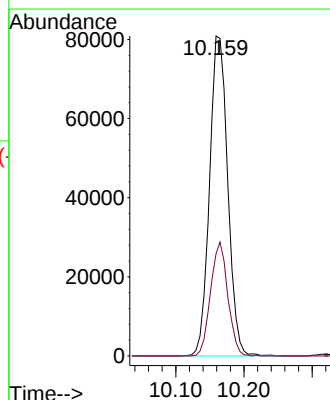
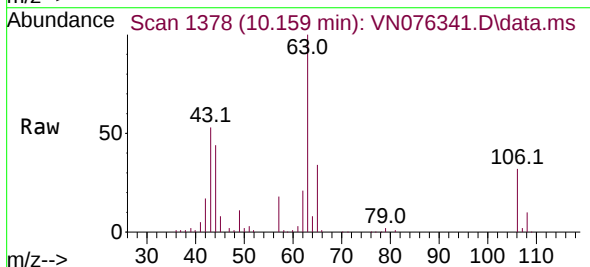
Acq: 20 Jan 2023 12:25

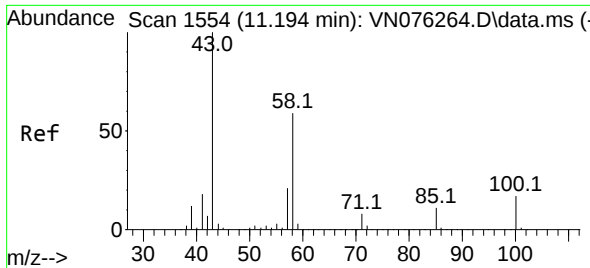
Tgt Ion: 63 Resp: 150219

Ion Ratio Lower Upper

63 100

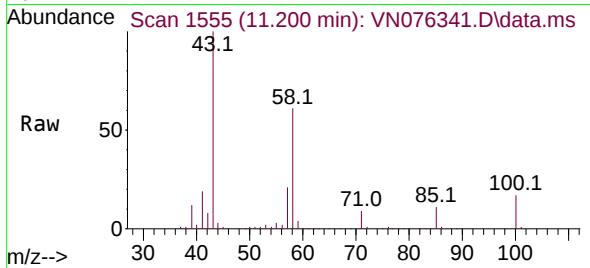
106 33.6 26.2 39.2





#59
2-Hexanone
Concen: 98.106 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

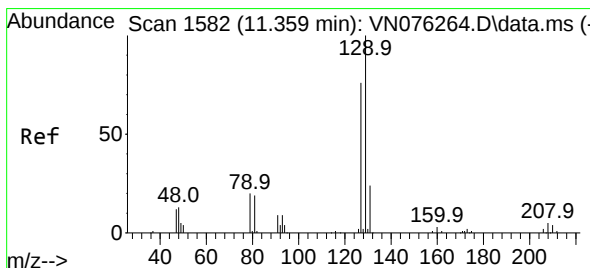
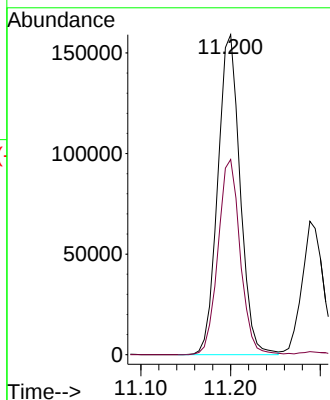
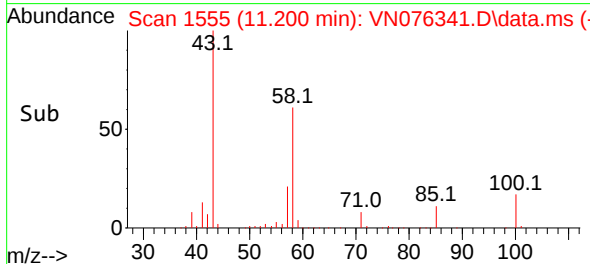
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion: 43 Resp: 27489
Ion Ratio Lower Upper
43 100
58 60.4 30.1 90.3

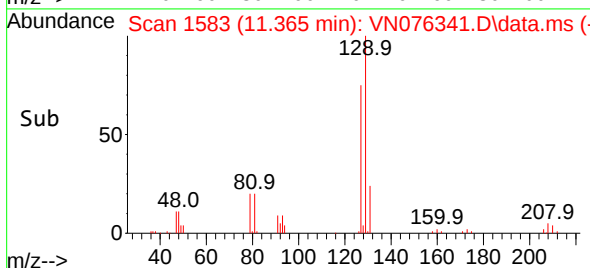
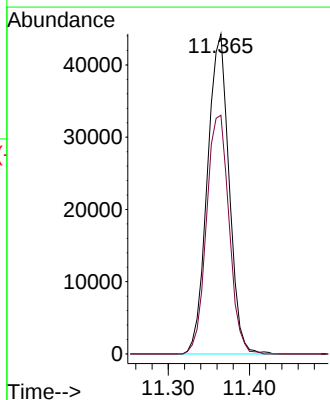
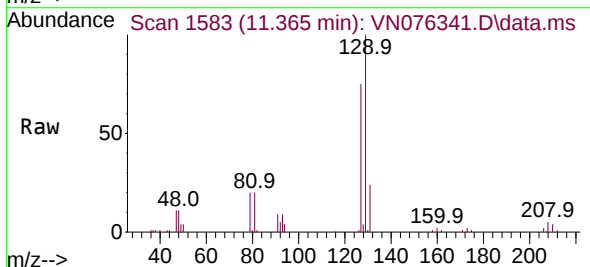
Manual Integrations
APPROVED

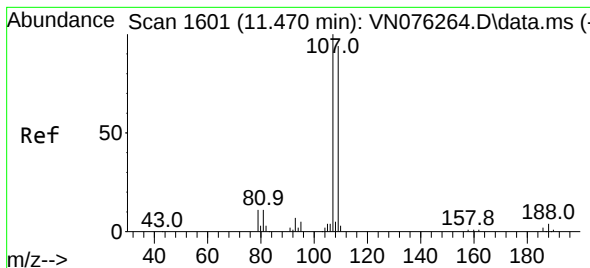
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#60
Dibromochloromethane
Concen: 20.244 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion:129 Resp: 82222
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





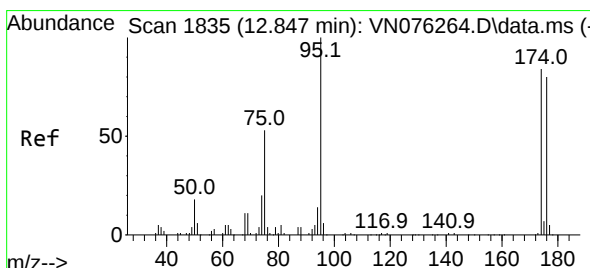
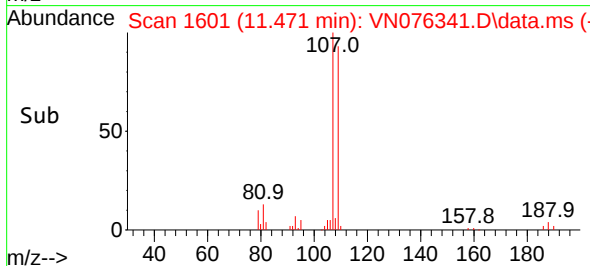
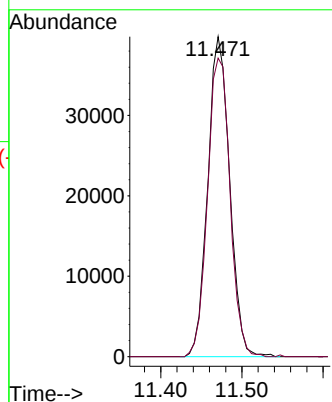
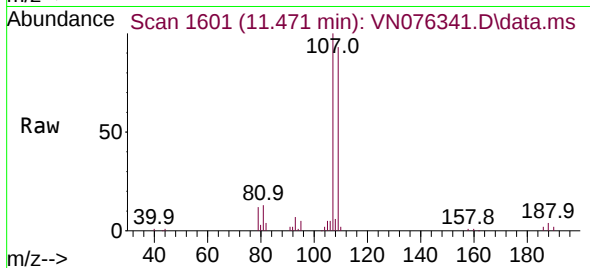
#61
1,2-Dibromoethane
Concen: 19.374 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion:107 Resp: 74612
Ion Ratio Lower Upper
107 100
109 95.7 76.0 114.0

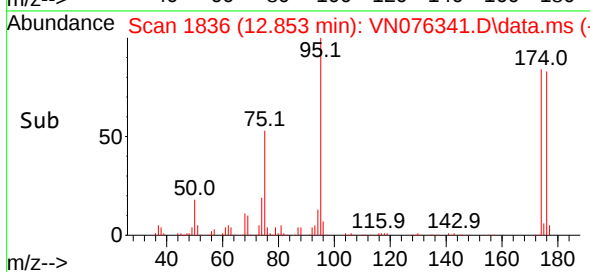
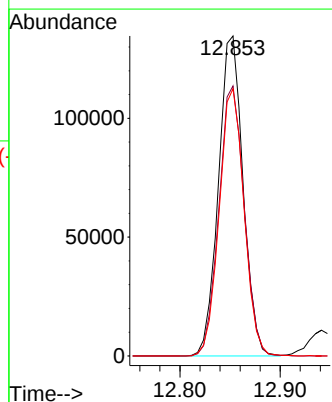
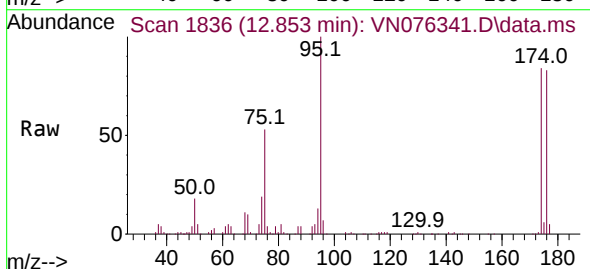
Manual Integrations
APPROVED

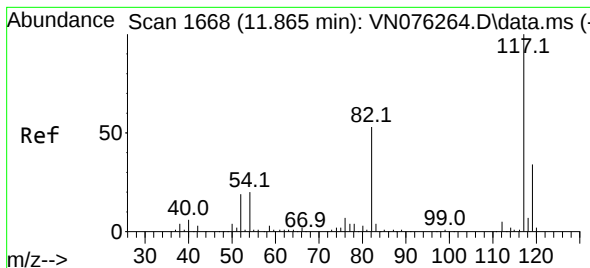
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#62
4-Bromofluorobenzene
Concen: 53.407 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 95 Resp: 228736
Ion Ratio Lower Upper
95 100
174 86.7 0.0 174.6
176 84.2 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion:117 Resp: 51094

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.2

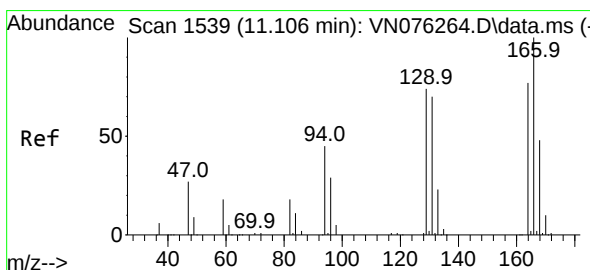
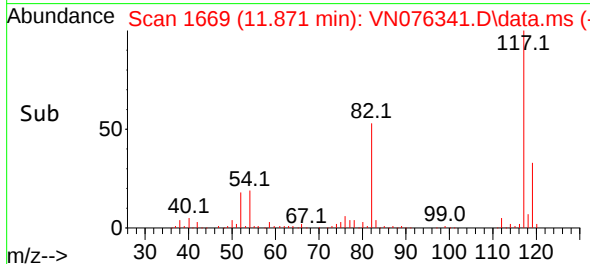
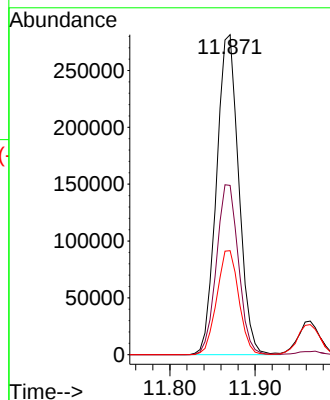
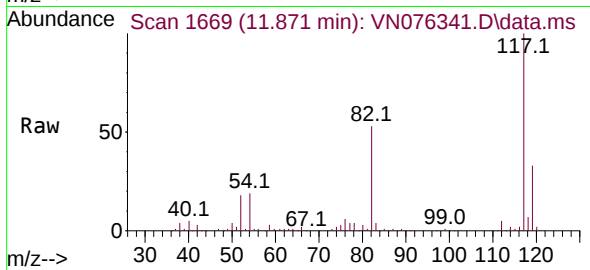
119 32.5 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#64

Tetrachloroethene

Concen: 18.380 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion:164 Resp: 84550

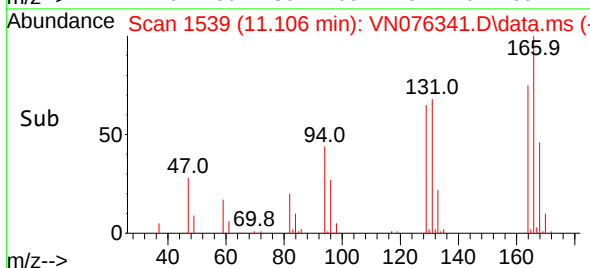
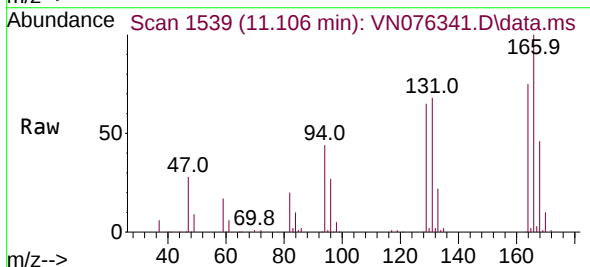
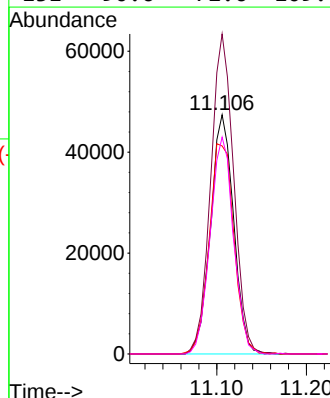
Ion Ratio Lower Upper

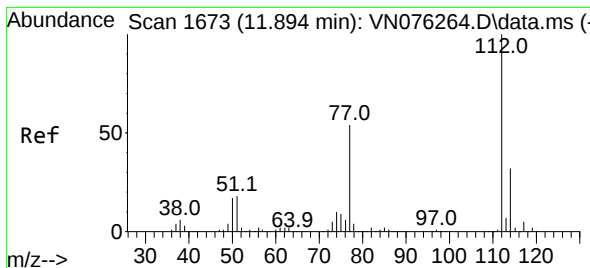
164 100

166 133.7 104.0 156.0

129 87.0 76.6 114.8

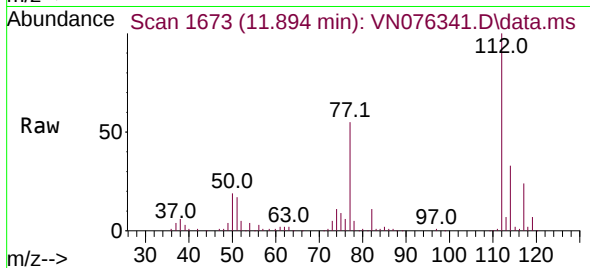
131 90.6 72.6 109.0





#65
Chlorobenzene
Concen: 18.772 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

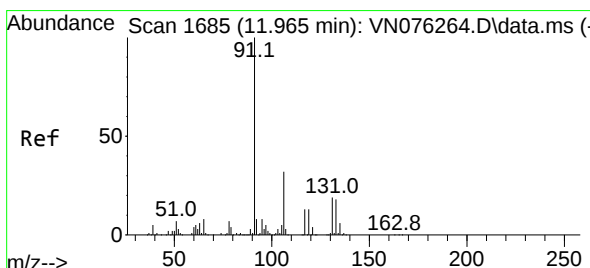
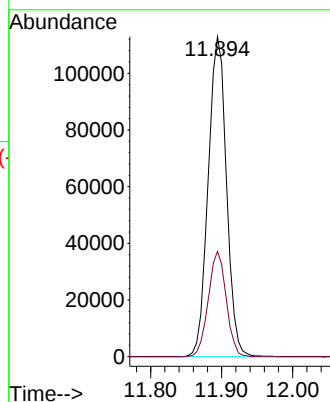
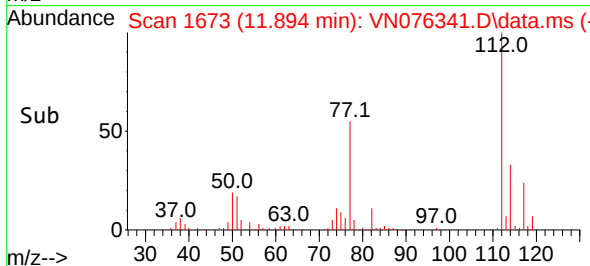
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



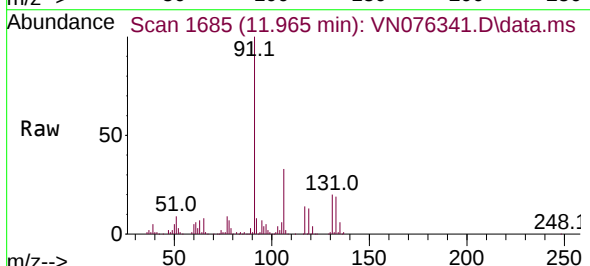
Tgt Ion:112 Resp: 20241
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9

Manual Integrations
APPROVED

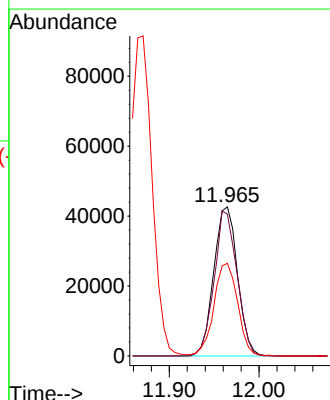
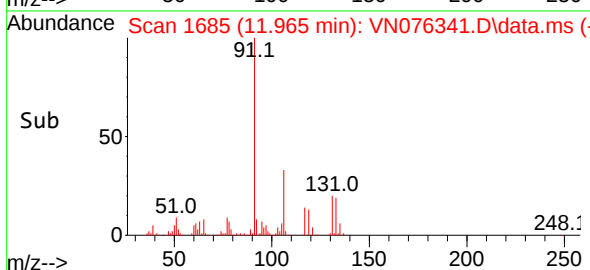
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

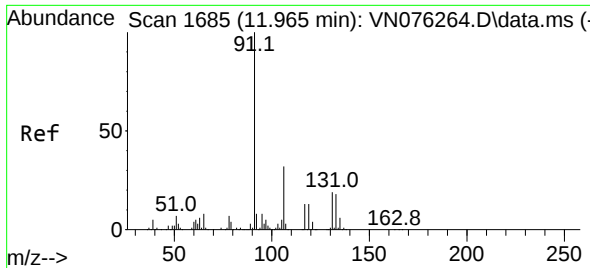


#66
1,1,1,2-Tetrachloroethane
Concen: 19.537 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25



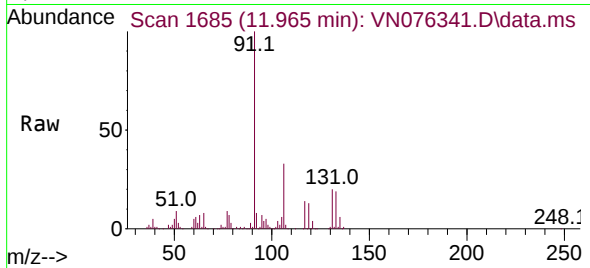
Tgt Ion:131 Resp: 78380
Ion Ratio Lower Upper
131 100
133 93.5 47.4 142.2
119 62.4 32.3 96.8





#67
Ethyl Benzene
Concen: 19.060 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

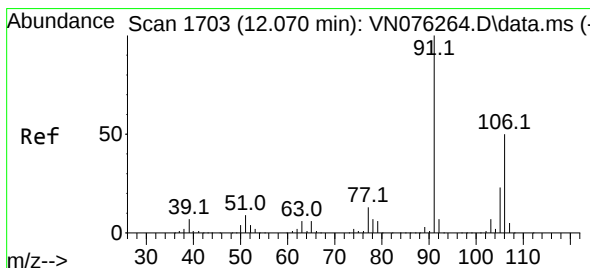
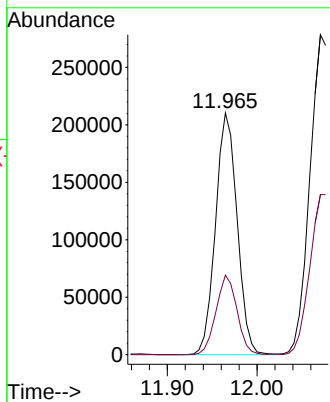
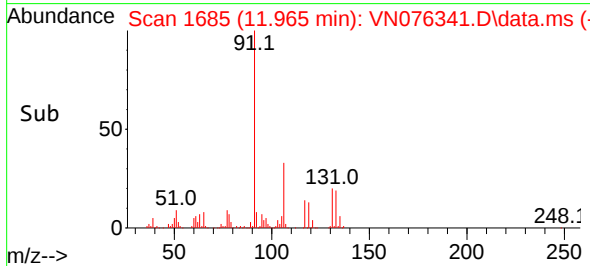
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



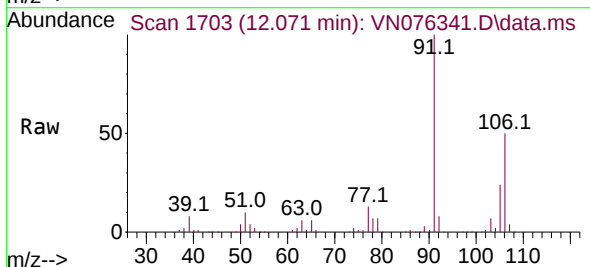
Tgt Ion: 91 Resp: 351749
Ion Ratio Lower Upper
91 100
106 32.9 25.5 38.3

Manual Integrations
APPROVED

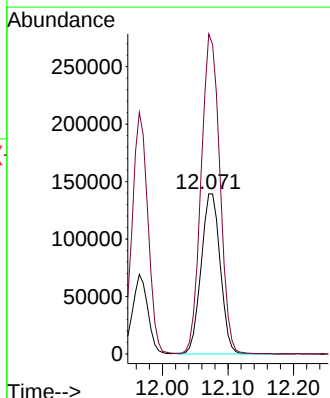
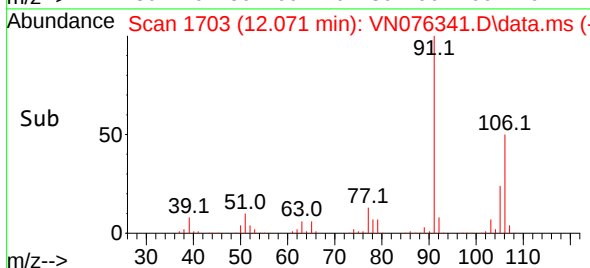
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

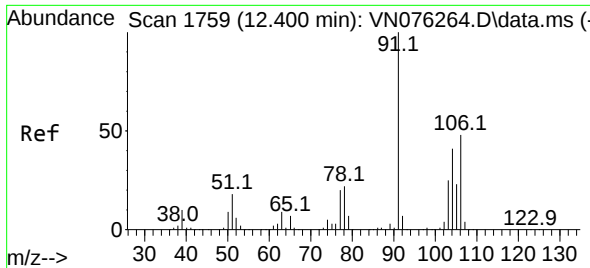


#68
m/p-Xylenes
Concen: 38.228 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25



Tgt Ion:106 Resp: 282887
Ion Ratio Lower Upper
106 100
91 195.9 157.5 236.3





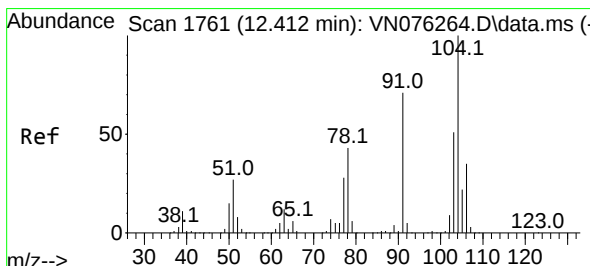
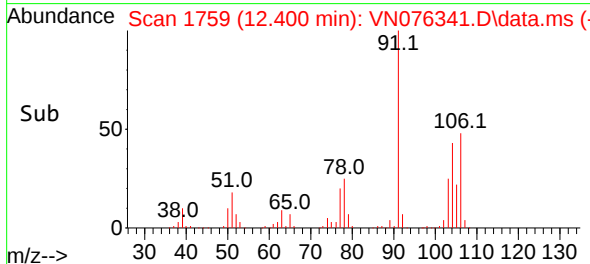
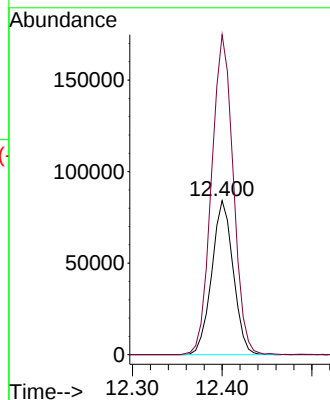
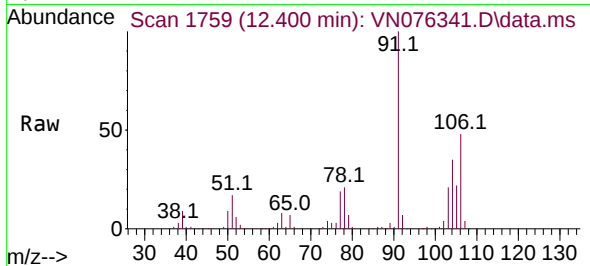
#69
o-Xylene
Concen: 19.219 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion:106 Resp: 13966
Ion Ratio Lower Upper
106 100
91 210.6 103.2 309.4

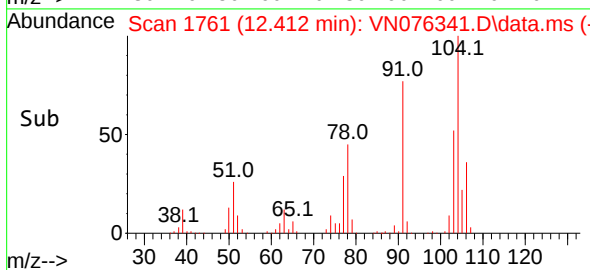
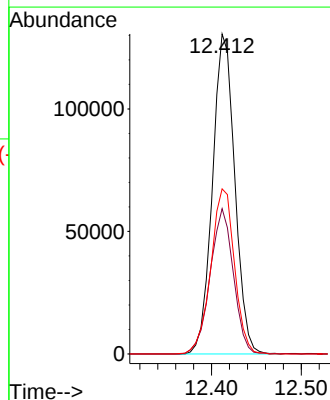
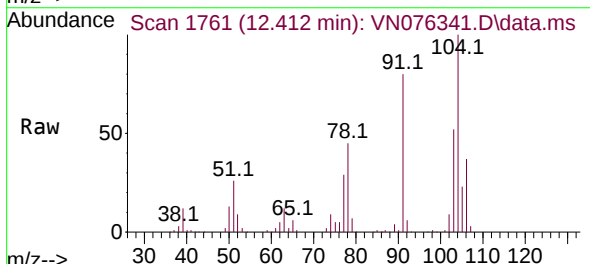
Manual Integrations
APPROVED

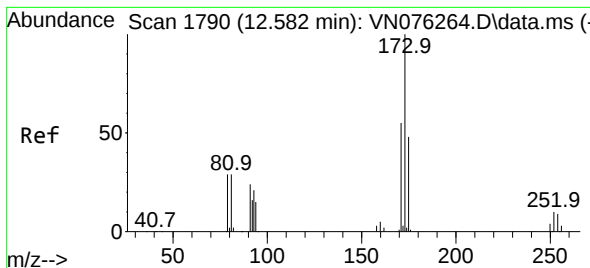
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#70
Styrene
Concen: 19.426 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion:104 Resp: 225404
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 54.7 44.2 66.2





#71

Bromoform

Concen: 19.806 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

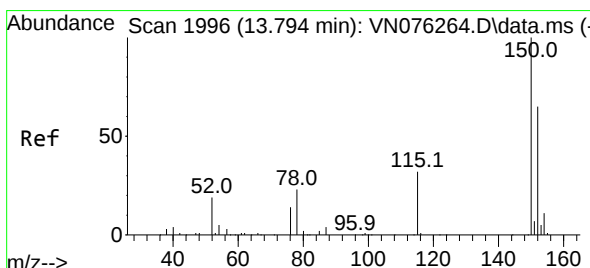
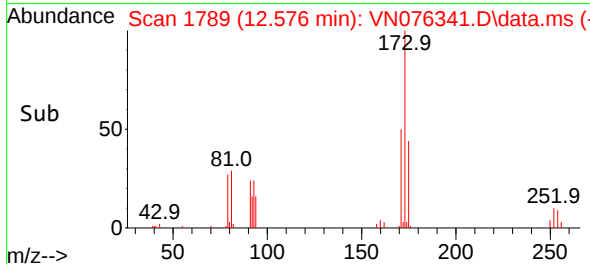
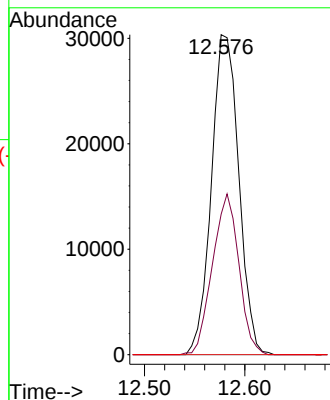
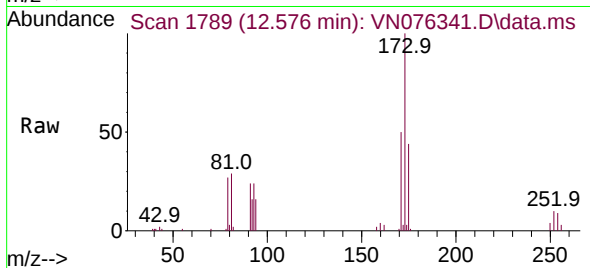
Tgt Ion:173	Resp:	5738
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.1 72.4
254	0.0	0.0 0.0

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

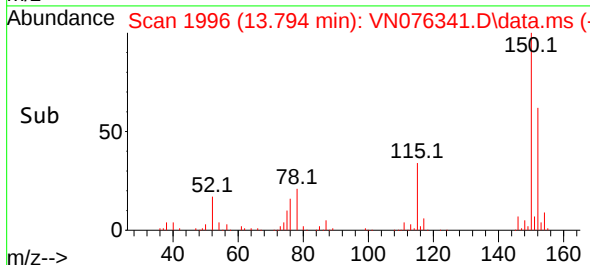
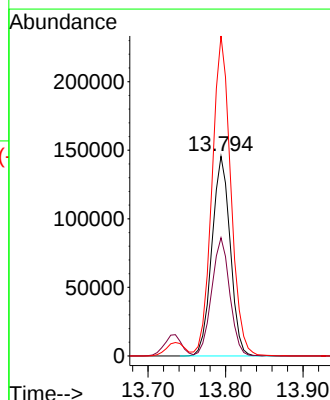
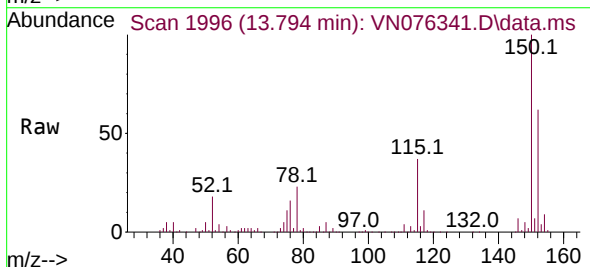
RT: 13.794 min Scan# 1996

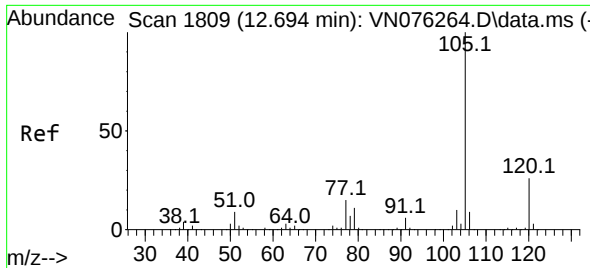
Delta R.T. 0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion:152	Resp:	238179
Ion Ratio	Lower	Upper
152	100	
115	58.4	29.6 88.9
150	164.9	0.0 351.4





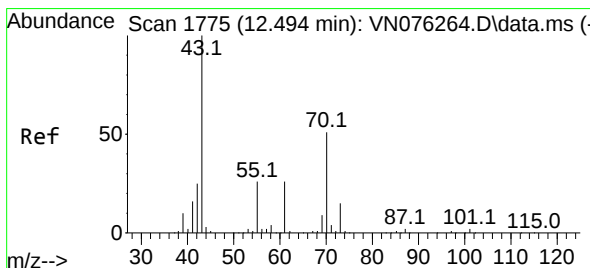
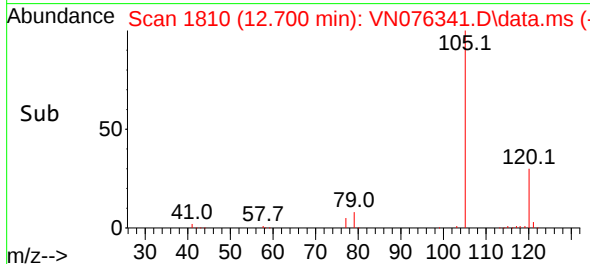
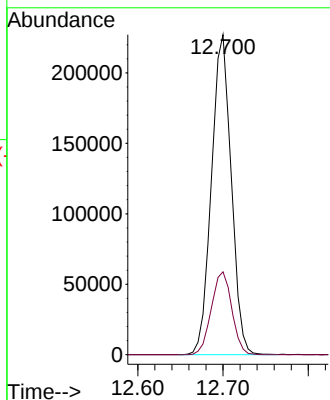
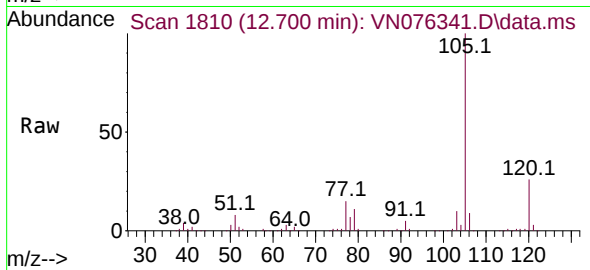
#73
Isopropylbenzene
Concen: 19.861 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion:105 Resp: 365948
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

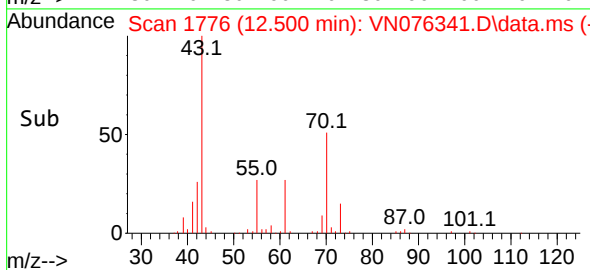
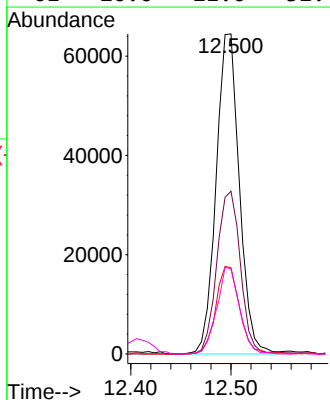
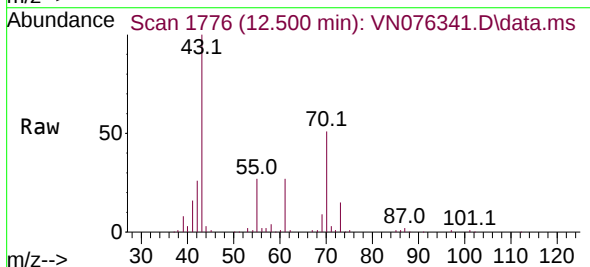
Manual Integrations
APPROVED

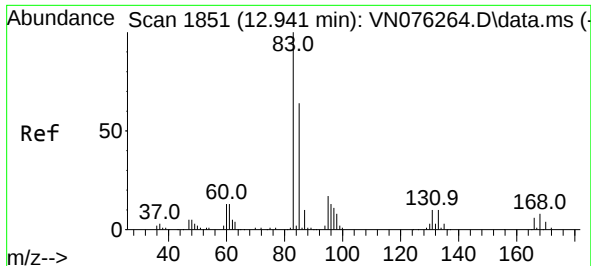
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#74
N-ethyl acetate
Concen: 19.557 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

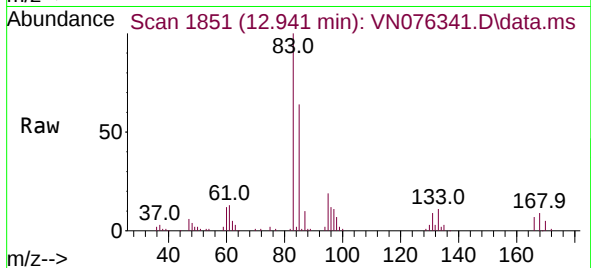
Tgt Ion: 43 Resp: 103656
Ion Ratio Lower Upper
43 100
70 51.8 41.2 61.8
55 27.9 21.0 31.6
61 26.6 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.257 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

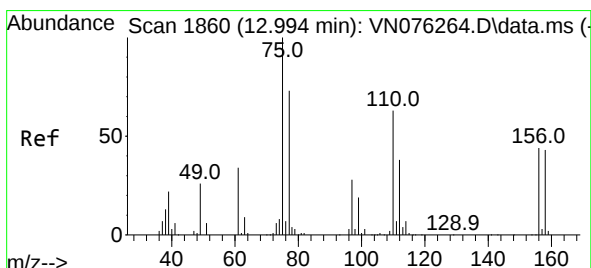
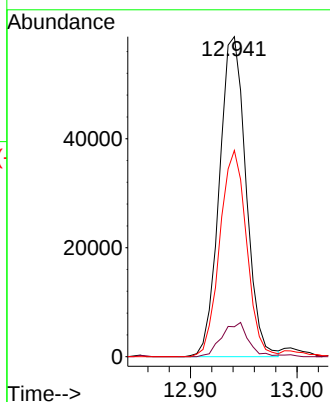
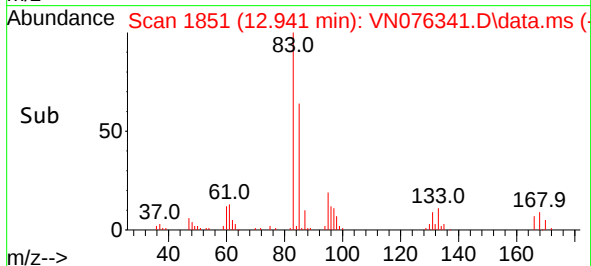
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion: 83 Resp: 102000
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.4
85 64.8 31.7 95.1

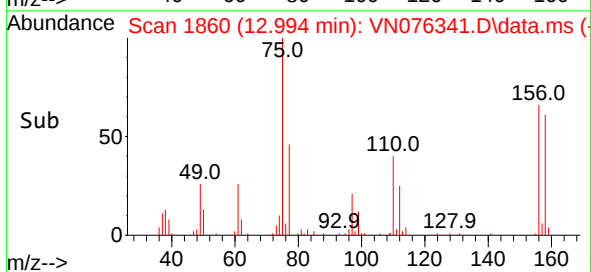
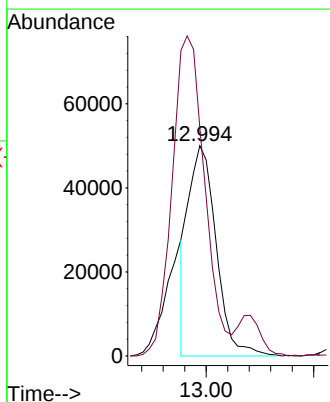
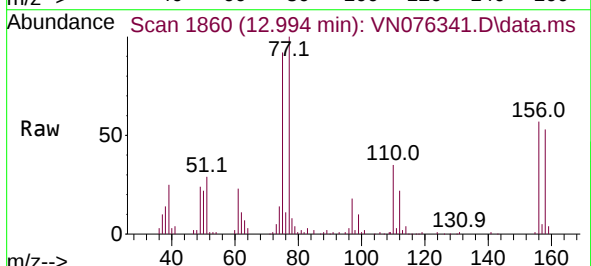
Manual Integrations
APPROVED

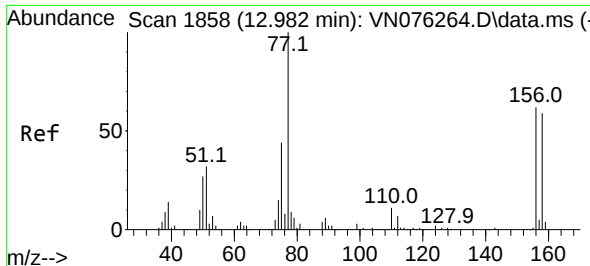
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#76
1,2,3-Trichloropropane
Concen: 20.195 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

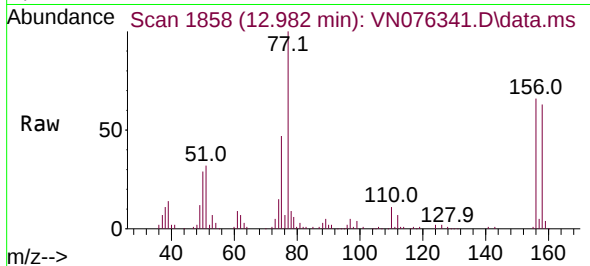
Tgt Ion: 75 Resp: 90078
Ion Ratio Lower Upper
75 100
77 178.0 75.2 225.6





#77
Bromobenzene
Concen: 19.764 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

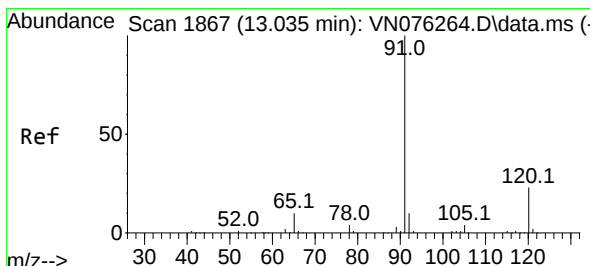
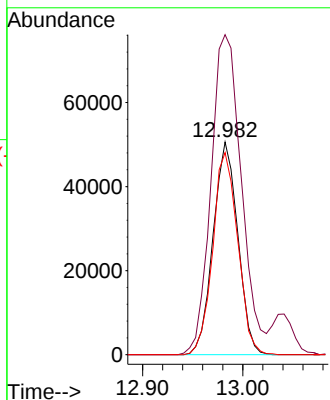
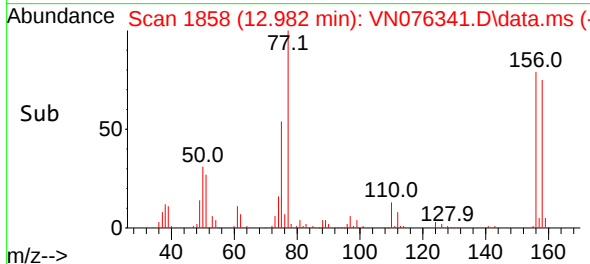
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



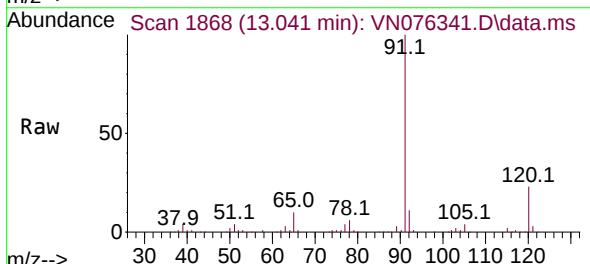
Tgt Ion:156 Resp: 86600
Ion Ratio Lower Upper
156 100
77 185.2 93.4 280.2
158 96.1 48.4 145.2

Manual Integrations
APPROVED

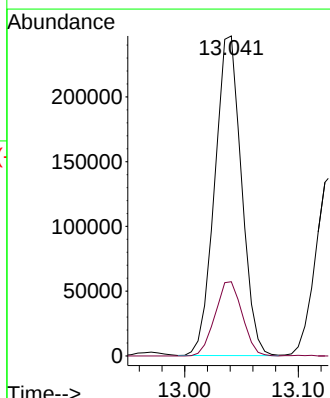
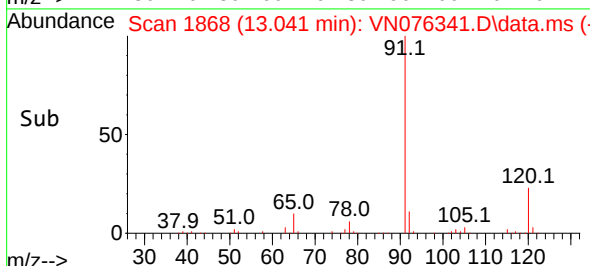
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

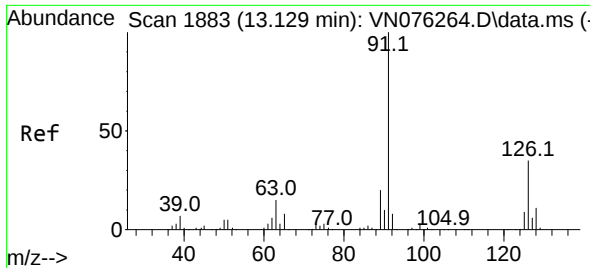


#78
n-propylbenzene
Concen: 19.431 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25



Tgt Ion: 91 Resp: 403966
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





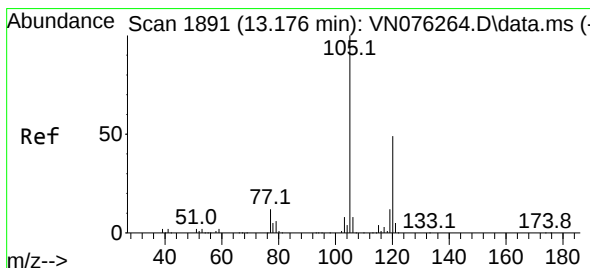
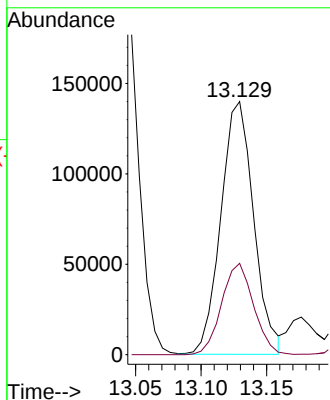
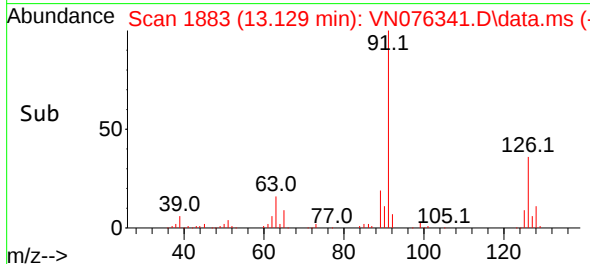
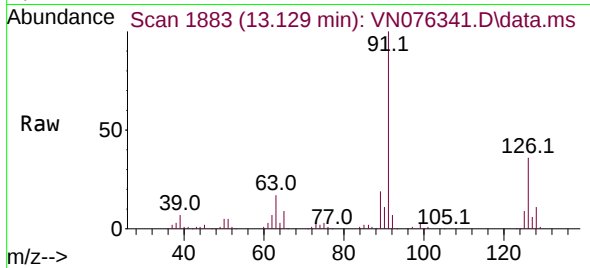
#79
2-Chlorotoluene
Concen: 19.111 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 91 Resp: 24381
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2

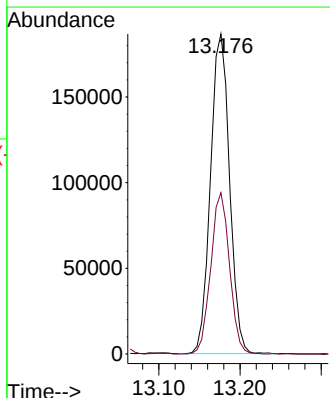
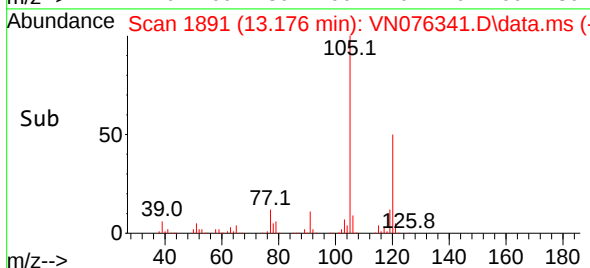
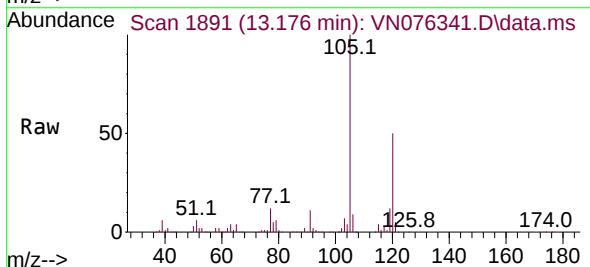
Manual Integrations
APPROVED

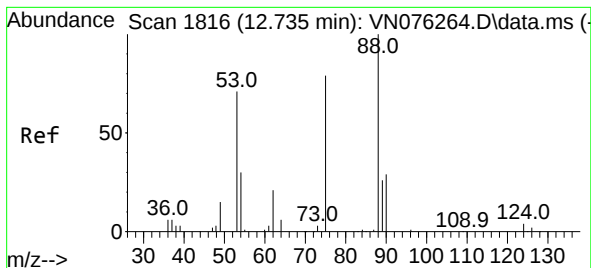
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.701 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion:105 Resp: 304105
Ion Ratio Lower Upper
105 100
120 49.6 25.0 75.0





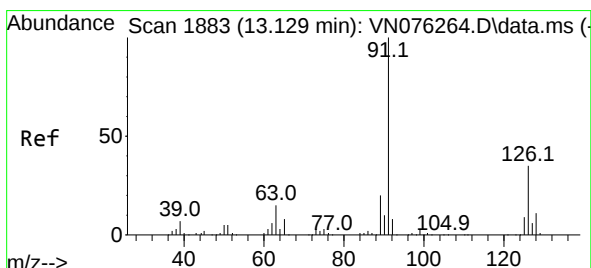
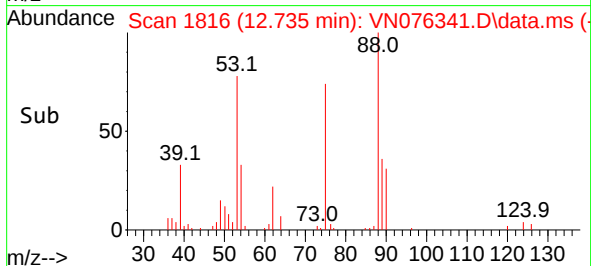
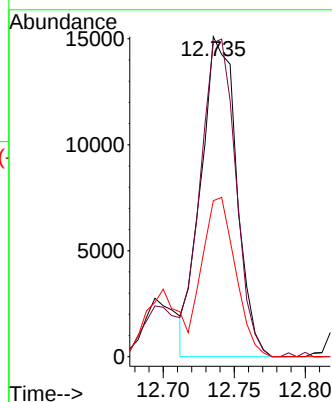
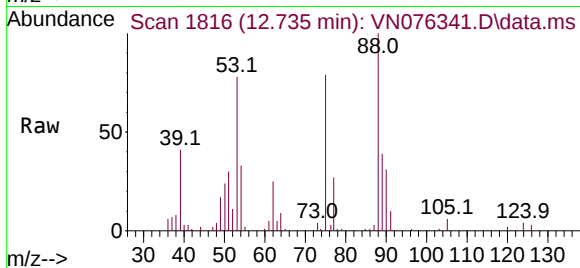
#81
trans-1,4-Dichloro-2-butene
Concen: 18.370 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 75 Resp: 2629
Ion Ratio Lower Upper
75 100
53 98.8 75.8 113.8
89 46.3 37.0 55.6

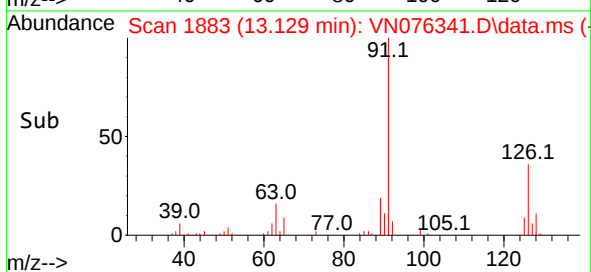
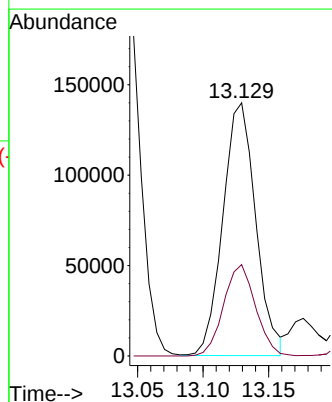
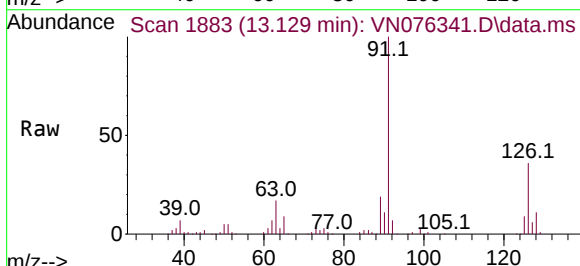
Manual Integrations
APPROVED

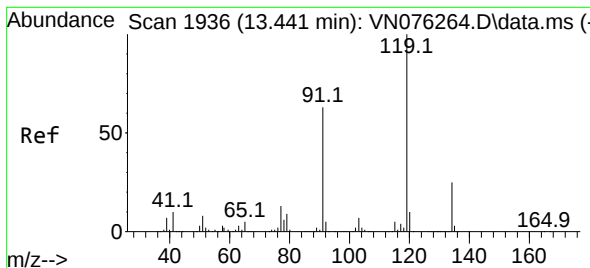
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#82
4-Chlorotoluene
Concen: 19.111 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

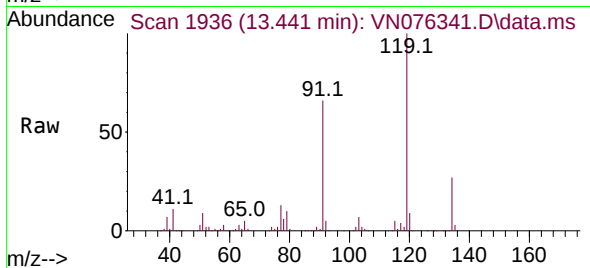
Tgt Ion: 91 Resp: 243812
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2





#83
tert-Butylbenzene
Concen: 20.364 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

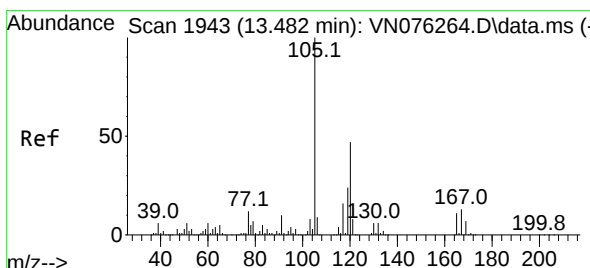
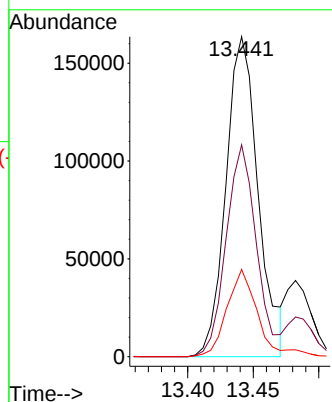
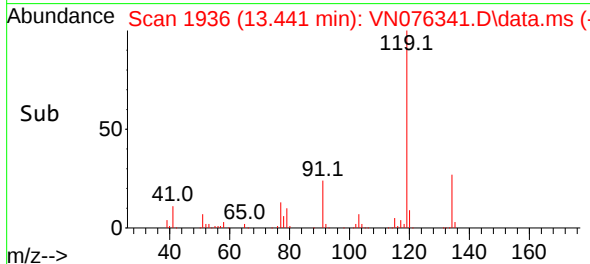
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion:119 Resp: 27957
Ion Ratio Lower Upper
119 100
91 62.5 32.2 96.6
134 26.2 13.6 40.8

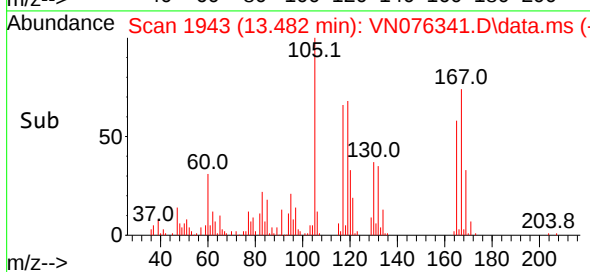
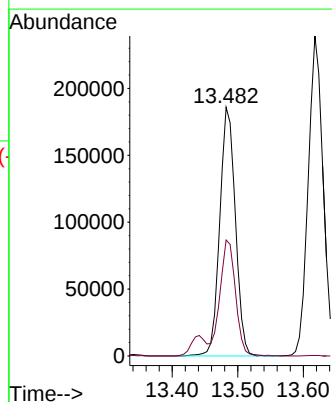
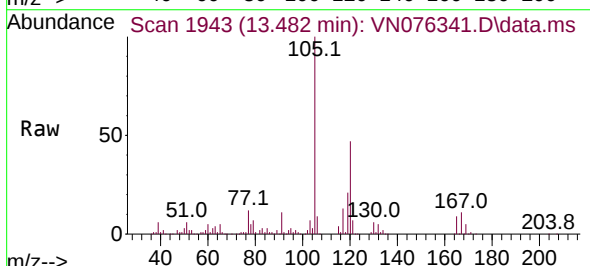
Manual Integrations
APPROVED

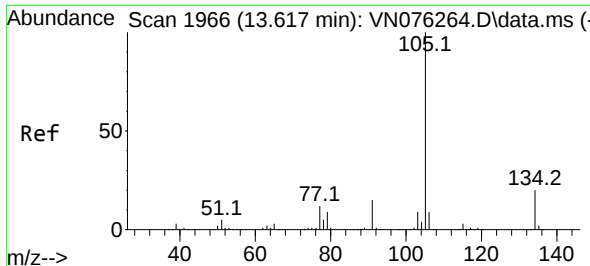
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.798 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

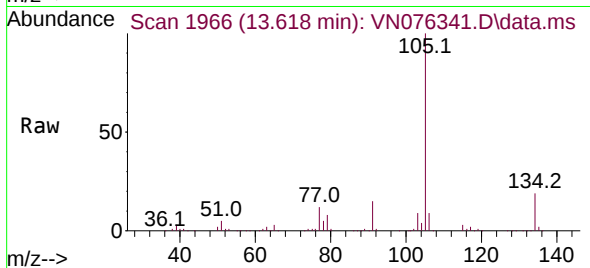
Tgt Ion:105 Resp: 306434
Ion Ratio Lower Upper
105 100
120 46.7 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 19.772 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076341.D
 Acq: 20 Jan 2023 12:25

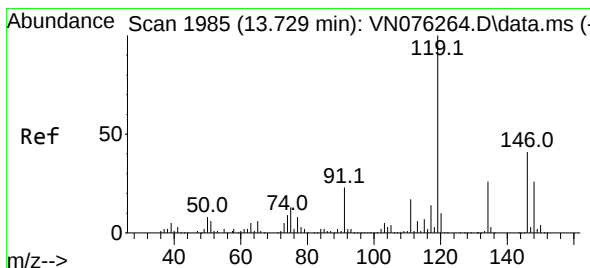
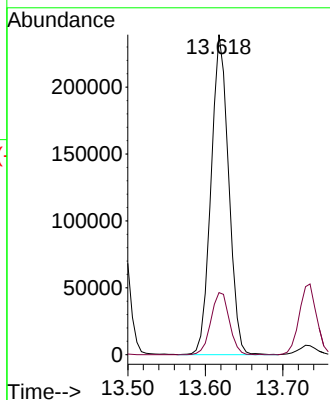
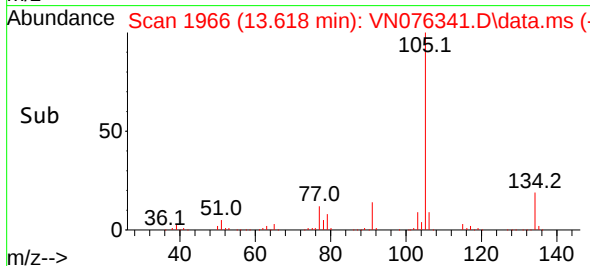
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01



Tgt Ion:105 Resp: 37666
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

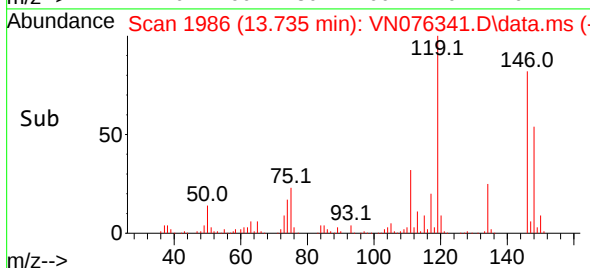
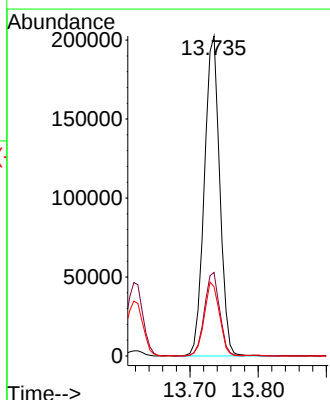
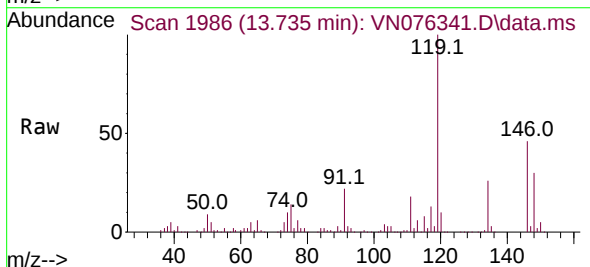
Manual Integrations
 APPROVED

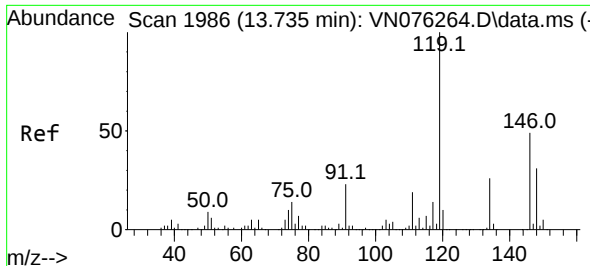
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#86
 p-Isopropyltoluene
 Concen: 20.298 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076341.D
 Acq: 20 Jan 2023 12:25

Tgt Ion:119 Resp: 317969
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.6
 91 22.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.123 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion:146 Resp: 157388

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

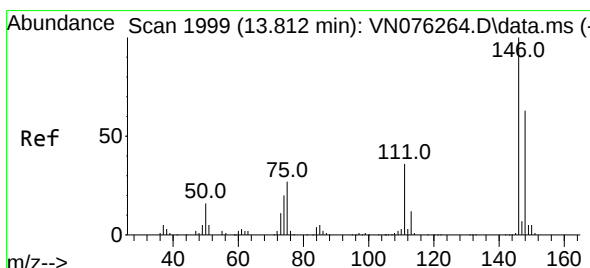
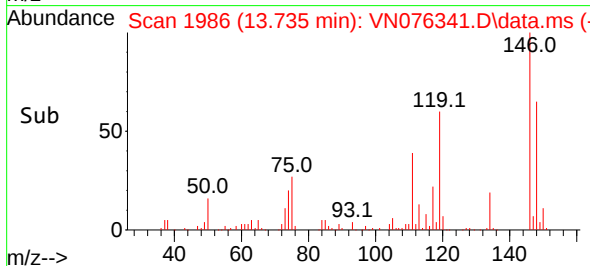
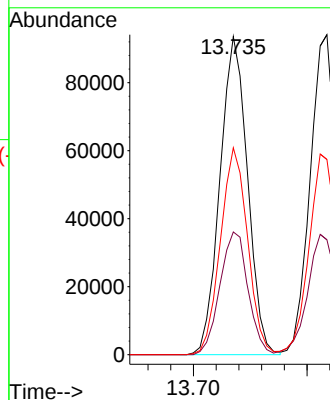
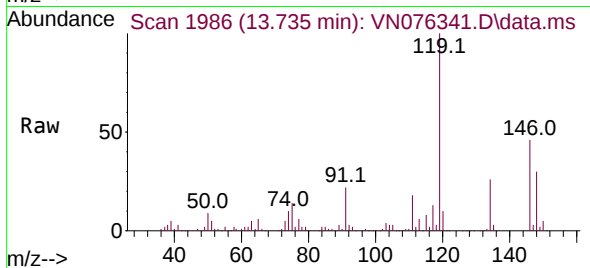
148 64.1 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#88

1,4-Dichlorobenzene

Concen: 18.829 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

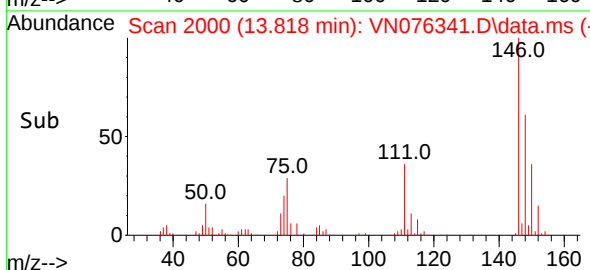
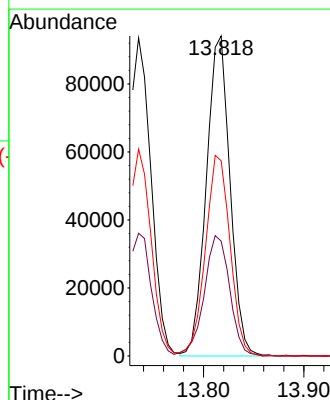
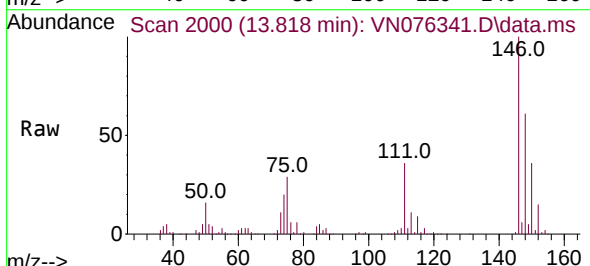
Tgt Ion:146 Resp: 155032

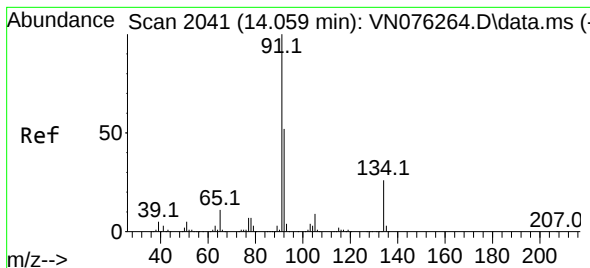
Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.5

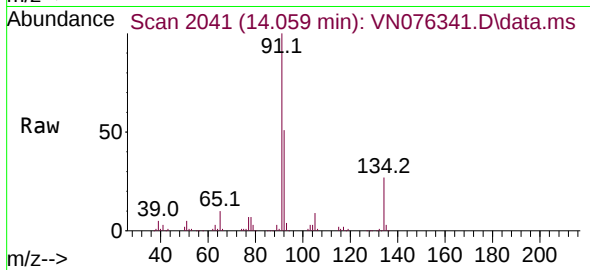
148 65.1 31.9 95.9





#89
n-Butylbenzene
Concen: 19.416 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

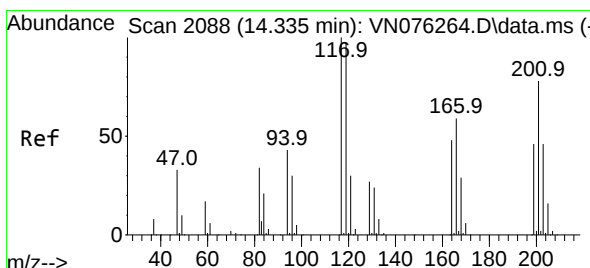
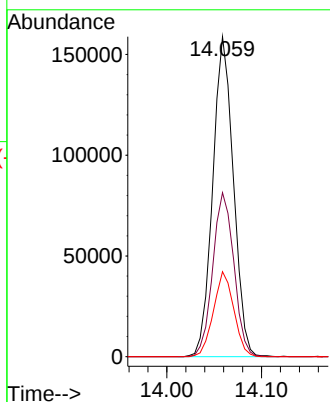
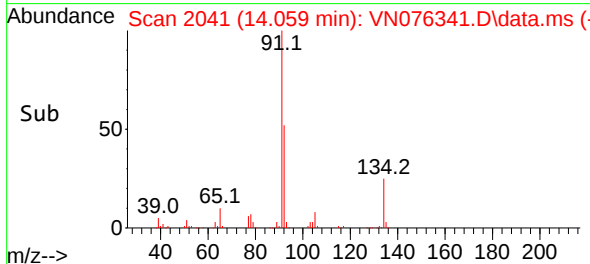
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion: 91 Resp: 241448
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 26.2 13.2 39.5

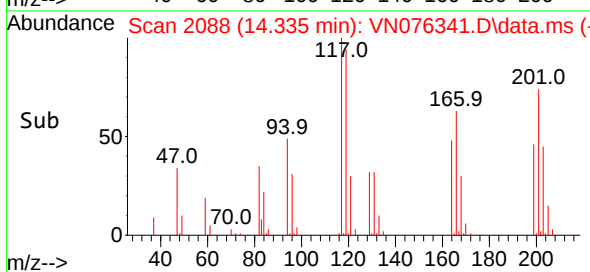
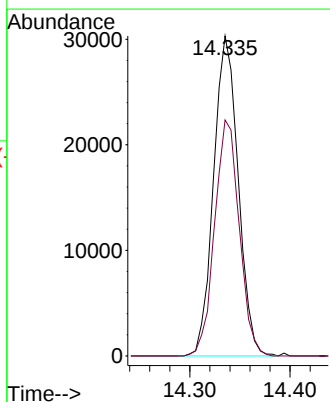
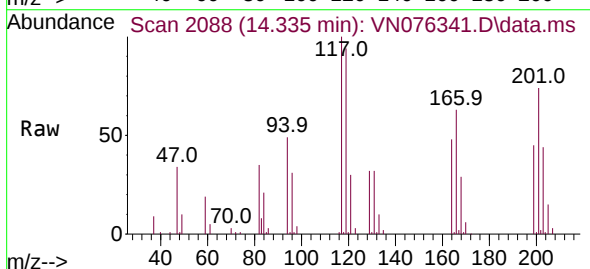
Manual Integrations
APPROVED

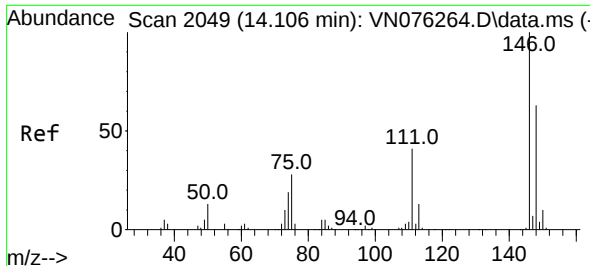
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#90
Hexachloroethane
Concen: 19.079 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

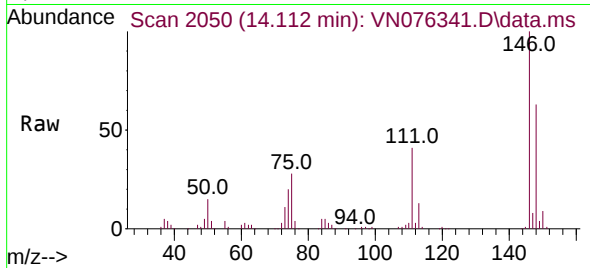
Tgt Ion:117 Resp: 51584
Ion Ratio Lower Upper
117 100
201 74.0 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 18.139 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

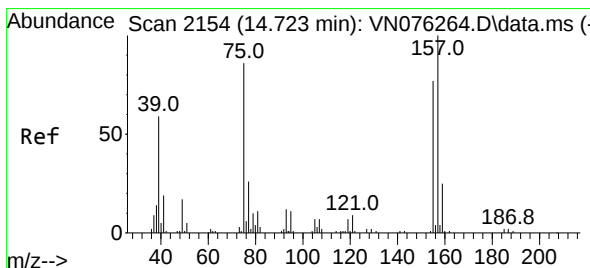
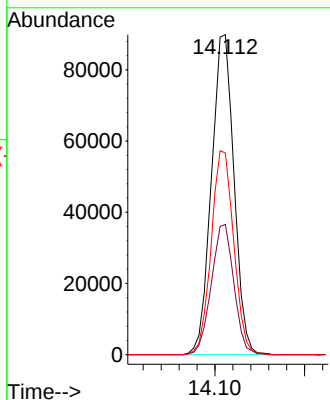
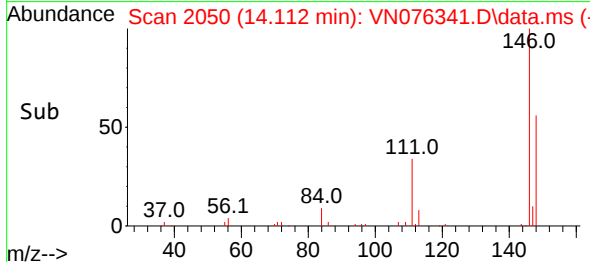
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion:146 Resp: 15689
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 63.7 31.8 95.4

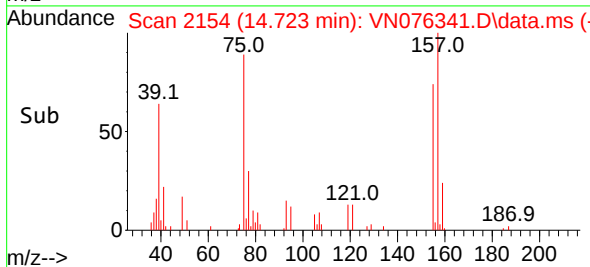
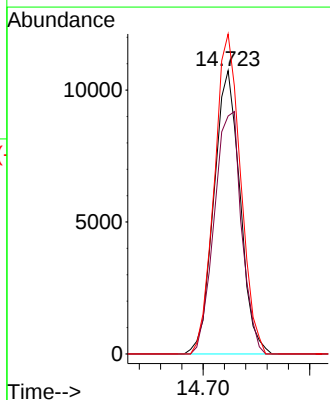
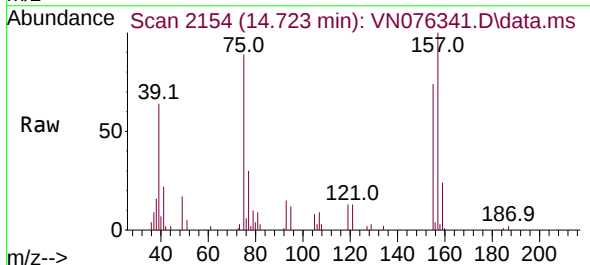
Manual Integrations
APPROVED

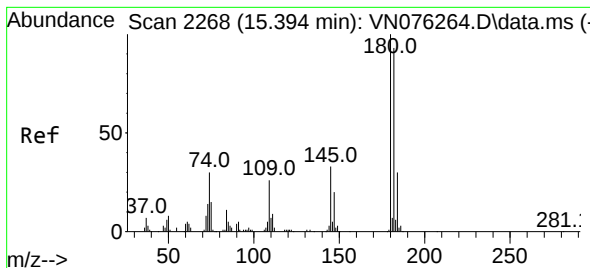
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.874 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076341.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 75 Resp: 18299
Ion Ratio Lower Upper
75 100
155 89.3 45.0 135.0
157 113.1 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 18.377 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

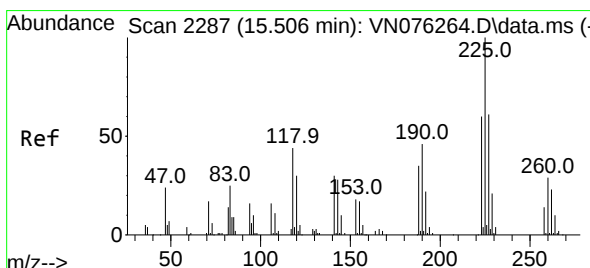
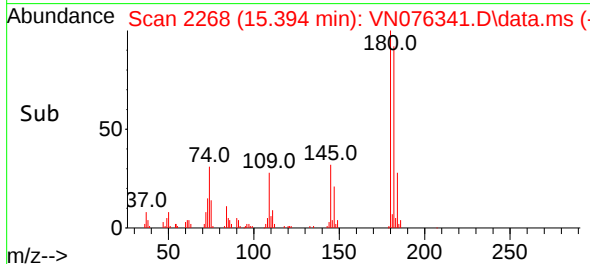
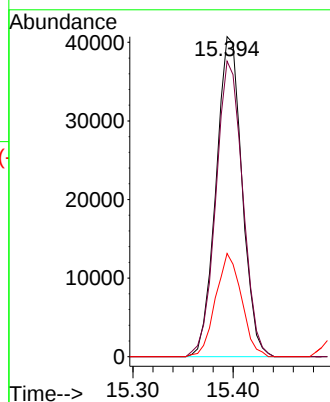
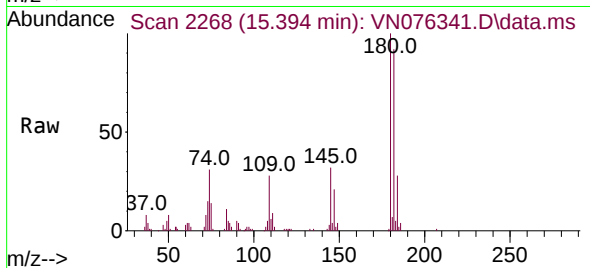
Tgt Ion:180	Resp:	73264
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.0 141.2
145	32.1	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#94

Hexachlorobutadiene

Concen: 17.864 ug/l

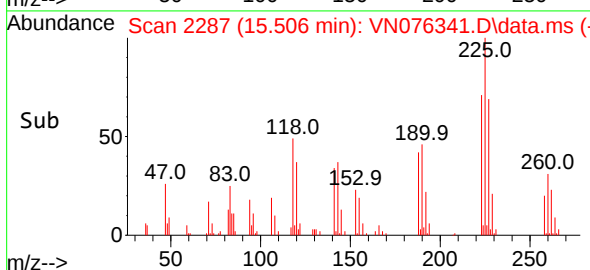
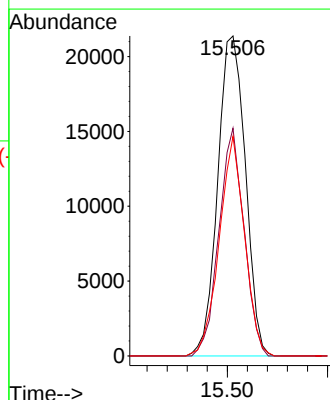
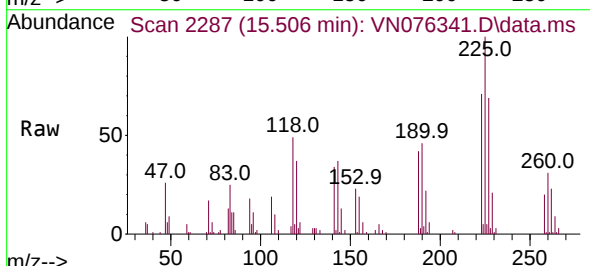
RT: 15.506 min Scan# 2287

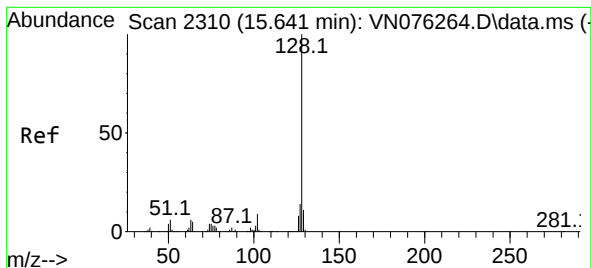
Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion:225	Resp:	41004
Ion Ratio	Lower	Upper
225	100	
223	64.5	30.8 92.3
227	62.6	30.9 92.8





#95

Naphthalene

Concen: 18.946 ug/l

RT: 15.647 min Scan# 21979

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion:128 Resp: 21979

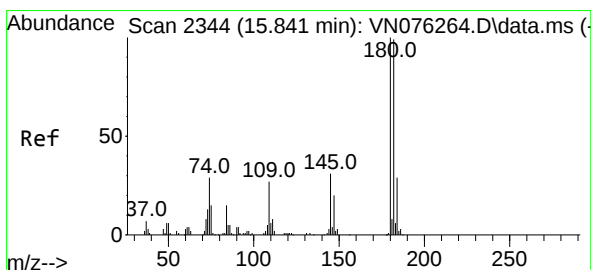
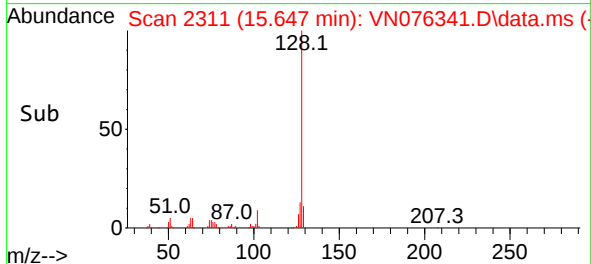
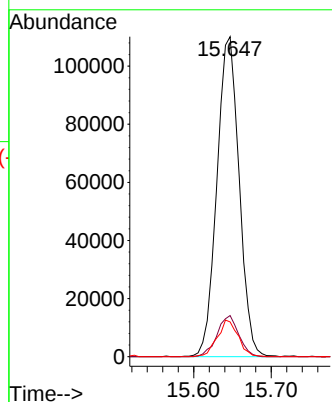
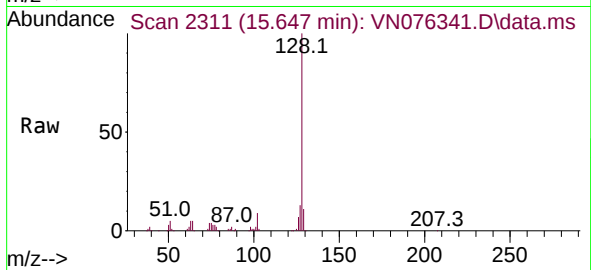
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.546 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion:180 Resp: 70926

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.5
145	33.4	15.9	47.6

