

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076177.D
 Acq On : 10 Jan 2023 12:31
 Operator : JC\MD
 Sample : VN0110MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 01:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	325792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	476987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218142	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	165647	46.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.480%
35) Dibromofluoromethane	8.177	113	152789	46.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.640%
50) Toluene-d8	10.571	98	552751	44.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.640%
62) 4-Bromofluorobenzene	12.853	95	185965	45.530	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	60647	26.217	ug/l	96
3) Chloromethane	2.377	50	60922	21.179	ug/l	99
4) Vinyl Chloride	2.530	62	73599	21.450	ug/l	98
5) Bromomethane	2.965	94	56230	19.283	ug/l	95
6) Chloroethane	3.130	64	51609	20.311	ug/l	97
7) Trichlorofluoromethane	3.512	101	103662	19.910	ug/l	99
8) Diethyl Ether	3.977	74	37493	19.716	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	60258	20.268	ug/l	100
10) Methyl Iodide	4.600	142	91094	18.880	ug/l	98
11) Tert butyl alcohol	5.530	59	43875	87.485	ug/l	98
12) 1,1-Dichloroethene	4.359	96	55040	19.062	ug/l	97
13) Acrolein	4.195	56	45367	73.786	ug/l	98
14) Allyl chloride	5.042	41	64340	19.061	ug/l	89
15) Acrylonitrile	5.736	53	133052	97.217	ug/l	100
16) Acetone	4.436	43	107077	87.639	ug/l	100
17) Carbon Disulfide	4.730	76	131279	18.778	ug/l	99
18) Methyl Acetate	5.042	43	74531	20.637	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	193630	20.364	ug/l	98
20) Methylene Chloride	5.295	84	70487	21.197	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	59068	18.679	ug/l	98
22) Diisopropyl ether	6.683	45	165501	20.184	ug/l	96
23) Vinyl Acetate	6.612	43	523162	94.792	ug/l	97
24) 1,1-Dichloroethane	6.577	63	106170	19.415	ug/l	98
25) 2-Butanone	7.489	43	169634	99.159	ug/l	92
26) 2,2-Dichloropropane	7.500	77	85821	18.532	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	71082	18.795	ug/l	96
28) Bromochloromethane	7.824	49	40839	17.038	ug/l	93
29) Tetrahydrofuran	7.847	42	111313	103.830	ug/l	98
30) Chloroform	7.971	83	116827	18.974	ug/l	97
31) Cyclohexane	8.265	56	94429	18.603	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	107402	19.676	ug/l	96
36) 1,1-Dichloropropene	8.377	75	83368	19.028	ug/l	99
37) Ethyl Acetate	7.571	43	72046	20.471	ug/l	97
38) Carbon Tetrachloride	8.371	117	96216	19.621	ug/l	98
39) Methylcyclohexane	9.606	83	103137	19.512	ug/l	98
40) Benzene	8.612	78	257519	19.050	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	36829	20.132	ug/l	95
42) 1,2-Dichloroethane	8.677	62	87593	19.490	ug/l	99
43) Isopropyl Acetate	8.694	43	114922	19.796	ug/l	99
44) Trichloroethene	9.353	130	69820	18.333	ug/l	98
45) 1,2-Dichloropropane	9.624	63	62159	18.896	ug/l	96
46) Dibromomethane	9.712	93	45493	18.645	ug/l	99
47) Bromodichloromethane	9.888	83	91110	19.042	ug/l	97
48) Methyl methacrylate	9.682	41	53034	20.283	ug/l	98
49) 1,4-Dioxane	9.700	88	22811	354.861	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	360424	102.659	ug/l	98
52) Toluene	10.635	92	172325	19.573	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	90422	19.306	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	98326	19.120	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	67455	19.520	ug/l	97
56) Ethyl methacrylate	10.877	69	90761	19.773	ug/l	96
57) 1,3-Dichloropropane	11.165	76	108253	19.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	129090	88.334	ug/l	99
59) 2-Hexanone	11.200	43	256372	100.130	ug/l	98
60) Dibromochloromethane	11.359	129	73671	19.170	ug/l	100
61) 1,2-Dibromoethane	11.471	107	66308	18.961	ug/l	96
64) Tetrachloroethene	11.106	164	72173	21.503	ug/l	97
65) Chlorobenzene	11.894	112	183581	18.752	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	69377	19.132	ug/l	98
67) Ethyl Benzene	11.965	91	326069	19.734	ug/l	97
68) m/p-Xylenes	12.071	106	258333	39.501	ug/l	100
69) o-Xylene	12.400	106	126966	19.618	ug/l	99
70) Styrene	12.412	104	205197	19.941	ug/l	99
71) Bromoform	12.582	173	51081	19.359	ug/l #	99
73) Isopropylbenzene	12.700	105	327409	20.770	ug/l	100
74) N-amyl acetate	12.494	43	93599	20.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	93858	19.260	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	113272	25.760	ug/l	71
77) Bromobenzene	12.982	156	76672	19.219	ug/l	100
78) n-propylbenzene	13.035	91	363582	20.912	ug/l	100
79) 2-Chlorotoluene	13.129	91	219600	20.233	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	273433	20.725	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	24551	20.097	ug/l	96
82) 4-Chlorotoluene	13.129	91	219600	20.233	ug/l	99
83) tert-Butylbenzene	13.441	119	239635	20.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	270822	20.692	ug/l	98
85) sec-Butylbenzene	13.618	105	333107	20.747	ug/l	99
86) p-Isopropyltoluene	13.729	119	278208	20.824	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	140331	19.043	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	140060	18.605	ug/l	99
89) n-Butylbenzene	14.059	91	211735	19.563	ug/l	99
90) Hexachloroethane	14.335	117	48380	20.245	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	138540	19.086	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15297	17.690	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	65106	18.117	ug/l	99
94) Hexachlorobutadiene	15.506	225	35177	17.942	ug/l	99
95) Naphthalene	15.641	128	194421	17.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	64057	19.071	ug/l	99

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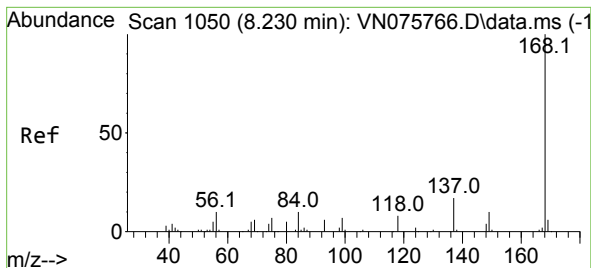
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

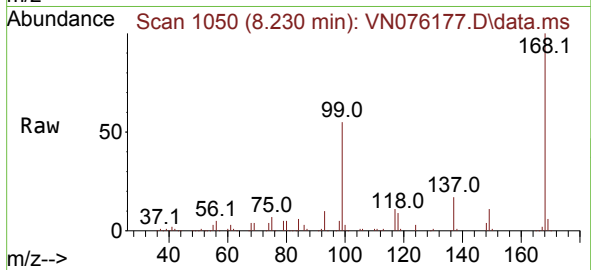
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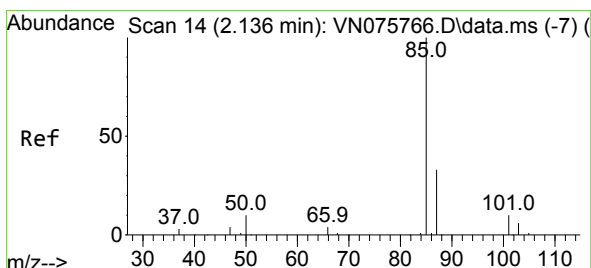
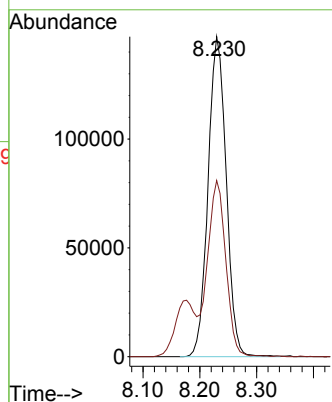
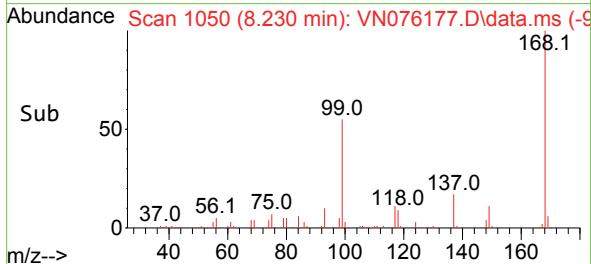


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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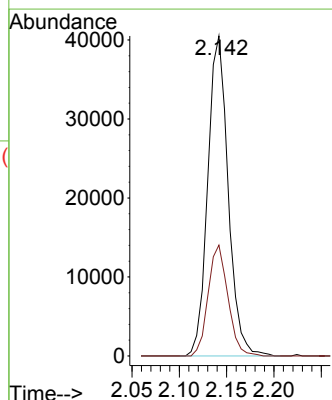
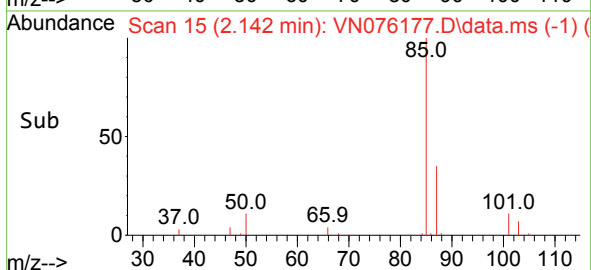
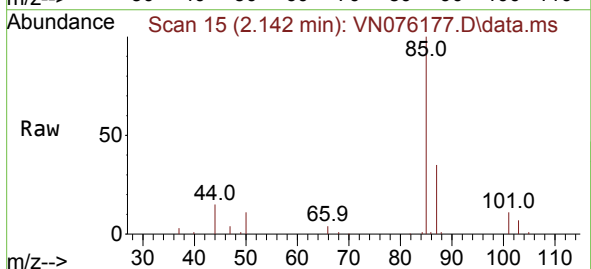


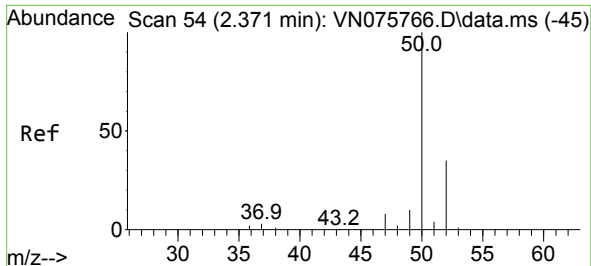
Tgt Ion:168 Resp: 325792
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 26.217 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 85 Resp: 60647
Ion Ratio Lower Upper
85 100
87 34.6 16.3 48.9

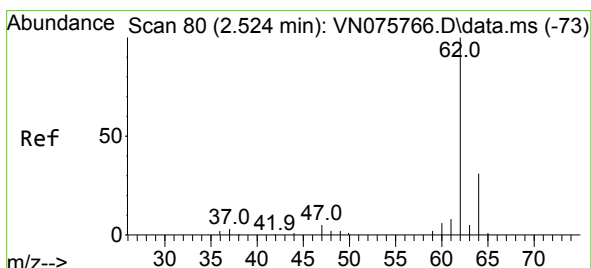
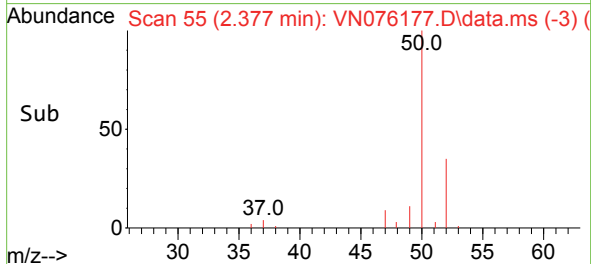
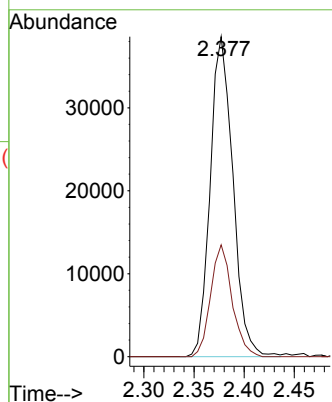
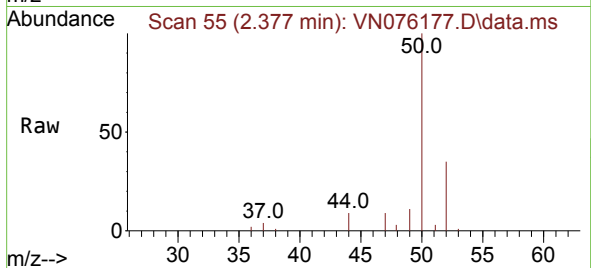




#3
Chloromethane
Concen: 21.179 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

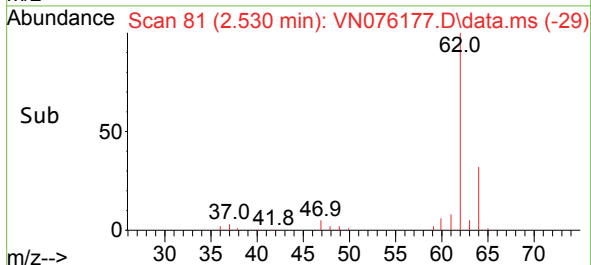
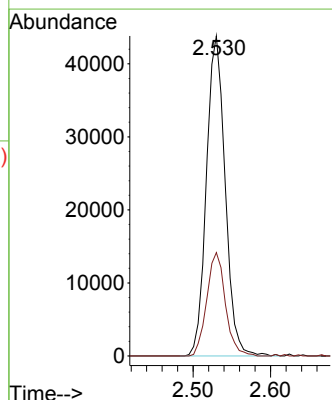
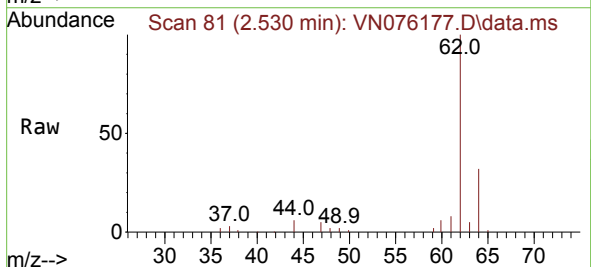
Instrument :
MSVOA_N
ClientSampleId :

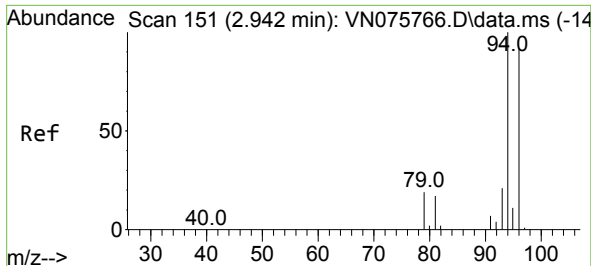
Tgt Ion: 50 Resp: 60922
Ion Ratio Lower Upper
50 100
52 34.9 27.7 41.5



#4
Vinyl Chloride
Concen: 21.450 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

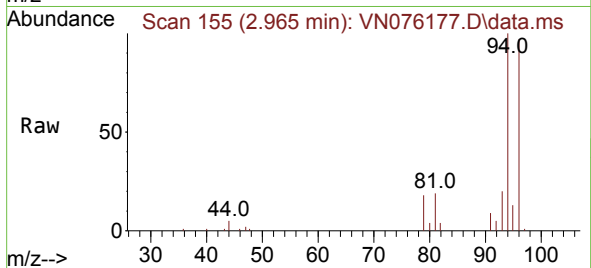
Tgt Ion: 62 Resp: 73599
Ion Ratio Lower Upper
62 100
64 32.3 24.9 37.3



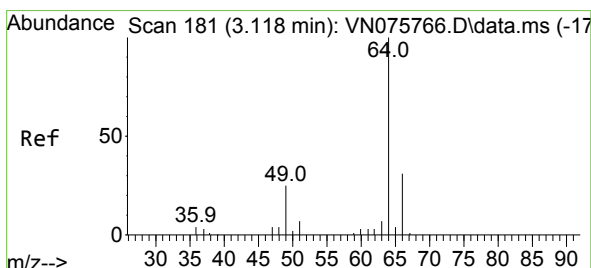
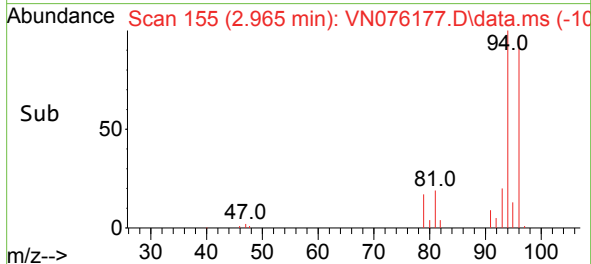
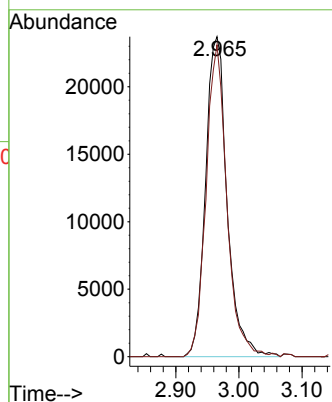


#5
Bromomethane
Concen: 19.283 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Instrument :
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ClientSampleId :

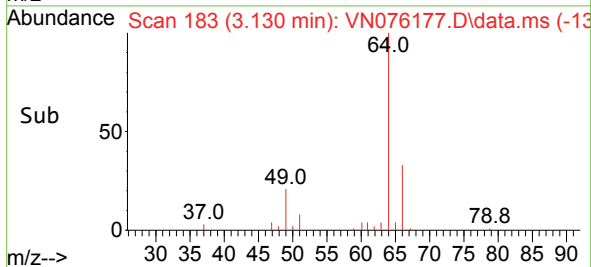
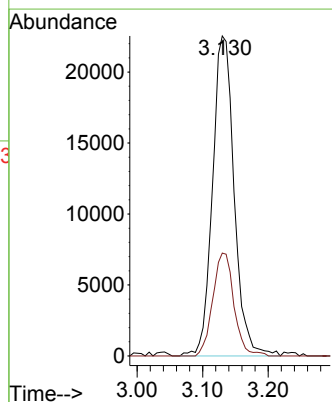
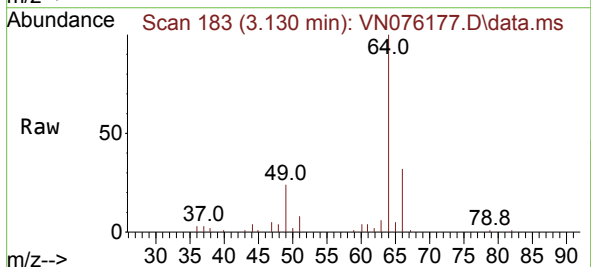


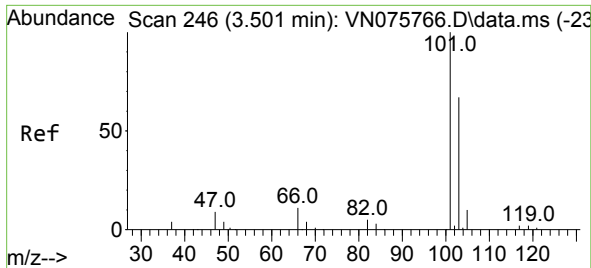
Tgt Ion: 94 Resp: 56230
Ion Ratio Lower Upper
94 100
96 97.4 73.8 110.6



#6
Chloroethane
Concen: 20.311 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 64 Resp: 51609
Ion Ratio Lower Upper
64 100
66 32.2 24.6 36.8

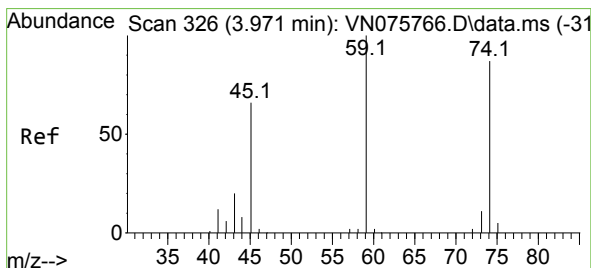
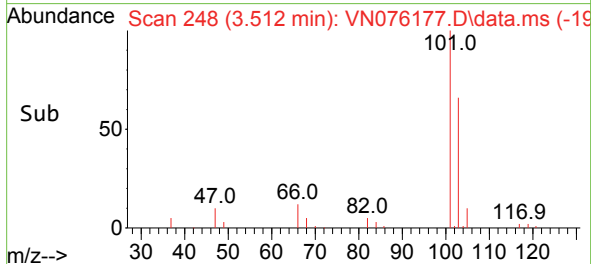
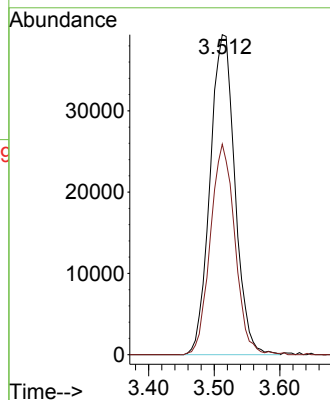
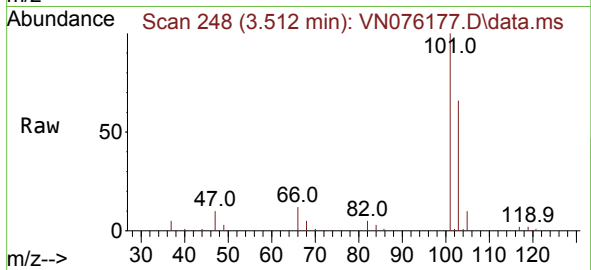




#7
Trichlorofluoromethane
Concen: 19.910 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

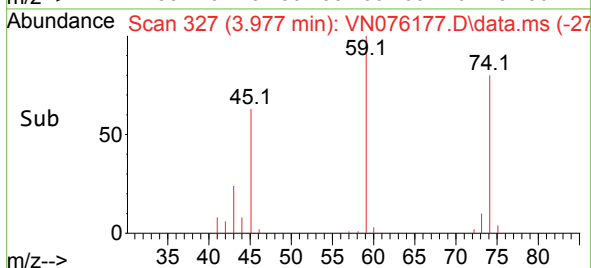
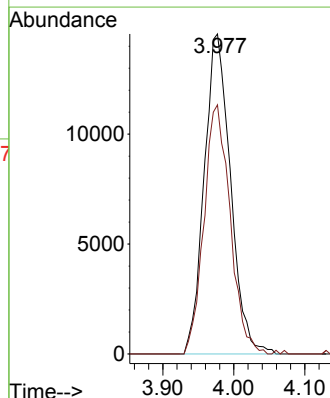
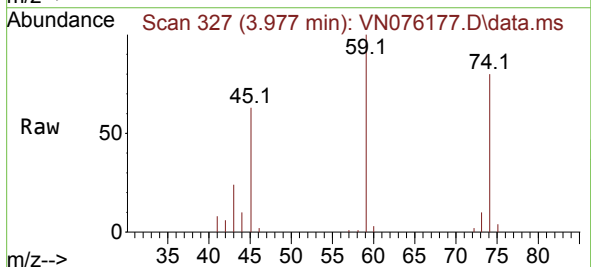
Instrument :
MSVOA_N
ClientSampleId :

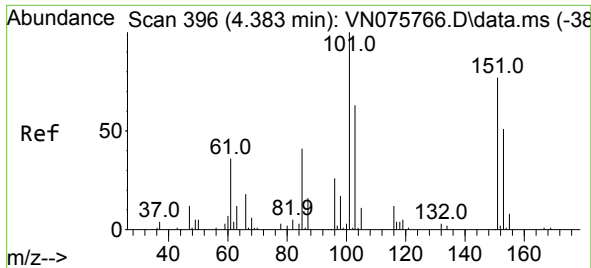
Tgt Ion:101 Resp: 103662
Ion Ratio Lower Upper
101 100
103 65.8 53.4 80.2



#8
Diethyl Ether
Concen: 19.716 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 74 Resp: 37493
Ion Ratio Lower Upper
74 100
45 77.4 37.8 113.4

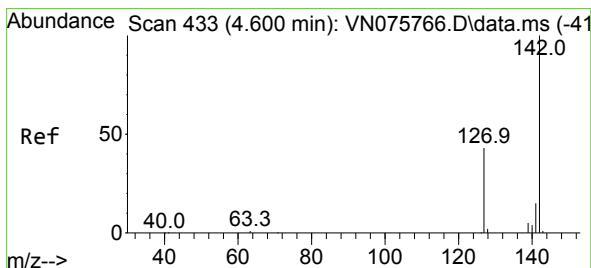
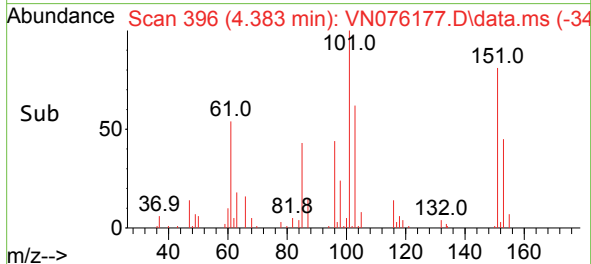
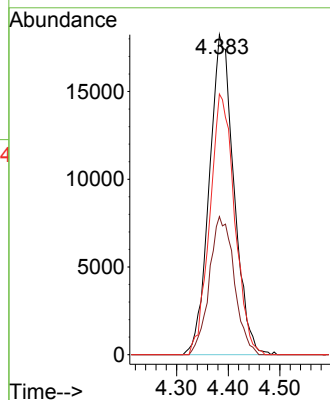
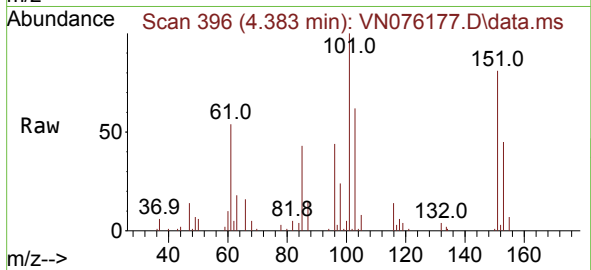




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.268 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN076177.D
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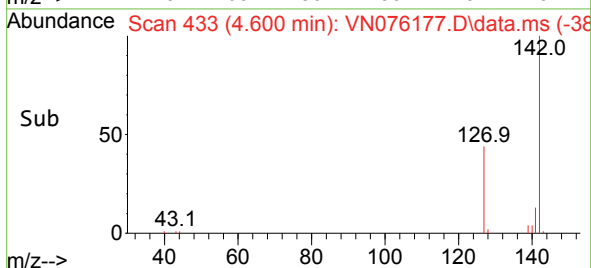
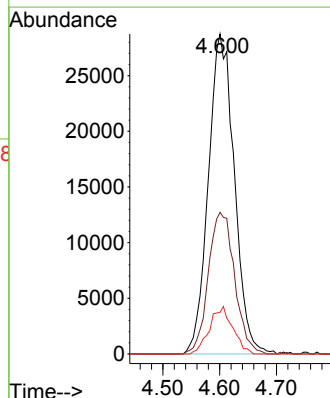
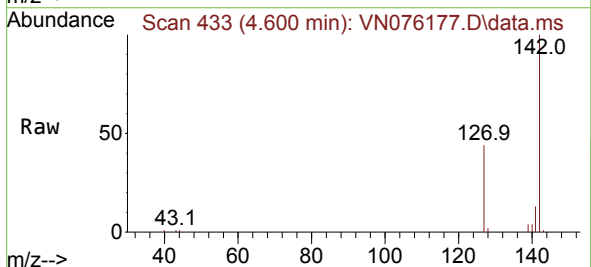
Instrument :
MSVOA_N
ClientSampleId :

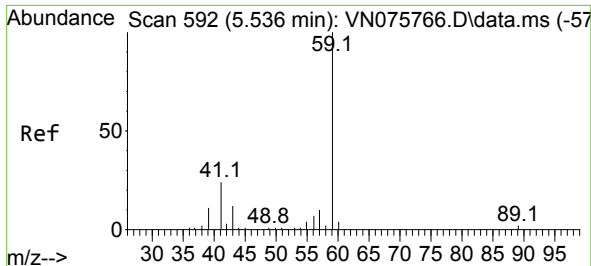
Tgt Ion:101 Resp: 60258
Ion Ratio Lower Upper
101 100
85 43.7 35.3 52.9
151 82.2 65.6 98.4



#10
Methyl Iodide
Concen: 18.880 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion:142 Resp: 91094
Ion Ratio Lower Upper
142 100
127 44.8 34.7 52.1
141 13.3 11.4 17.2

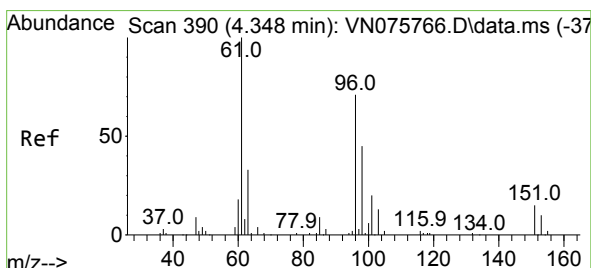
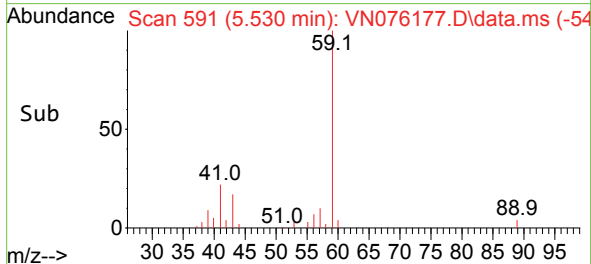
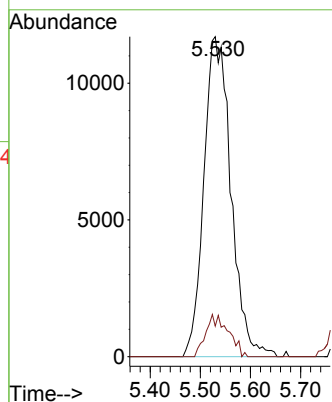
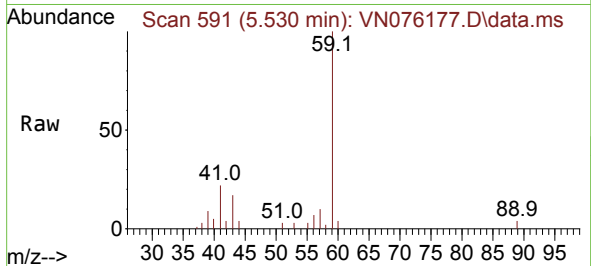




#11
Tert butyl alcohol
Concen: 87.485 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

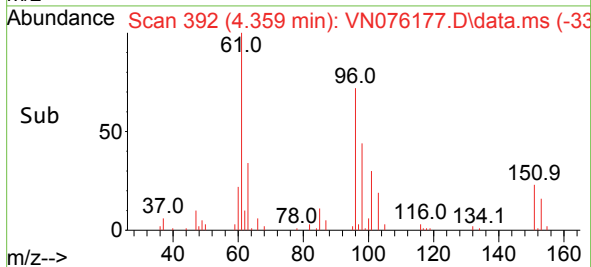
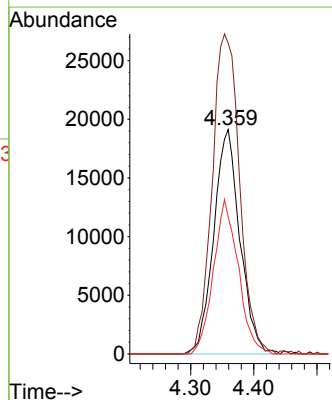
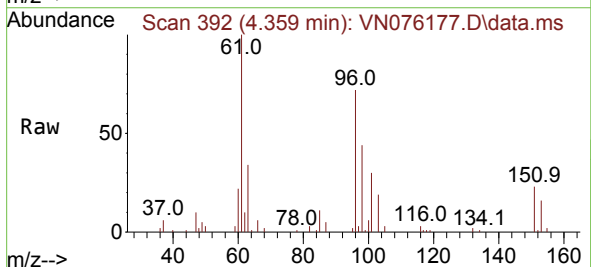
Instrument :
MSVOA_N
ClientSampleId :

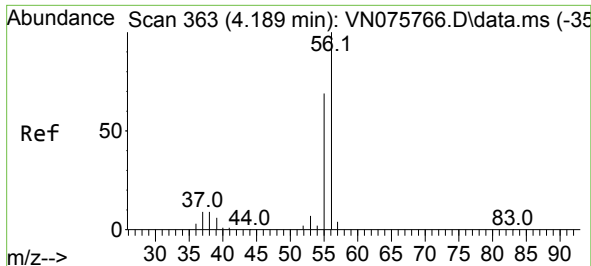
Tgt Ion: 59 Resp: 43875
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.062 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

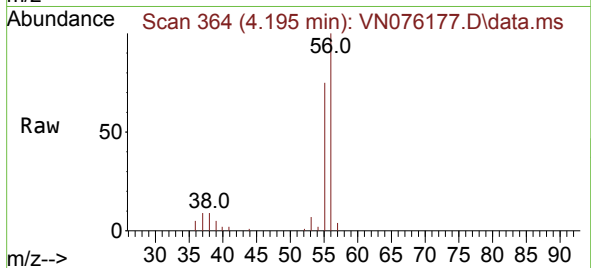
Tgt Ion: 96 Resp: 55040
Ion Ratio Lower Upper
96 100
61 138.3 113.3 169.9
98 61.0 50.9 76.3



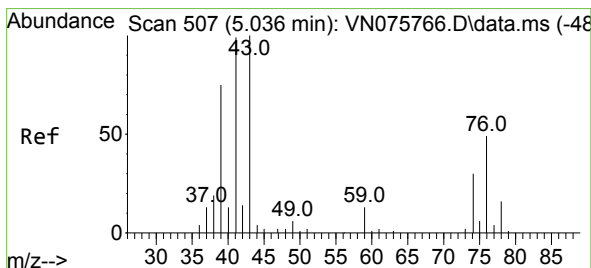
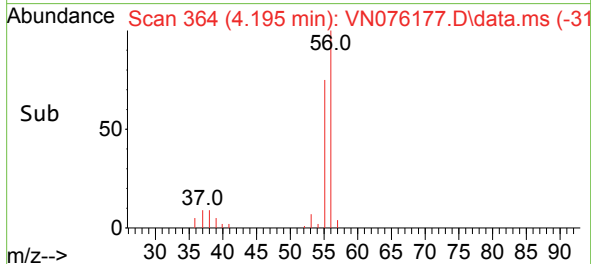
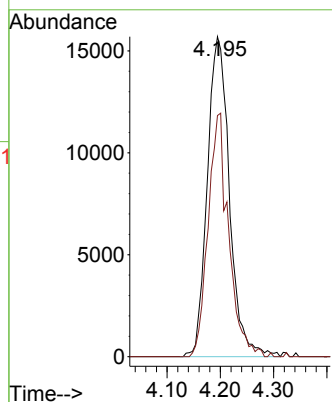


#13
Acrolein
Concen: 73.786 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :

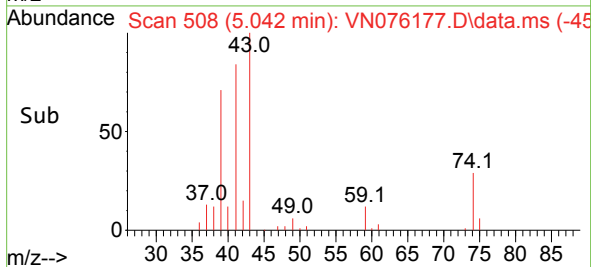
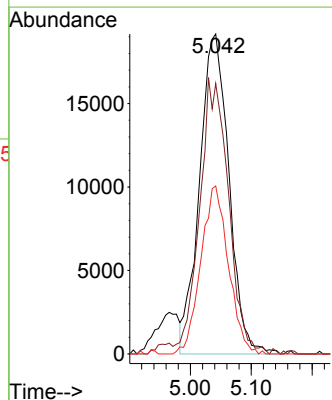
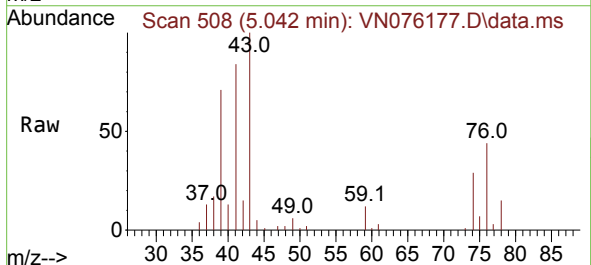


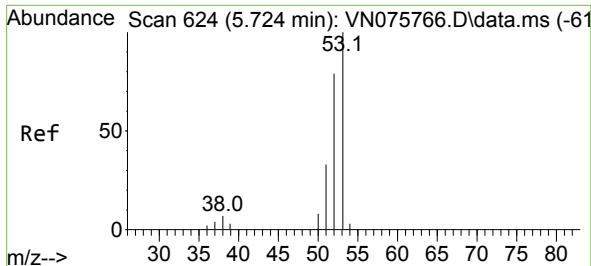
Tgt Ion: 56 Resp: 45367
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2



#14
Allyl chloride
Concen: 19.061 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 41 Resp: 64340
Ion Ratio Lower Upper
41 100
39 84.7 58.3 87.5
76 49.3 35.8 53.6

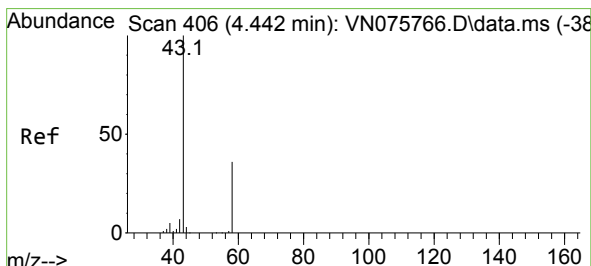
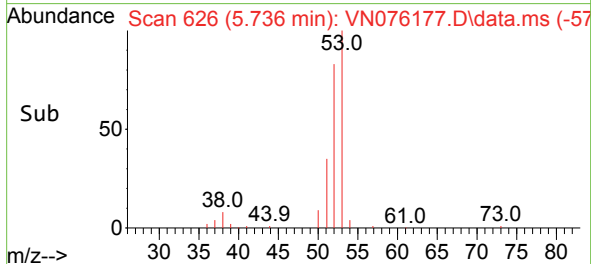
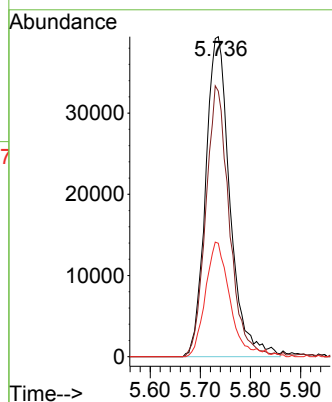
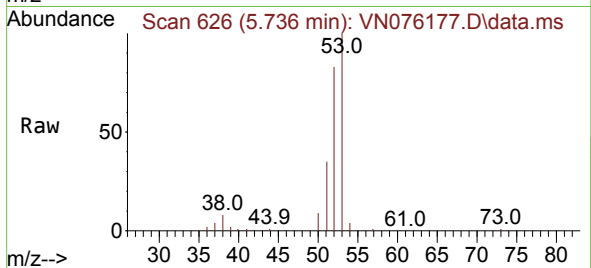




#15
Acrylonitrile
Concen: 97.217 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

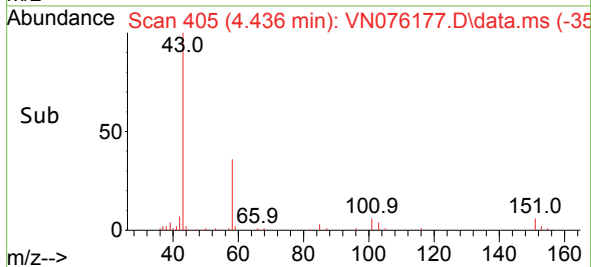
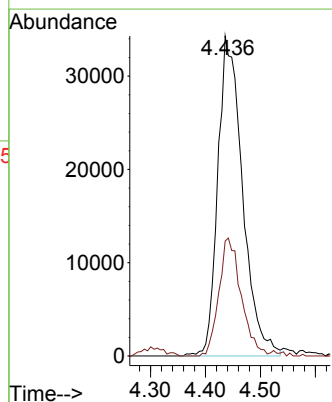
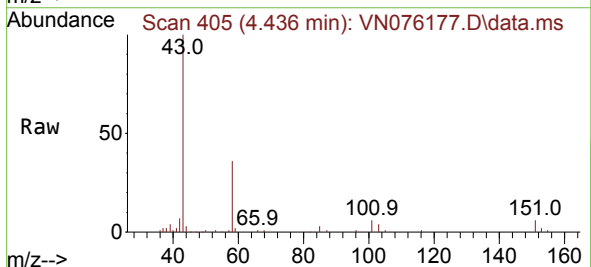
Instrument :
MSVOA_N
ClientSampleId :

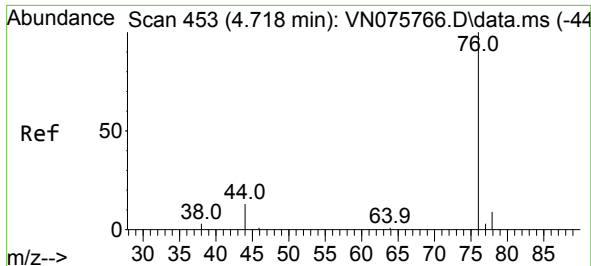
Tgt Ion: 53 Resp: 133052
Ion Ratio Lower Upper
53 100
52 81.6 65.4 98.0
51 36.2 28.9 43.3



#16
Acetone
Concen: 87.639 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 43 Resp: 107077
Ion Ratio Lower Upper
43 100
58 35.9 28.6 43.0

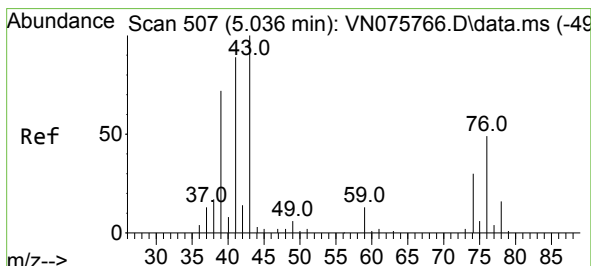
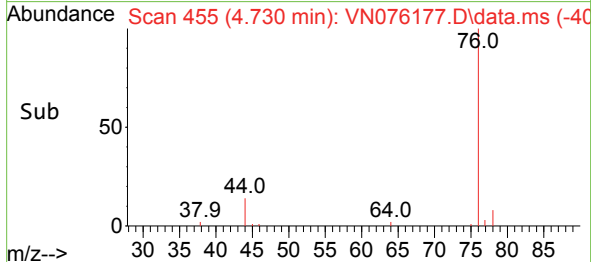
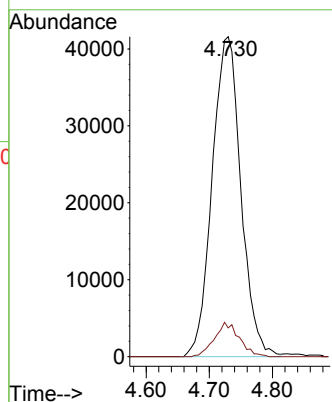
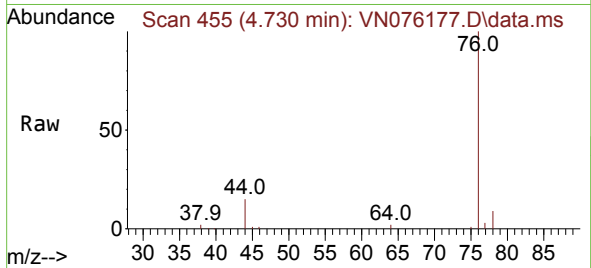




#17
Carbon Disulfide
Concen: 18.778 ug/l
RT: 4.730 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

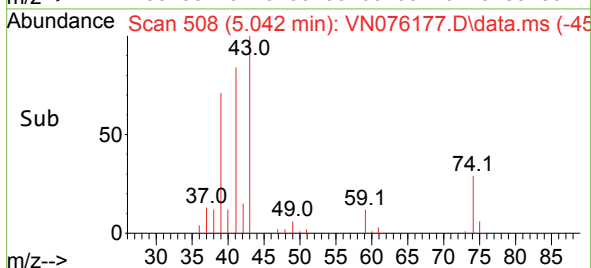
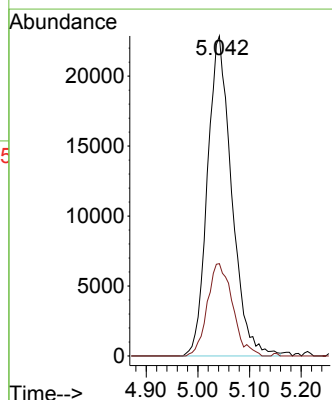
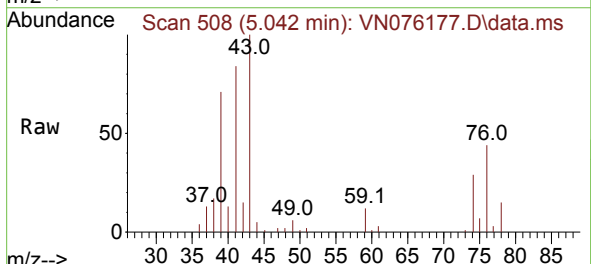
Instrument :
MSVOA_N
ClientSampleId :

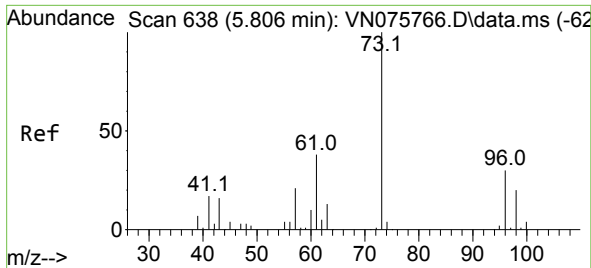
Tgt Ion: 76 Resp: 131279
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 20.637 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 43 Resp: 74531
Ion Ratio Lower Upper
43 100
74 30.0 23.6 35.4

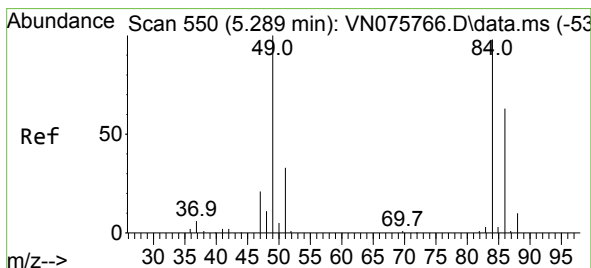
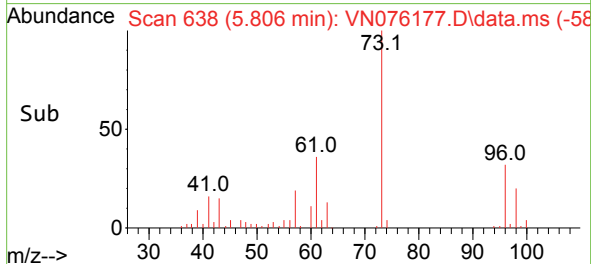
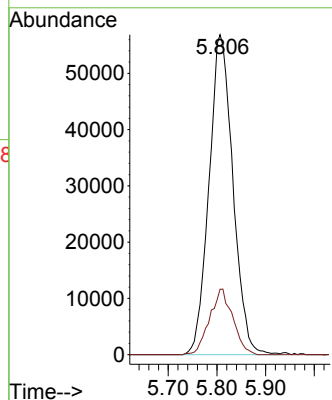
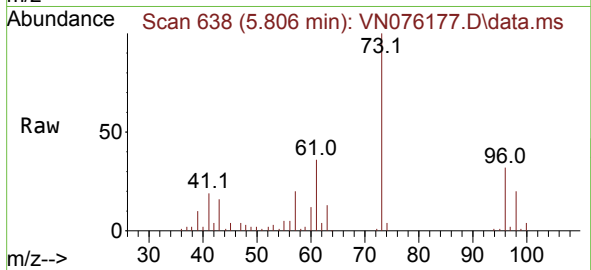




#19
Methyl tert-butyl Ether
Concen: 20.364 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

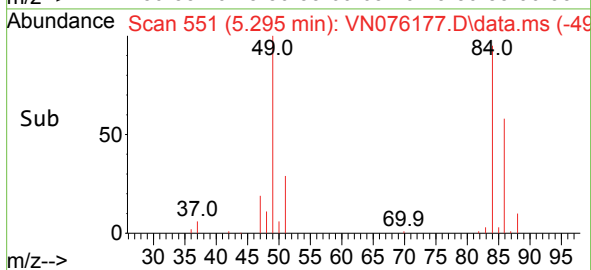
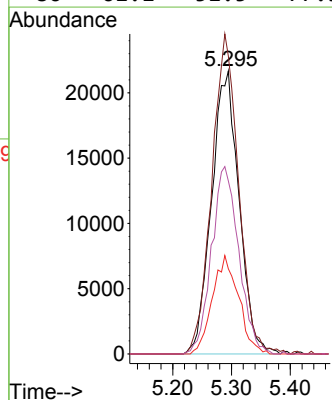
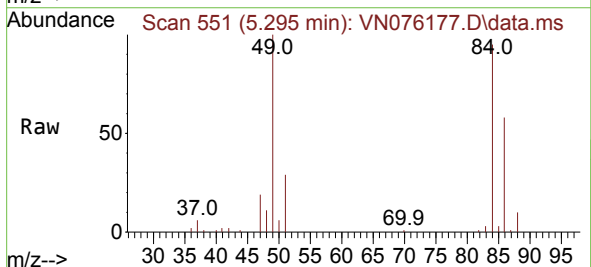
Instrument :
MSVOA_N
ClientSampleId :

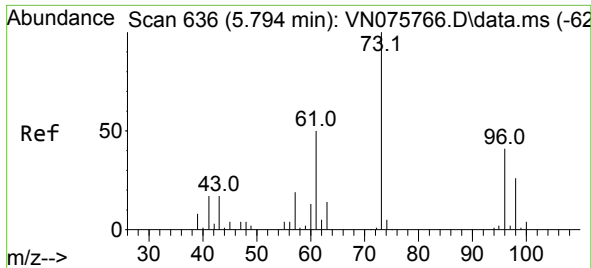
Tgt Ion: 73 Resp: 193630
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7



#20
Methylene Chloride
Concen: 21.197 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 84 Resp: 70487
Ion Ratio Lower Upper
84 100
49 105.2 81.8 122.6
51 30.1 26.7 40.1
86 61.1 51.5 77.3

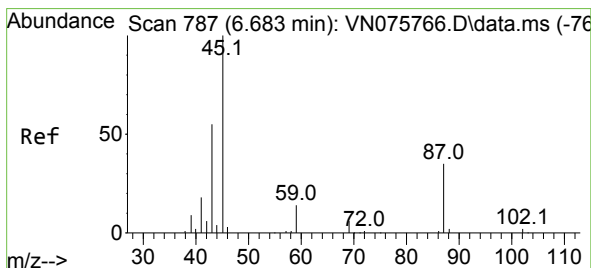
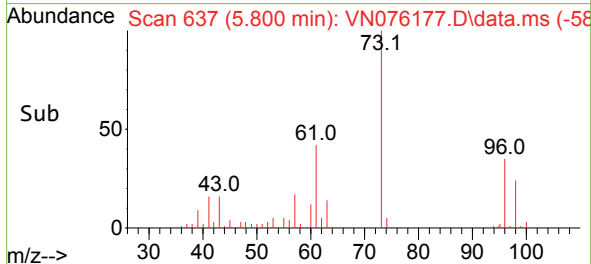
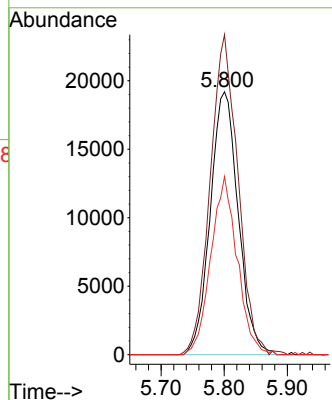
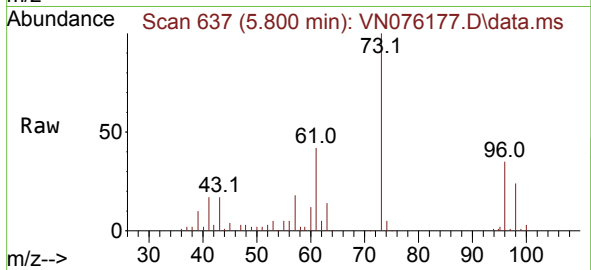




#21
trans-1,2-Dichloroethene
Concen: 18.679 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

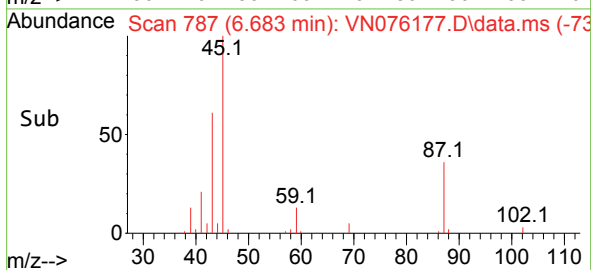
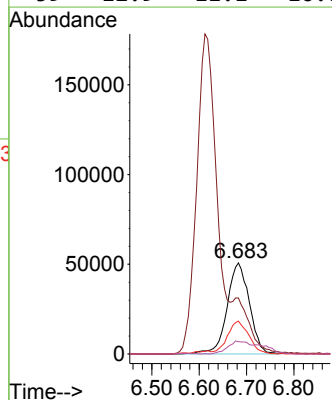
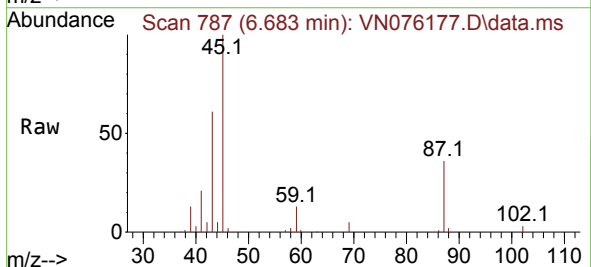
Instrument :
MSVOA_N
ClientSampleId :

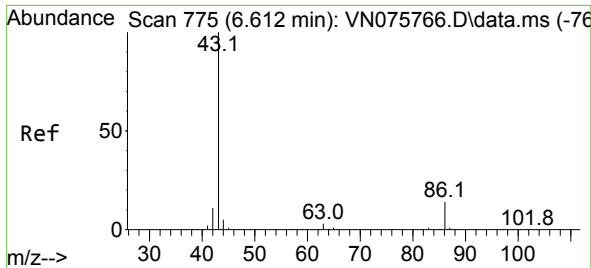
Tgt Ion: 96 Resp: 59068
Ion Ratio Lower Upper
96 100
61 121.8 98.1 147.1
98 67.8 51.4 77.2



#22
Diisopropyl ether
Concen: 20.184 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 45 Resp: 165501
Ion Ratio Lower Upper
45 100
43 59.7 44.2 66.4
87 35.7 28.3 42.5
59 12.9 11.1 16.7

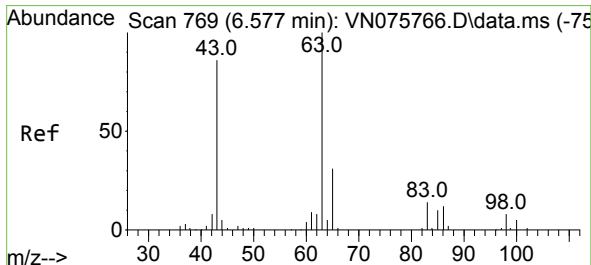
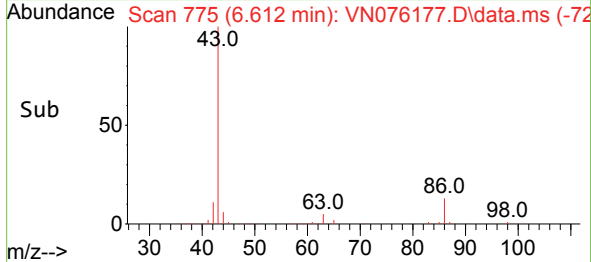
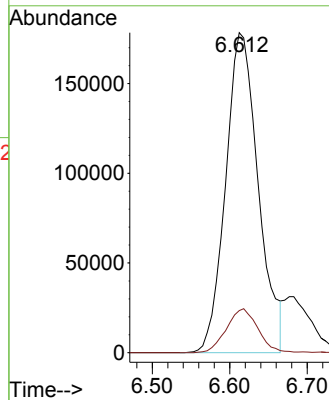
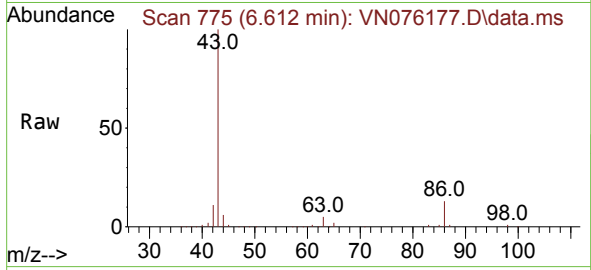




#23
 Vinyl Acetate
 Concen: 94.792 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076177.D
 Acq: 10 Jan 2023 12:31

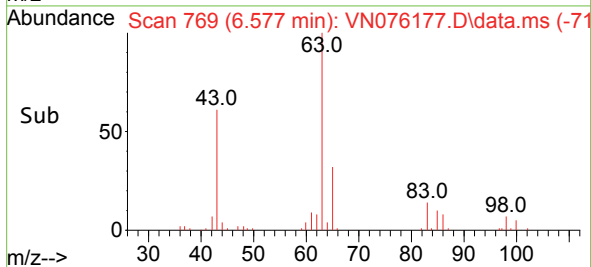
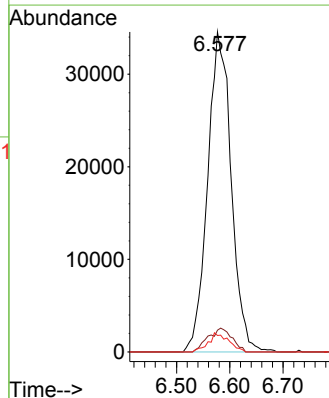
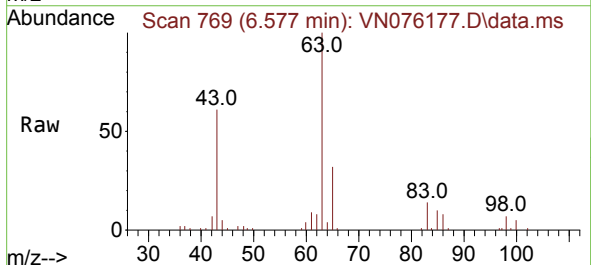
Instrument :
 MSVOA_N
 ClientSampleId :

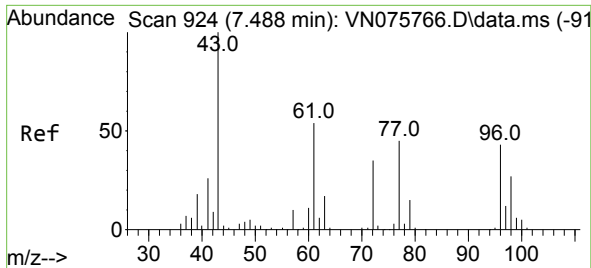
Tgt Ion: 43 Resp: 523162
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 19.415 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN076177.D
 Acq: 10 Jan 2023 12:31

Tgt Ion: 63 Resp: 106170
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.5
 100 5.1 2.5 7.6

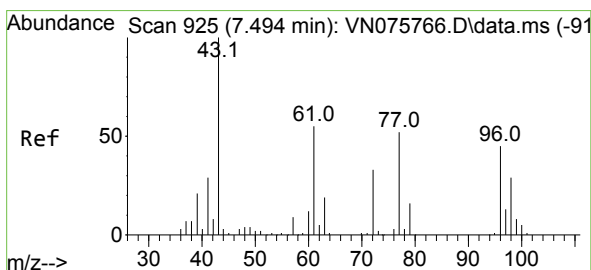
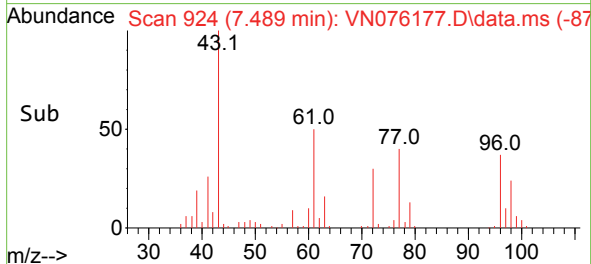
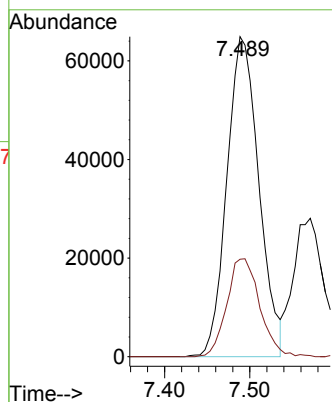
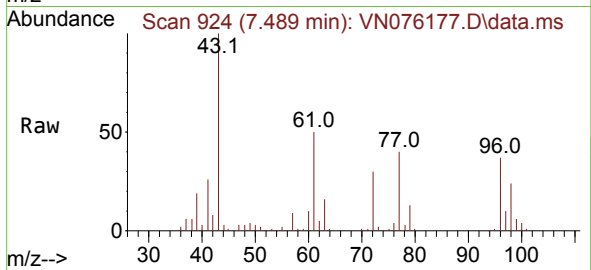




#25
2-Butanone
Concen: 99.159 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

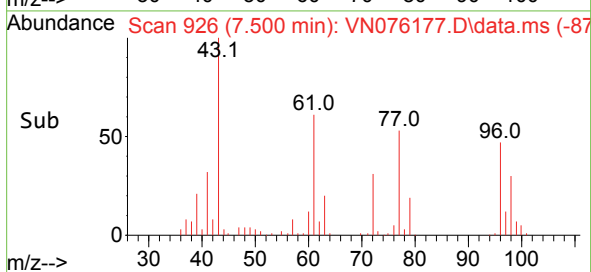
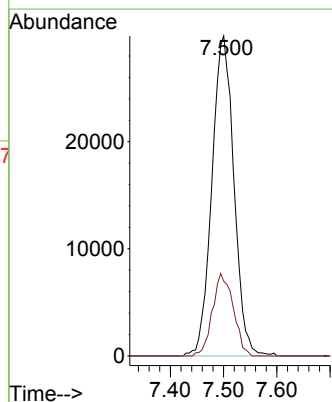
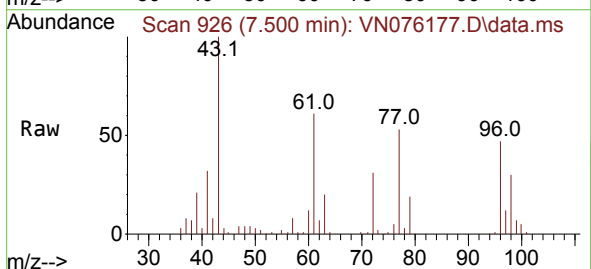
Instrument :
MSVOA_N
ClientSampleId :

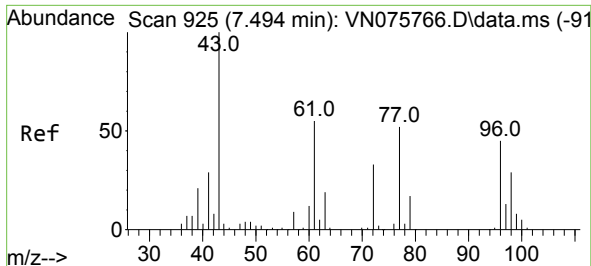
Tgt Ion: 43 Resp: 169634
Ion Ratio Lower Upper
43 100
72 30.5 28.0 42.0



#26
2,2-Dichloropropane
Concen: 18.532 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 77 Resp: 85821
Ion Ratio Lower Upper
77 100
97 24.3 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 18.795 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

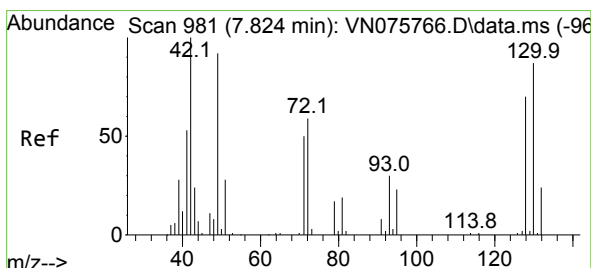
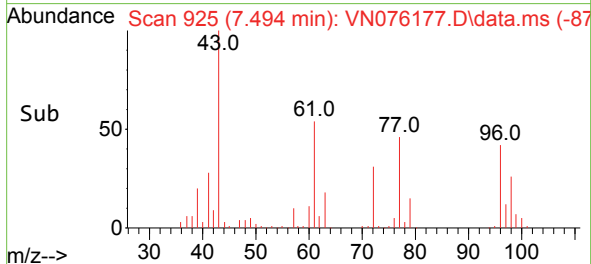
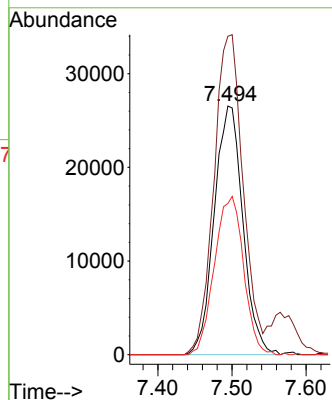
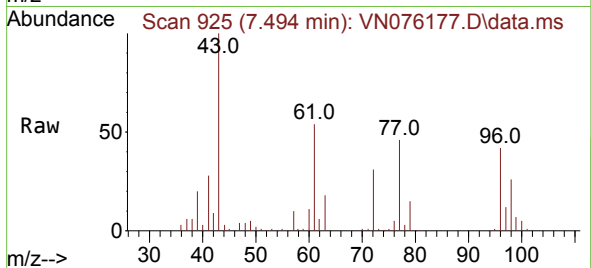
Tgt Ion: 96 Resp: 71082

Ion Ratio Lower Upper

96 100

61 131.1 0.0 247.8

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 17.038 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

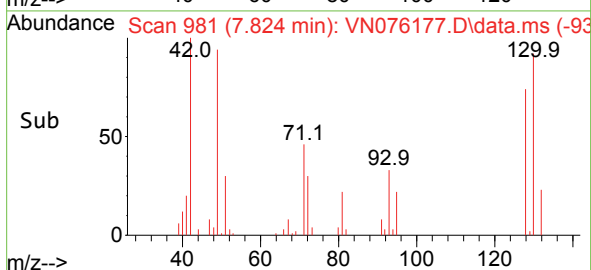
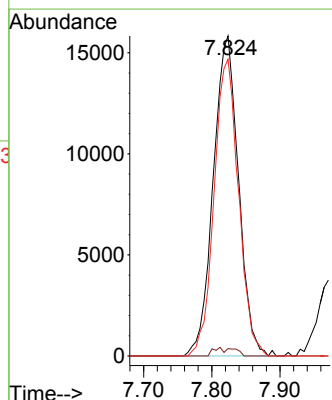
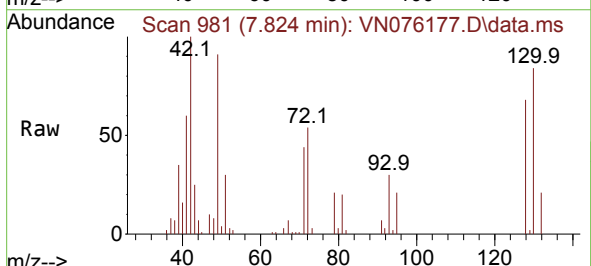
Tgt Ion: 49 Resp: 40839

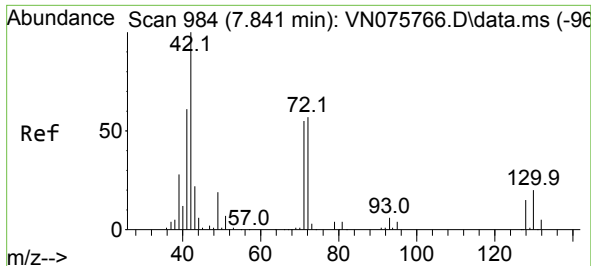
Ion Ratio Lower Upper

49 100

129 1.1 0.0 5.0

130 89.8 77.0 115.4





#29

Tetrahydrofuran

Concen: 103.830 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

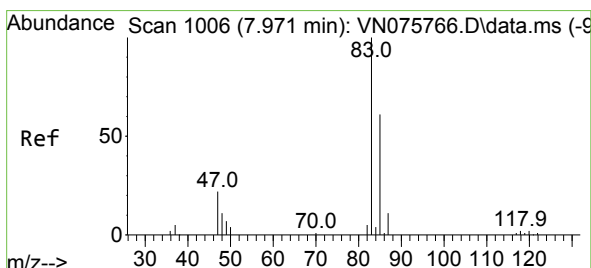
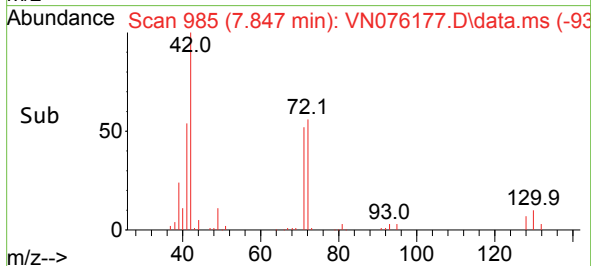
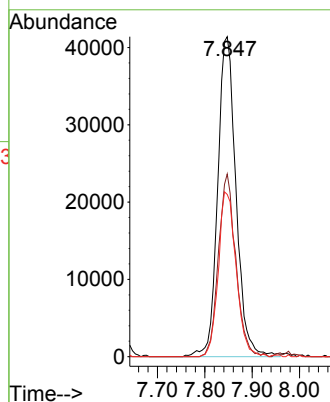
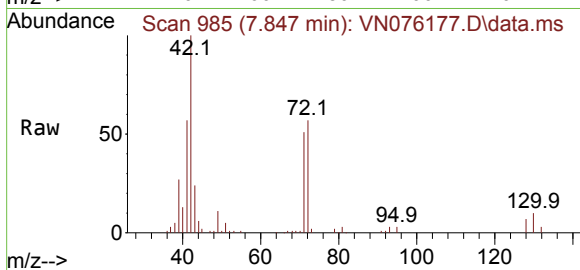
Tgt Ion: 42 Resp: 111313

Ion Ratio Lower Upper

42 100

72 54.0 44.5 66.7

71 50.1 41.0 61.6



#30

Chloroform

Concen: 18.974 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN076177.D

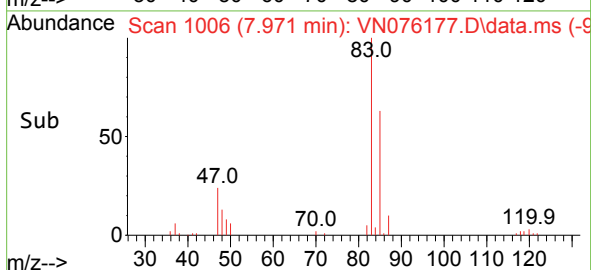
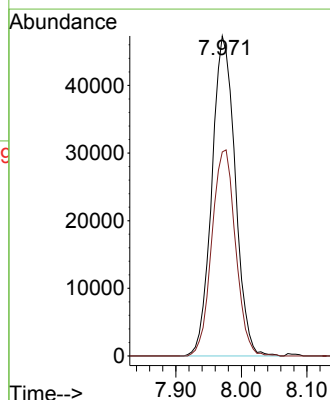
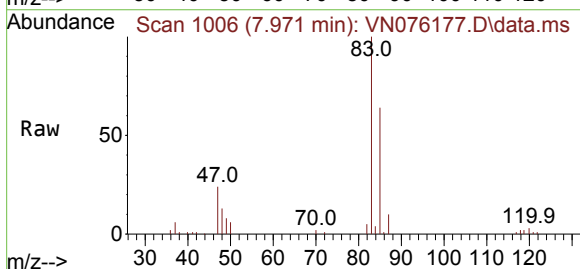
Acq: 10 Jan 2023 12:31

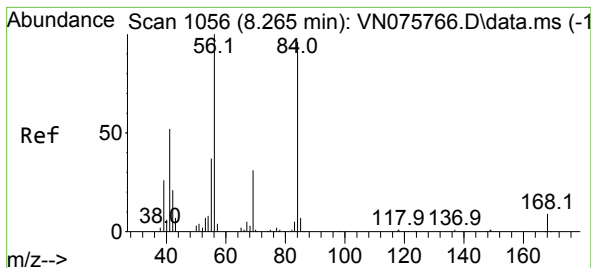
Tgt Ion: 83 Resp: 116827

Ion Ratio Lower Upper

83 100

85 63.8 49.1 73.7





#31

Cyclohexane

Concen: 18.603 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

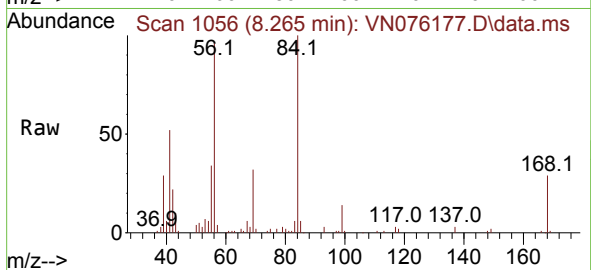
Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :



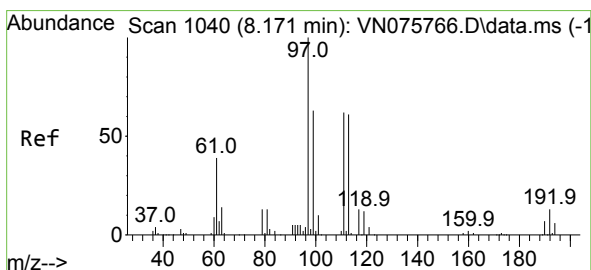
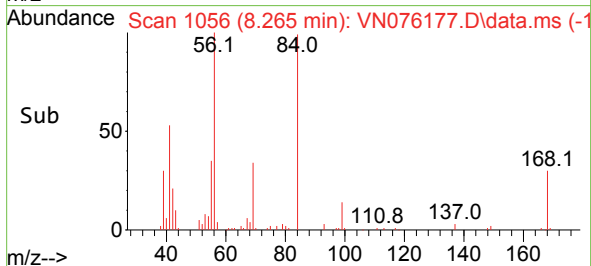
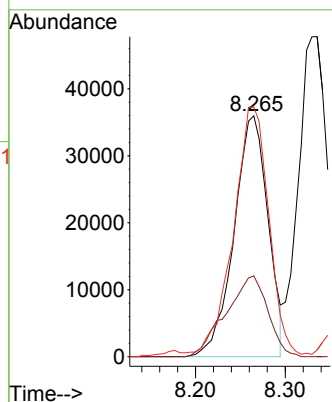
Tgt Ion: 56 Resp: 94429

Ion Ratio Lower Upper

56 100

69 33.6 24.7 37.1

84 102.1 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 19.676 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

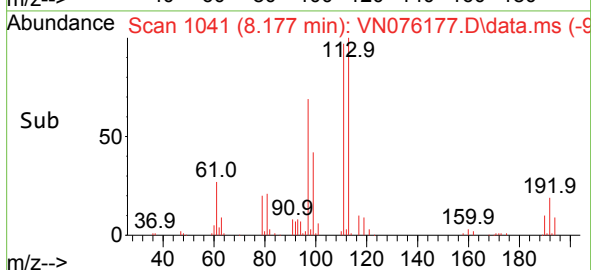
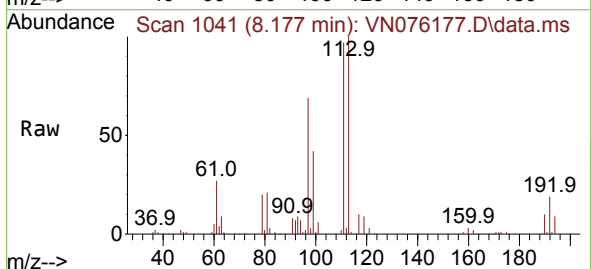
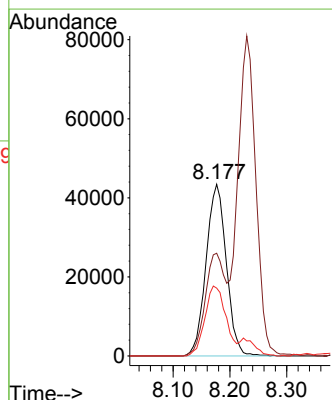
Tgt Ion: 97 Resp: 107402

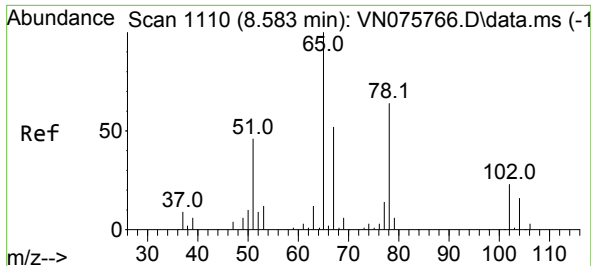
Ion Ratio Lower Upper

97 100

99 58.3 50.2 75.2

61 42.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.736 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

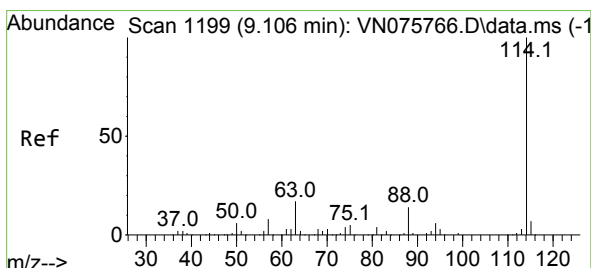
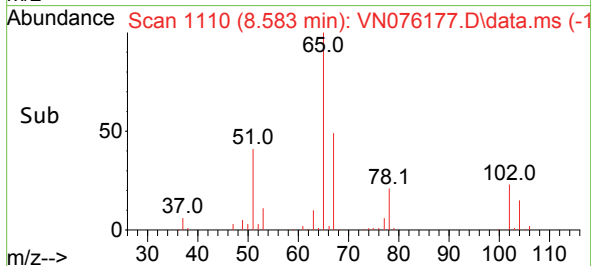
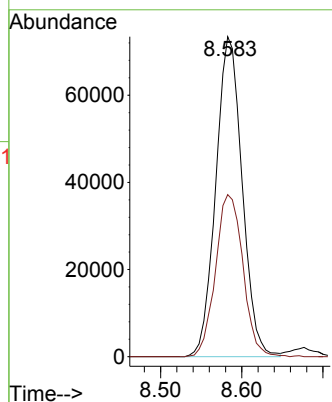
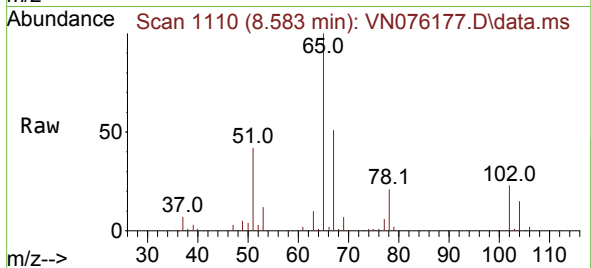
ClientSampleId :

Tgt Ion: 65 Resp: 165647

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

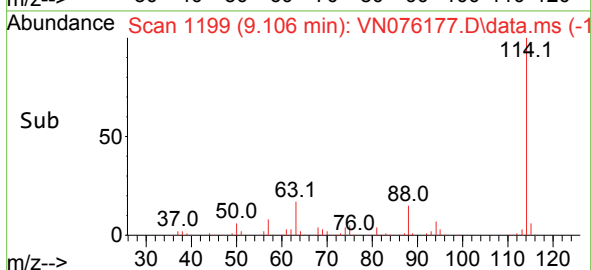
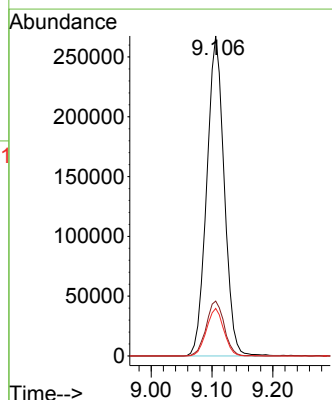
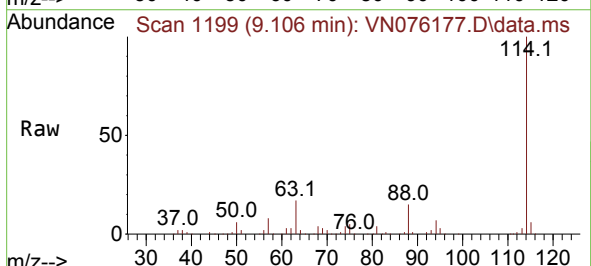
Tgt Ion: 114 Resp: 532594

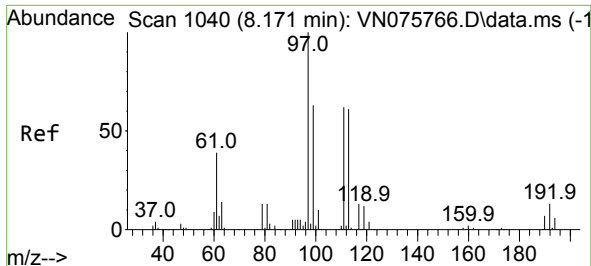
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

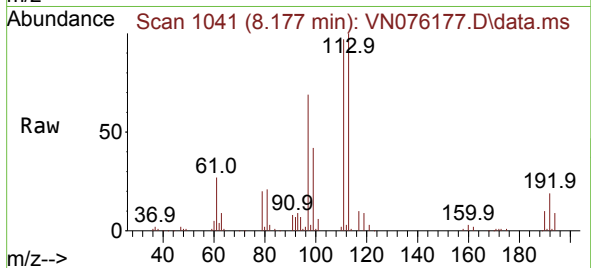
88 14.8 0.0 28.8



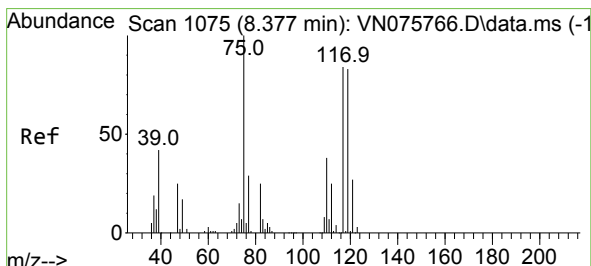
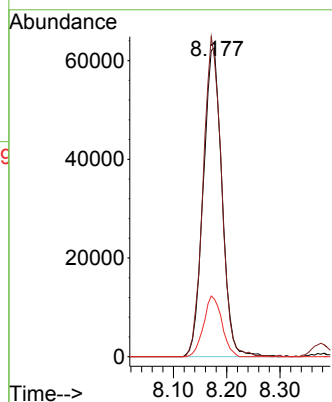
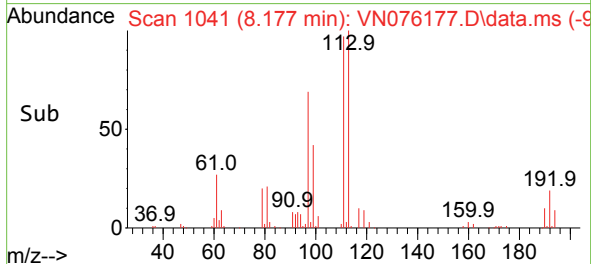


#35
Dibromofluoromethane
Concen: 46.324 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :

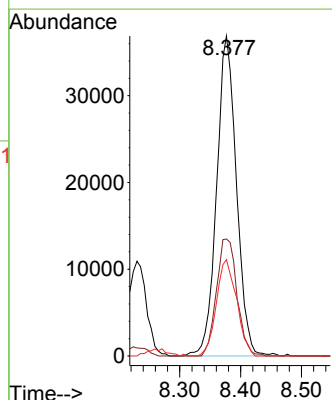
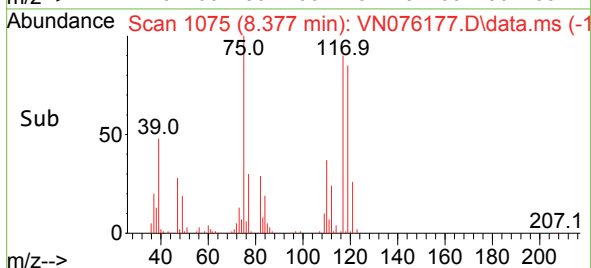
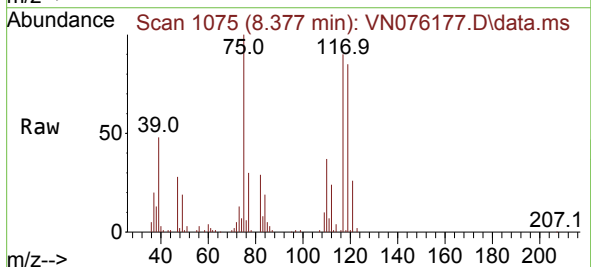


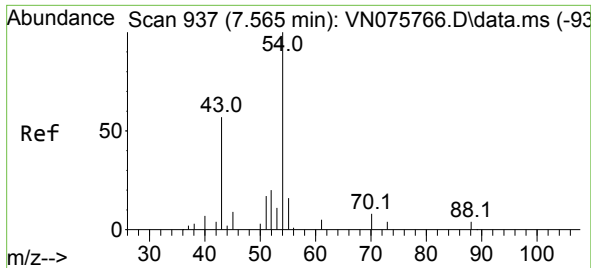
Tgt Ion:113 Resp: 152789
Ion Ratio Lower Upper
113 100
111 101.4 83.4 125.2
192 19.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 19.028 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 75 Resp: 83368
Ion Ratio Lower Upper
75 100
110 37.9 18.8 56.4
77 30.8 24.1 36.1

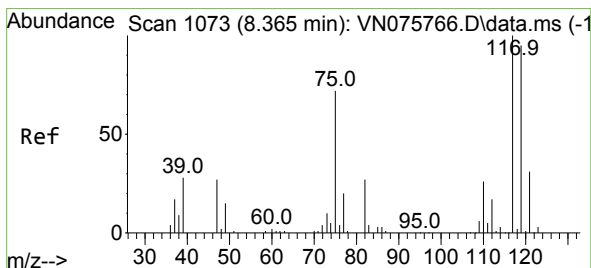
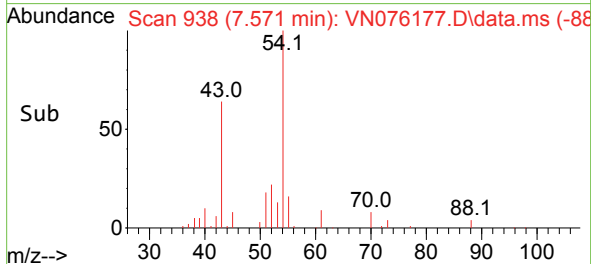
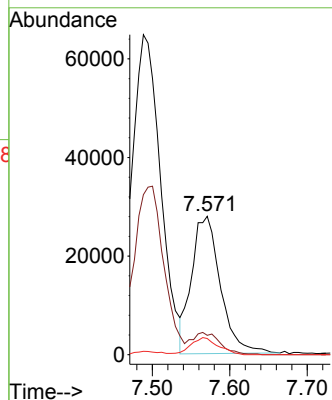
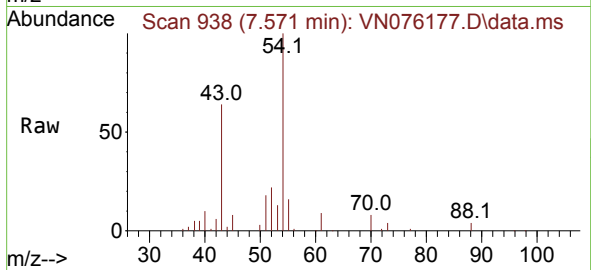




#37
Ethyl Acetate
Concen: 20.471 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

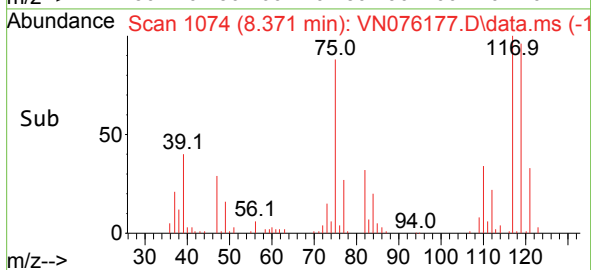
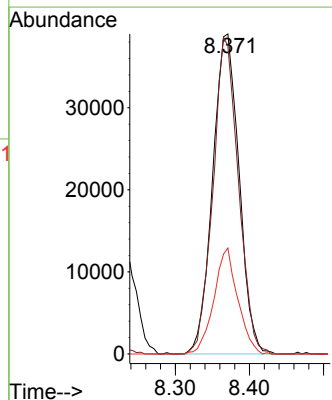
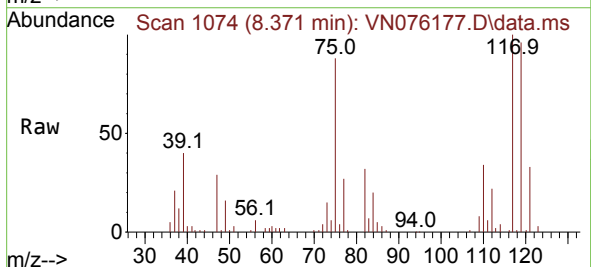
Instrument :
MSVOA_N
ClientSampleId :

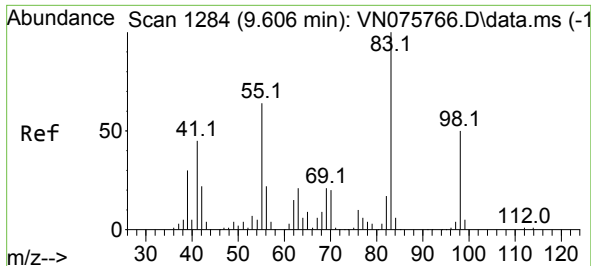
Tgt Ion: 43 Resp: 72046
Ion Ratio Lower Upper
43 100
61 14.4 13.0 19.4
70 11.8 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.621 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 117 Resp: 96216
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1
121 33.1 24.5 36.7

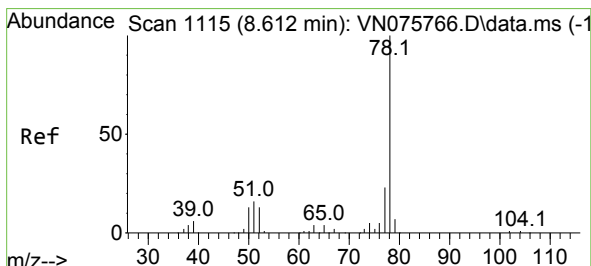
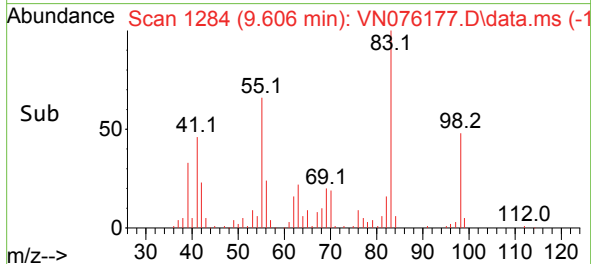
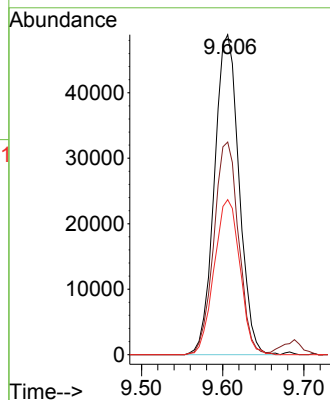
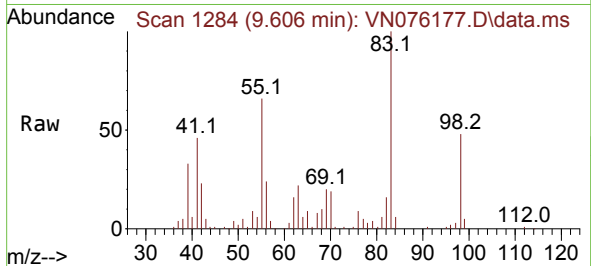




#39
Methylcyclohexane
Concen: 19.512 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

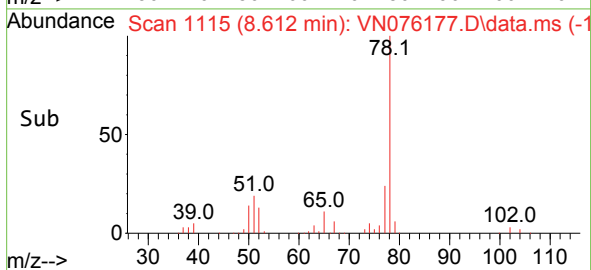
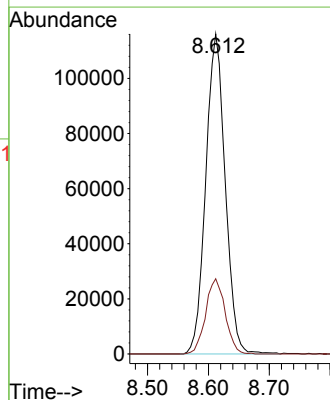
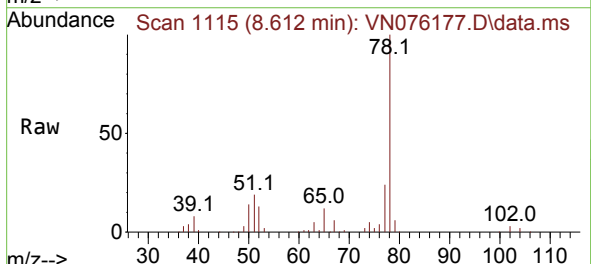
Instrument :
MSVOA_N
ClientSampleId :

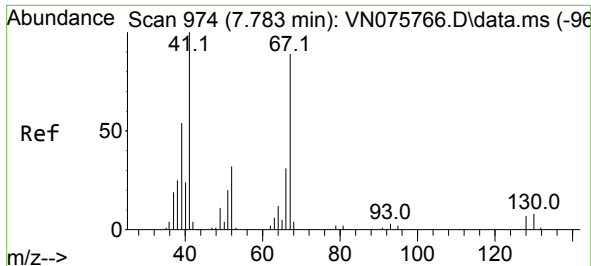
Tgt Ion: 83 Resp: 103137
Ion Ratio Lower Upper
83 100
55 66.4 51.4 77.0
98 48.5 39.8 59.8



#40
Benzene
Concen: 19.050 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

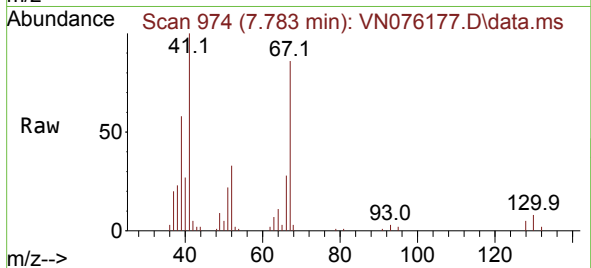
Tgt Ion: 78 Resp: 257519
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



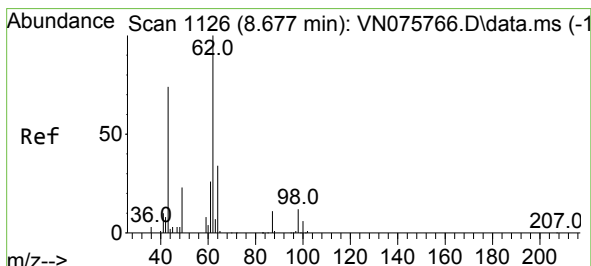
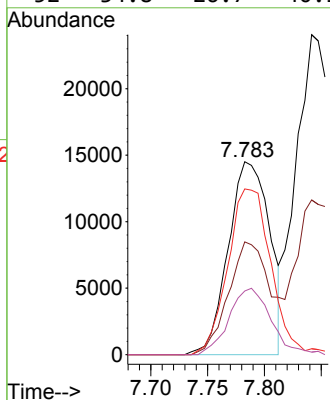
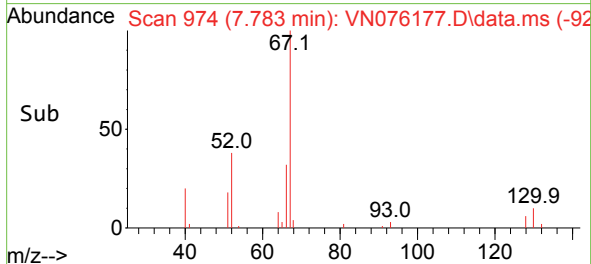


#41
Methacrylonitrile
Concen: 20.132 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

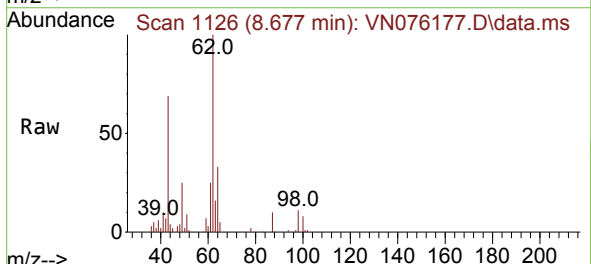
Instrument :
MSVOA_N
ClientSampleId :



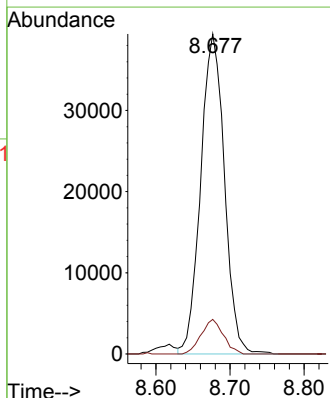
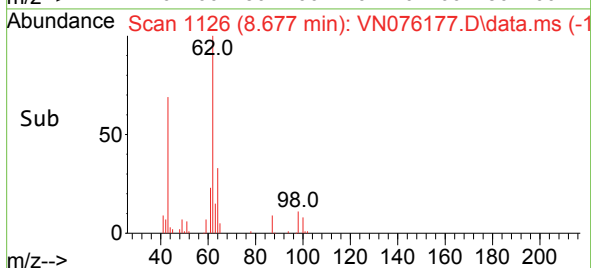
Tgt Ion:	41	Resp:	36829
Ion	Ratio	Lower	Upper
41	100		
39	61.2	43.1	64.7
67	90.0	70.7	106.1
52	34.8	26.7	40.1

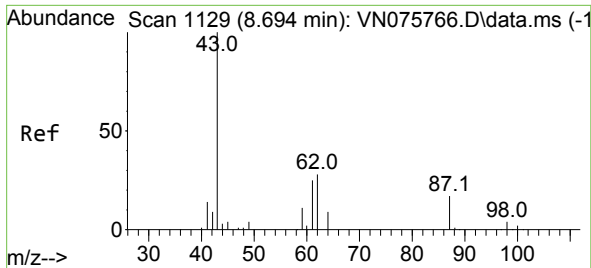


#42
1,2-Dichloroethane
Concen: 19.490 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31



Tgt Ion:	62	Resp:	87593
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8

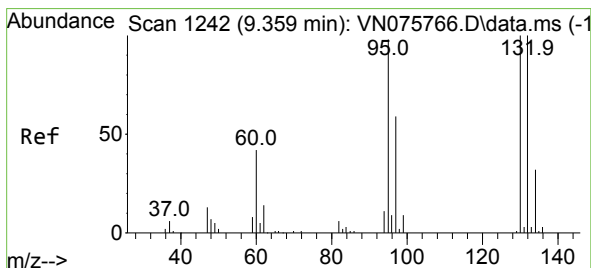
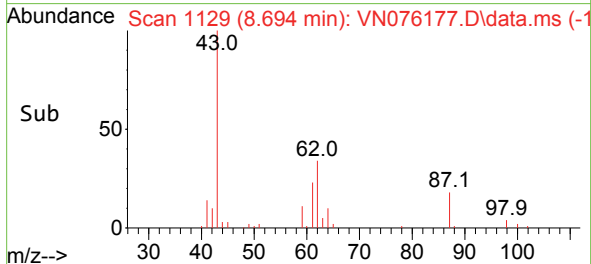
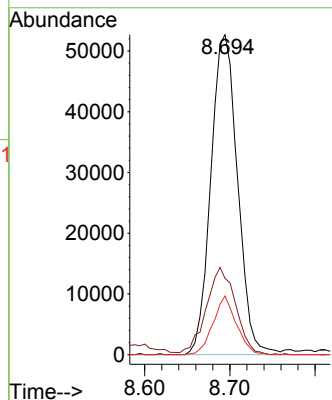
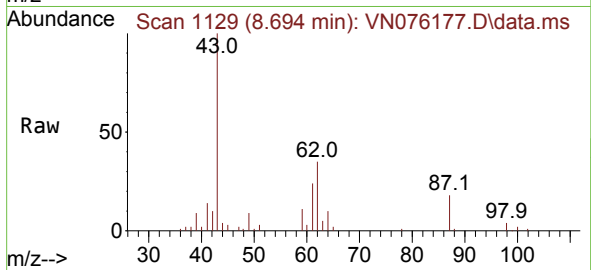




#43
Isopropyl Acetate
Concen: 19.796 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

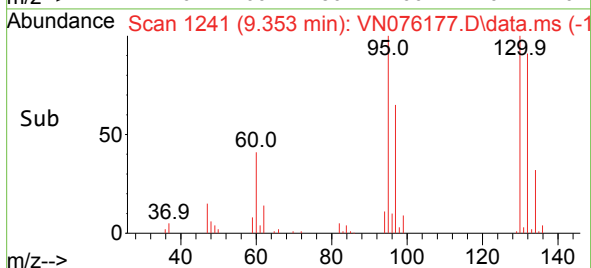
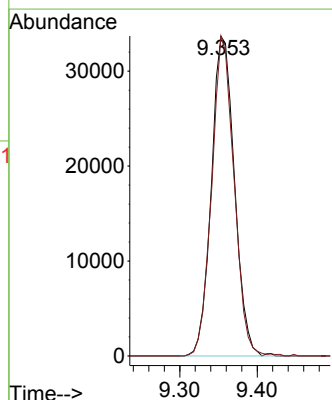
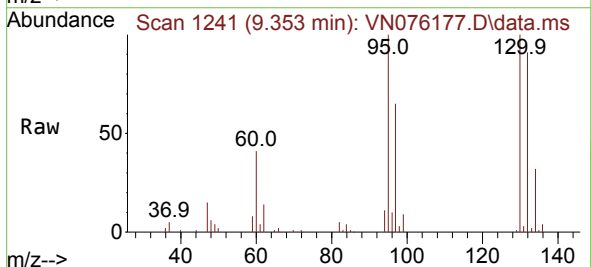
Instrument :
MSVOA_N
ClientSampleId :

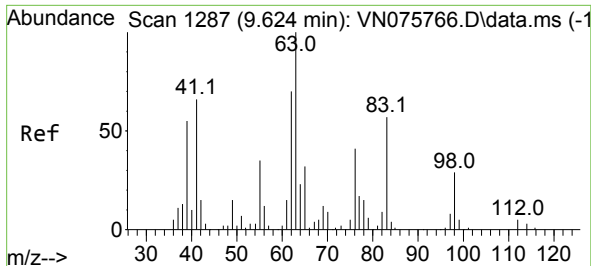
Tgt Ion: 43 Resp: 114922
Ion Ratio Lower Upper
43 100
61 30.0 24.2 36.4
87 16.0 13.3 19.9



#44
Trichloroethene
Concen: 18.333 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion:130 Resp: 69820
Ion Ratio Lower Upper
130 100
95 100.2 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.896 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

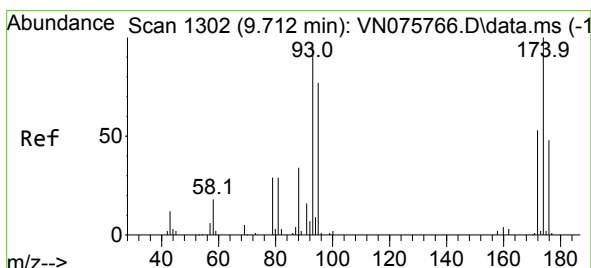
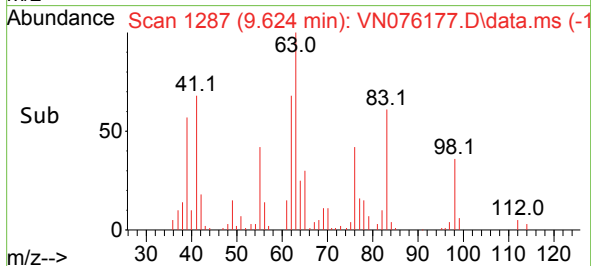
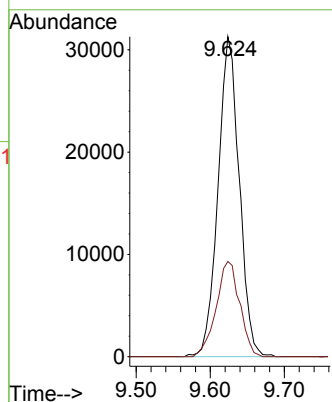
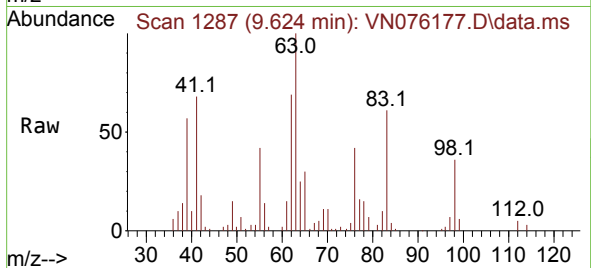
ClientSampleId :

Tgt Ion: 63 Resp: 62159

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 18.645 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

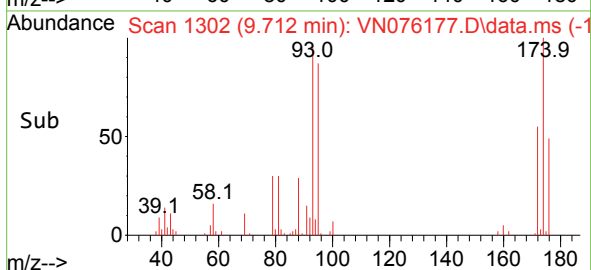
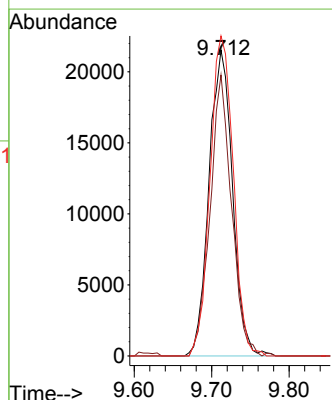
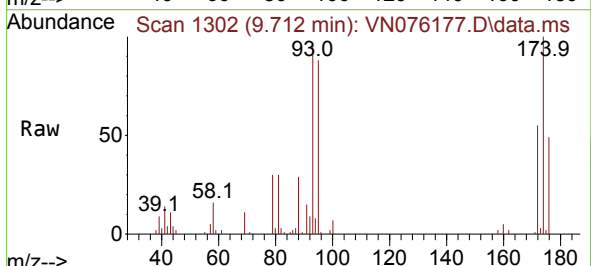
Tgt Ion: 93 Resp: 45493

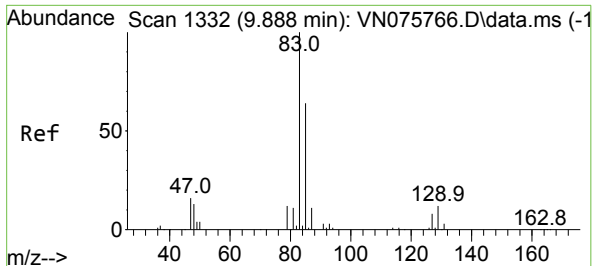
Ion Ratio Lower Upper

93 100

95 83.8 65.2 97.8

174 103.6 82.4 123.6





#47

Bromodichloromethane

Concen: 19.042 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076177.D

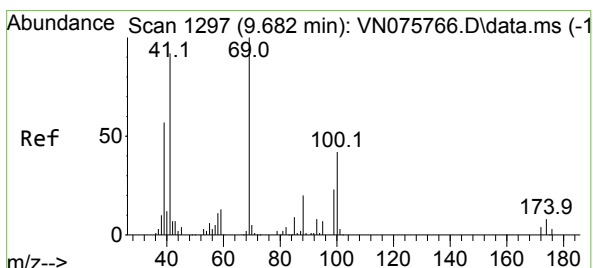
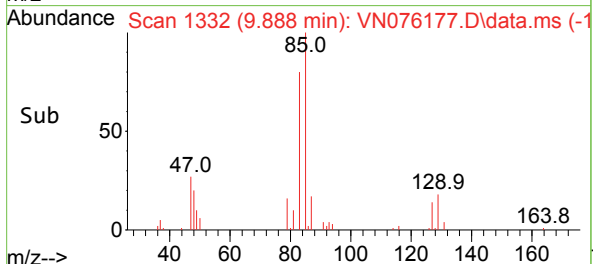
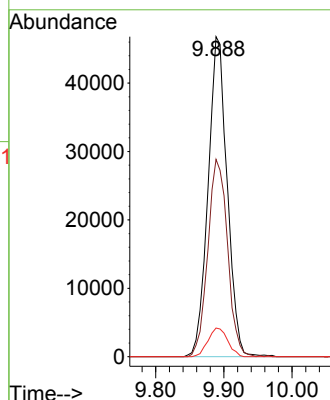
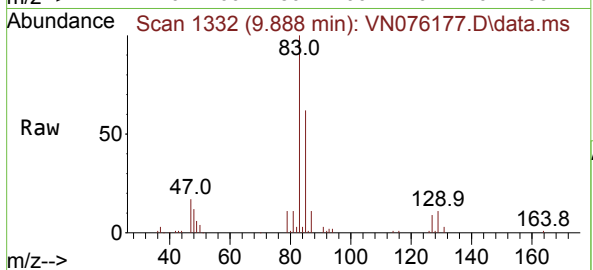
Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp:	91110
Ion Ratio	Lower	Upper
83	100	
85	61.7	51.5 77.3
127	8.9	6.6 10.0



#48

Methyl methacrylate

Concen: 20.283 ug/l

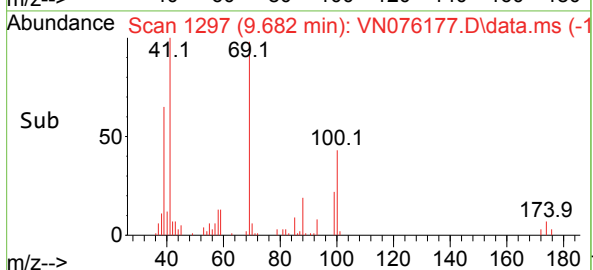
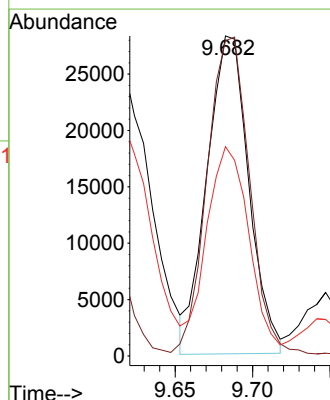
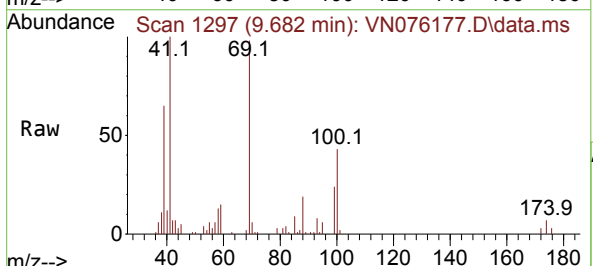
RT: 9.682 min Scan# 1297

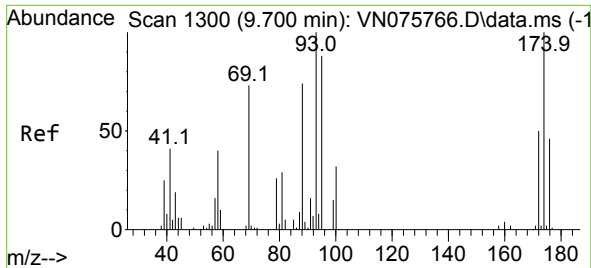
Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

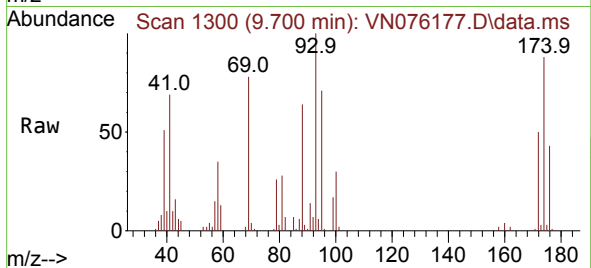
Tgt Ion: 41	Resp:	53034
Ion Ratio	Lower	Upper
41	100	
69	102.7	81.9 122.9
39	67.7	51.6 77.4



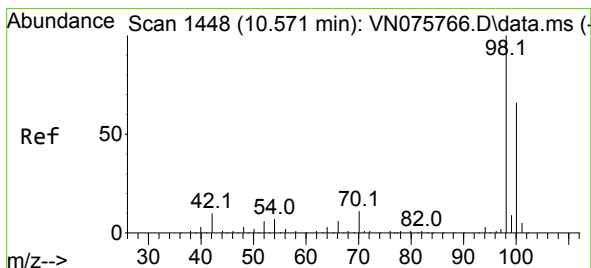
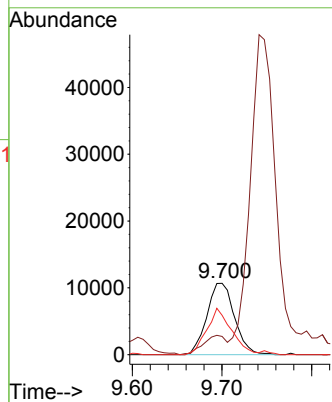
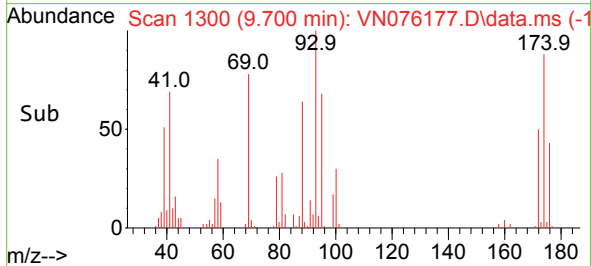


#49
1,4-Dioxane
Concen: 354.861 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :

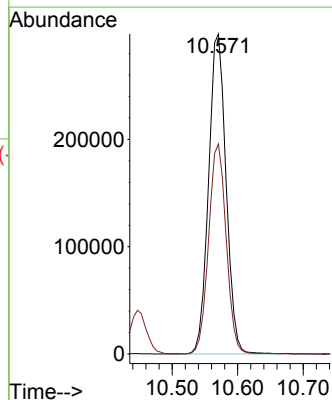
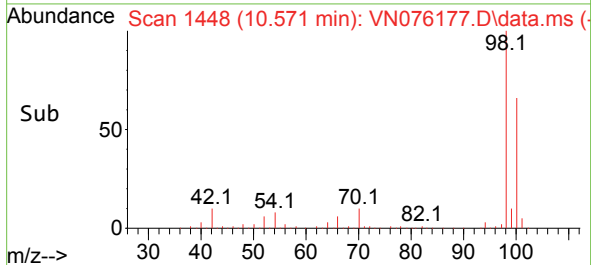
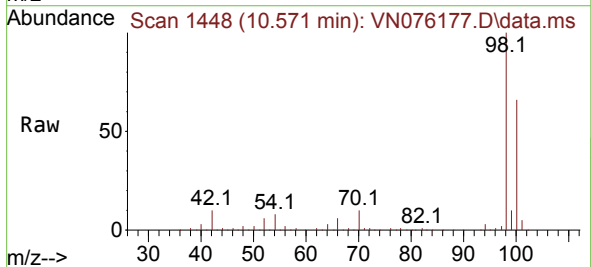


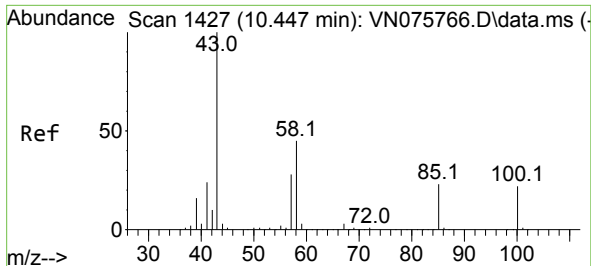
Tgt Ion: 88 Resp: 22811
Ion Ratio Lower Upper
88 100
43 22.6 17.1 25.7
58 58.7 47.8 71.8



#50
Toluene-d8
Concen: 44.823 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 98 Resp: 552751
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 102.659 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

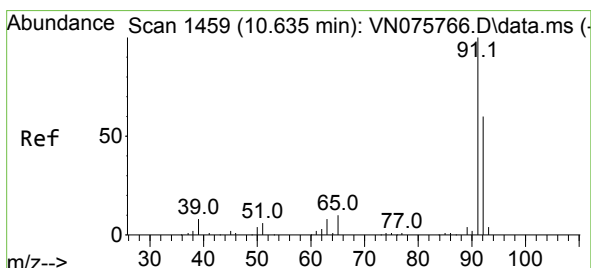
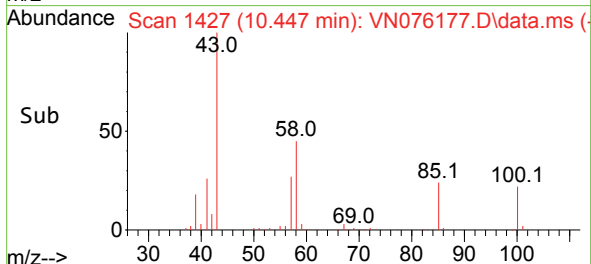
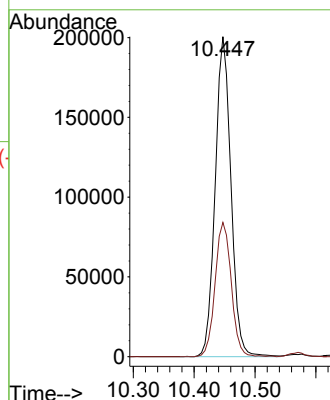
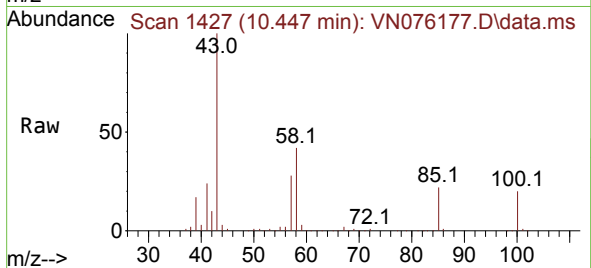
ClientSampleId :

Tgt Ion: 43 Resp: 360424

Ion Ratio Lower Upper

43 100

58 43.1 35.5 53.3



#52

Toluene

Concen: 19.573 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN076177.D

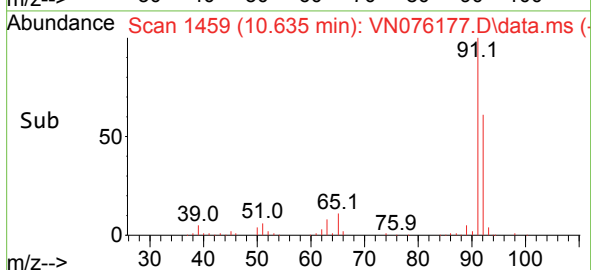
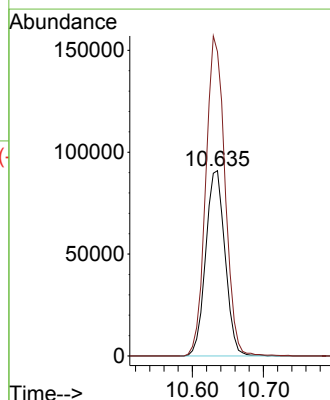
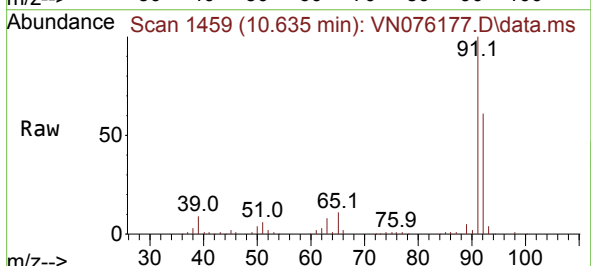
Acq: 10 Jan 2023 12:31

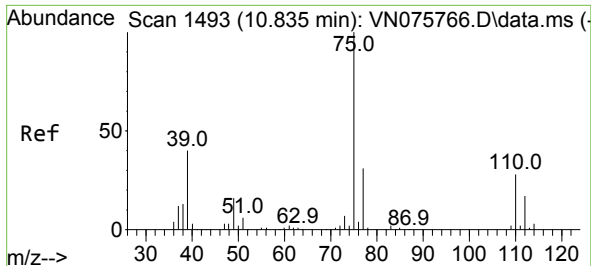
Tgt Ion: 92 Resp: 172325

Ion Ratio Lower Upper

92 100

91 171.5 137.3 205.9

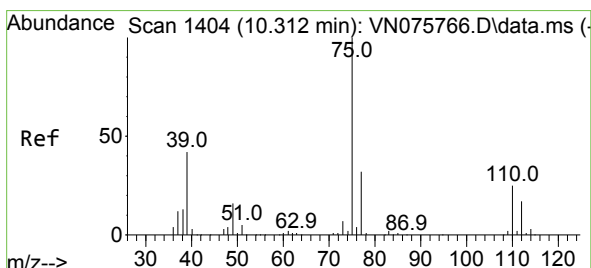
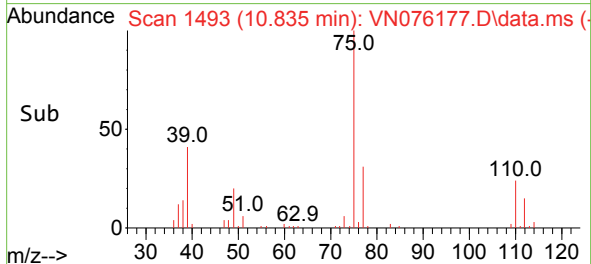
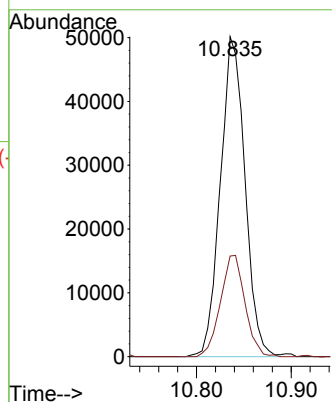
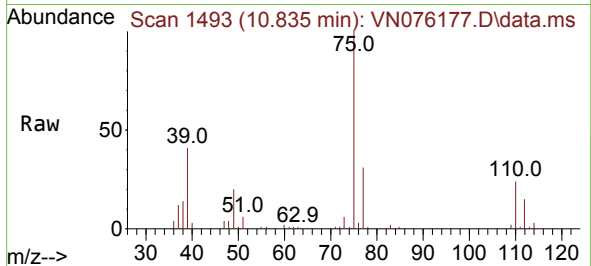




#53
 t-1,3-Dichloropropene
 Concen: 19.306 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076177.D
 Acq: 10 Jan 2023 12:31

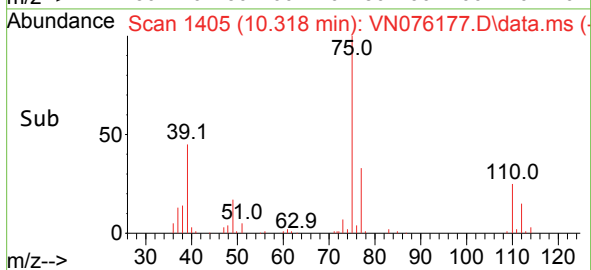
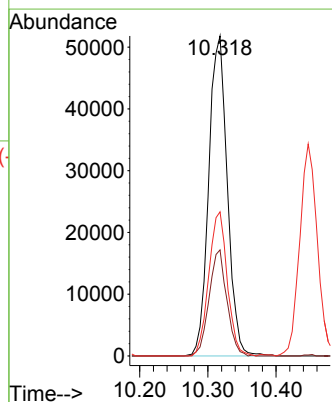
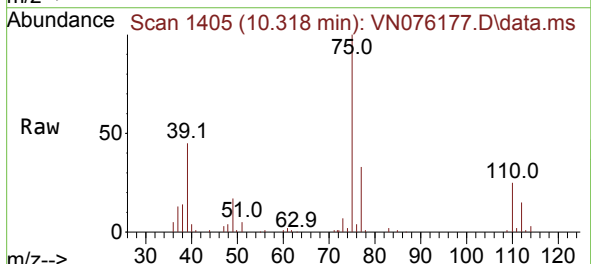
Instrument :
 MSVOA_N
 ClientSampleId :

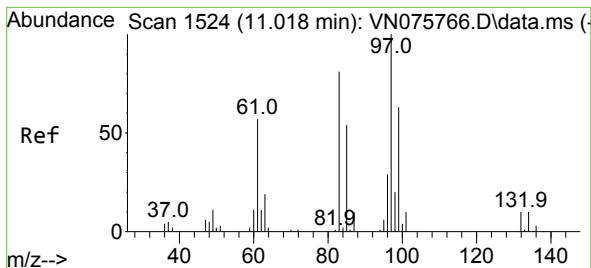
Tgt Ion: 75 Resp: 90422
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.120 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076177.D
 Acq: 10 Jan 2023 12:31

Tgt Ion: 75 Resp: 98326
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.8 38.8
 39 45.0 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 19.520 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

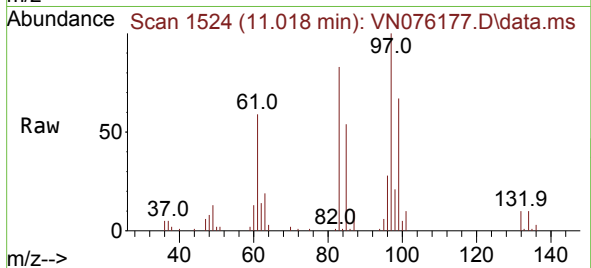
Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 67455

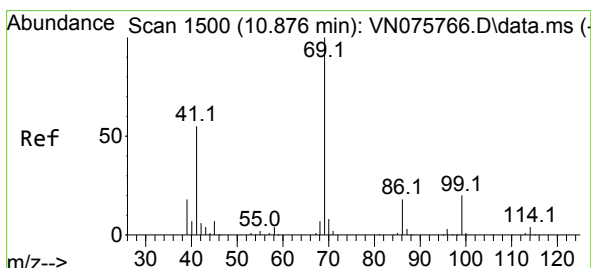
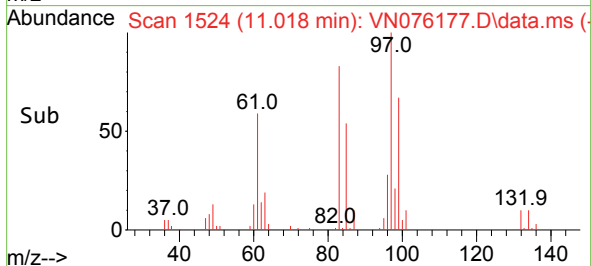
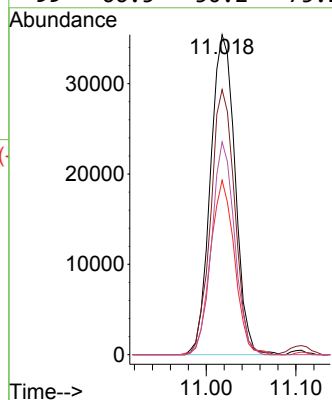
Ion Ratio Lower Upper

97 100

83 82.9 65.0 97.4

85 54.5 43.0 64.6

99 66.5 50.2 75.2



#56

Ethyl methacrylate

Concen: 19.773 ug/l

RT: 10.877 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

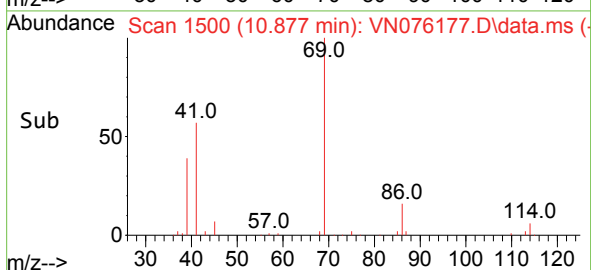
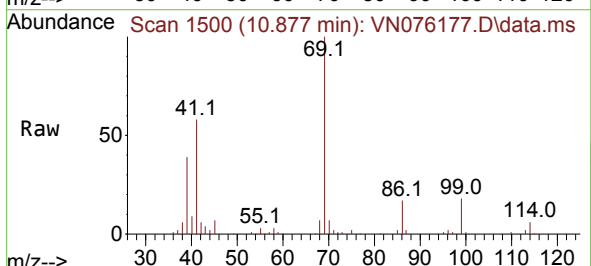
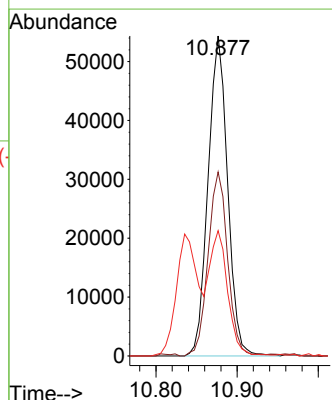
Tgt Ion: 69 Resp: 90761

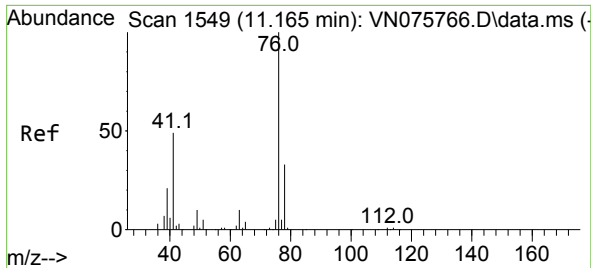
Ion Ratio Lower Upper

69 100

41 57.8 44.2 66.4

39 36.1 26.4 39.6





#57

1,3-Dichloropropane

Concen: 19.098 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

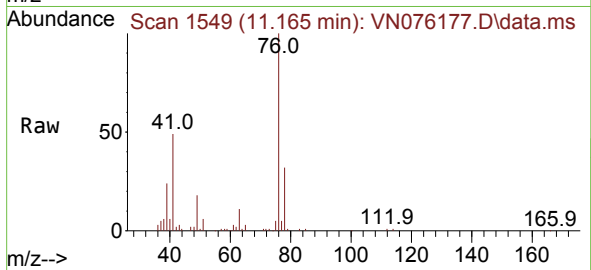
Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

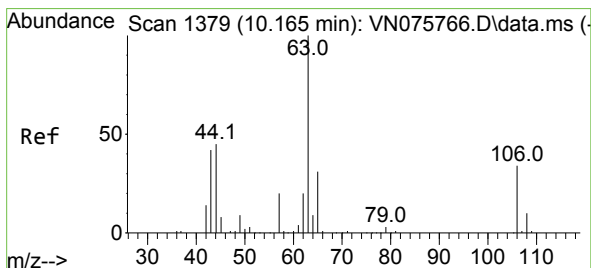
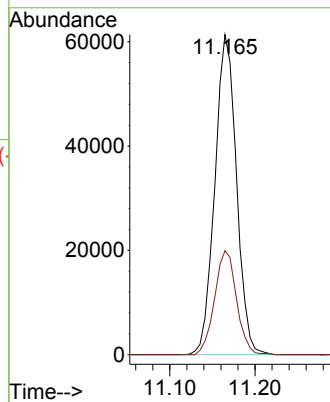
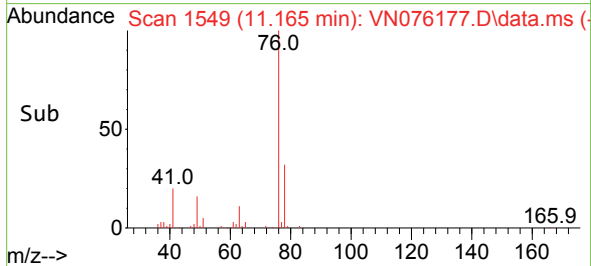


Tgt Ion: 76 Resp: 108253

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 88.334 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076177.D

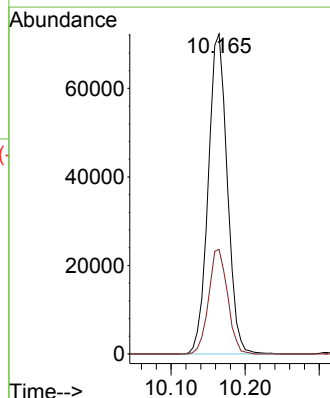
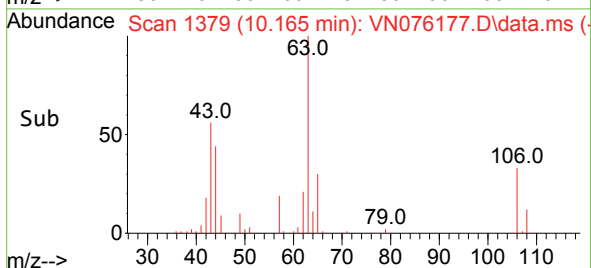
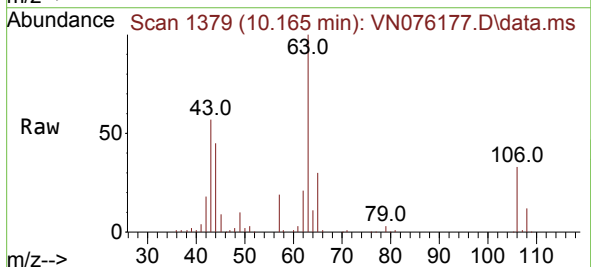
Acq: 10 Jan 2023 12:31

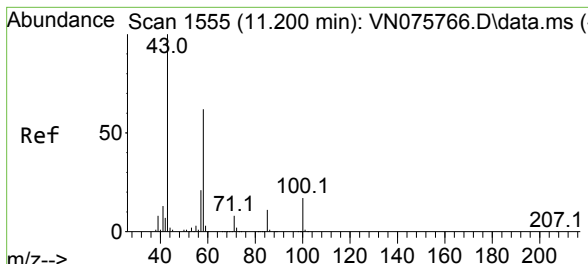
Tgt Ion: 63 Resp: 129090

Ion Ratio Lower Upper

63 100

106 32.5 26.4 39.6

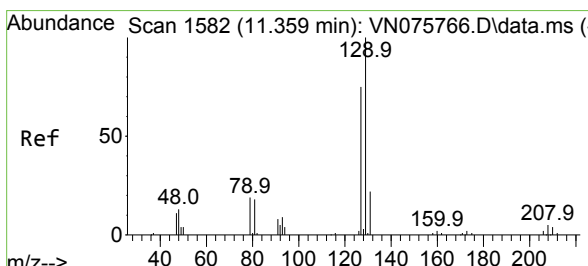
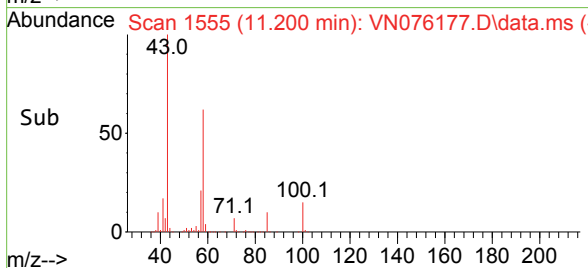
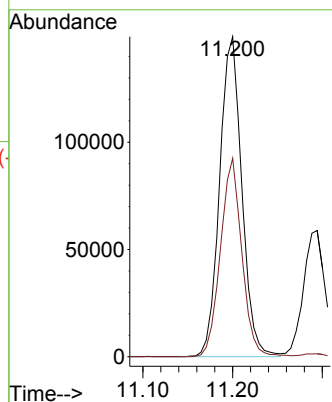
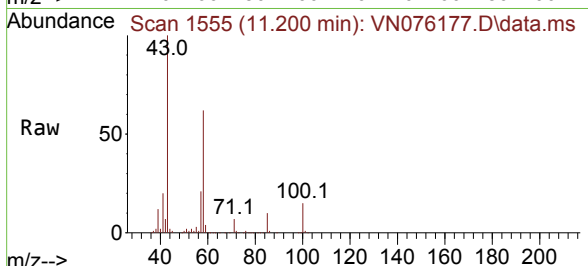




#59
2-Hexanone
Concen: 100.130 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

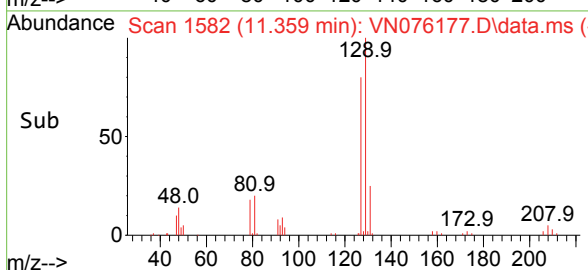
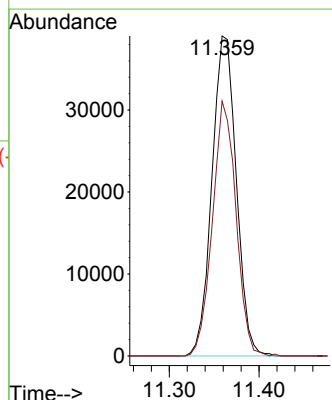
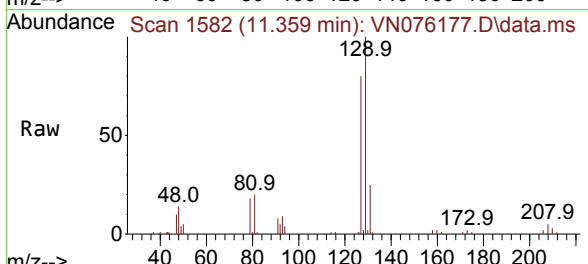
Instrument :
MSVOA_N
ClientSampleId :

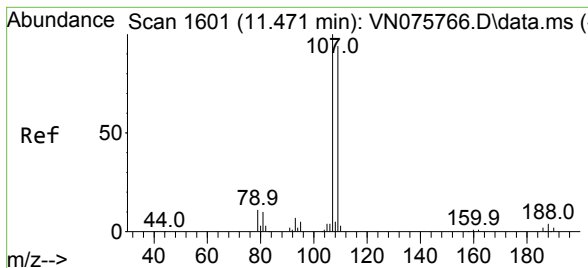
Tgt Ion: 43 Resp: 256372
Ion Ratio Lower Upper
43 100
58 59.7 30.6 92.0



#60
Dibromochloromethane
Concen: 19.170 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion:129 Resp: 73671
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9

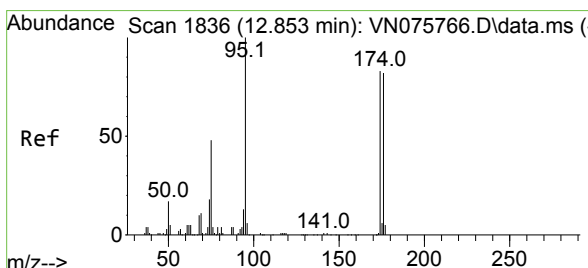
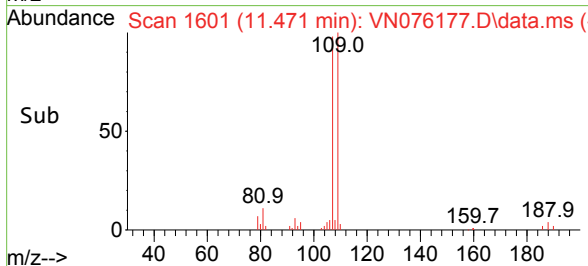
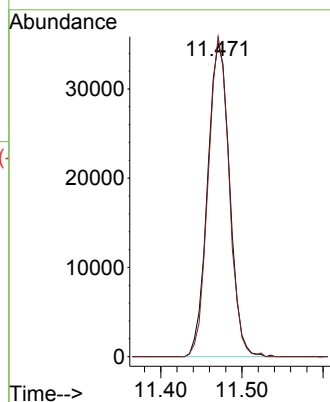
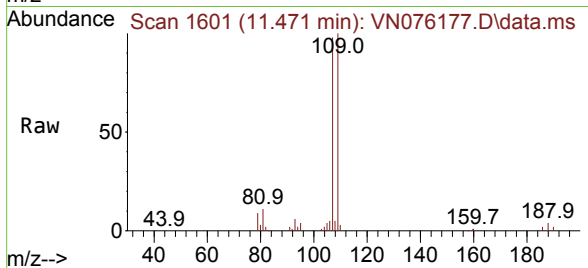




#61
1,2-Dibromoethane
Concen: 18.961 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

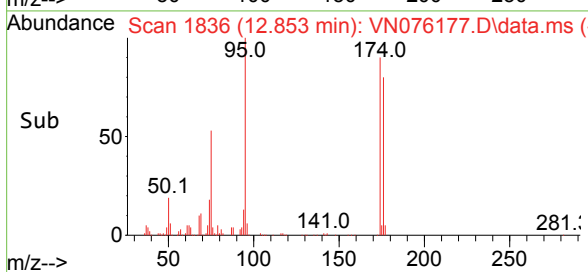
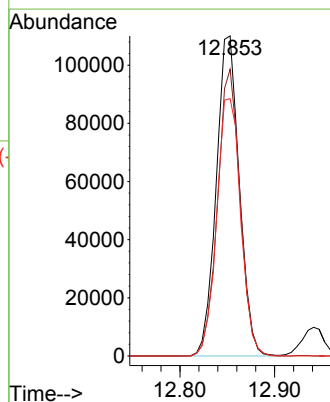
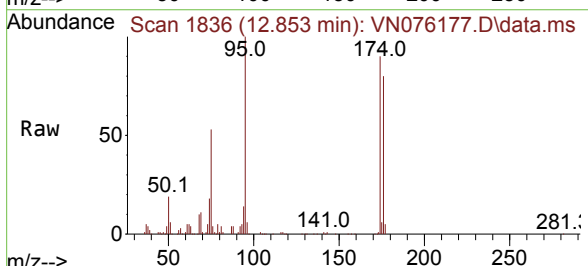
Instrument :
MSVOA_N
ClientSampleId :

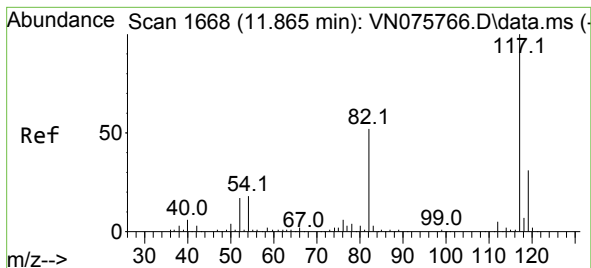
Tgt Ion:107 Resp: 66308
Ion Ratio Lower Upper
107 100
109 97.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 45.530 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 95 Resp: 185965
Ion Ratio Lower Upper
95 100
174 87.5 0.0 171.6
176 83.7 0.0 169.2

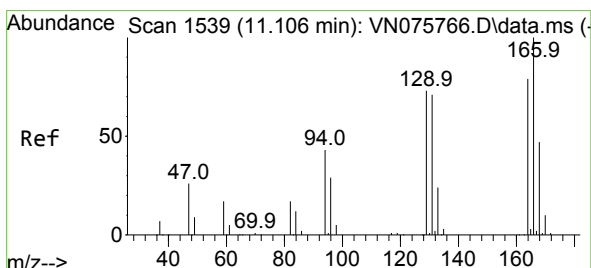
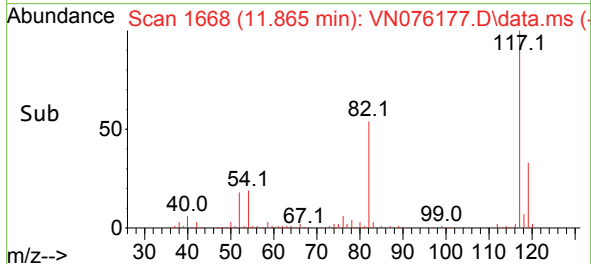
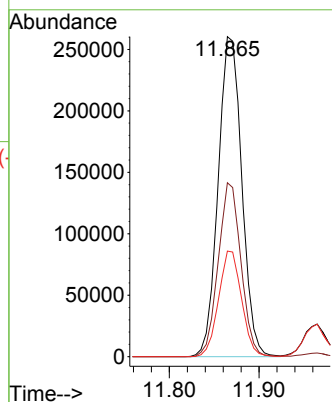
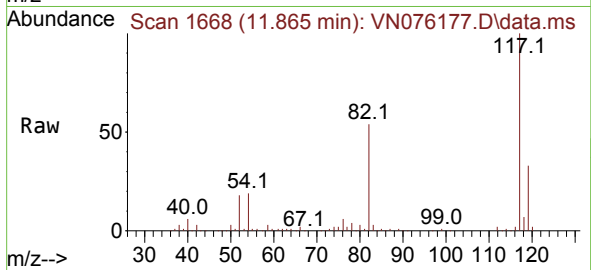




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

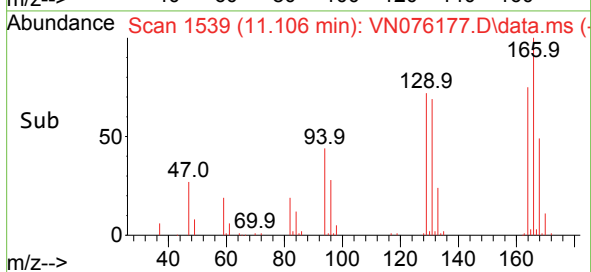
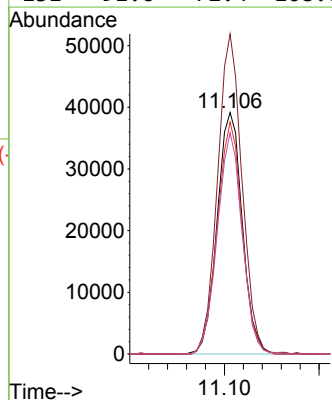
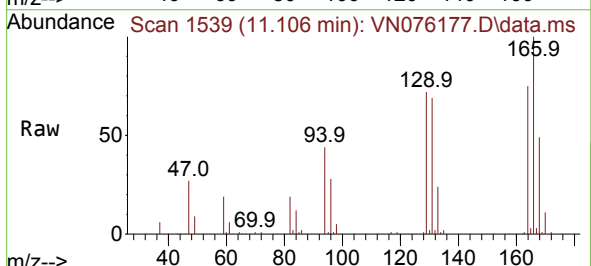
Instrument :
MSVOA_N
ClientSampleId :

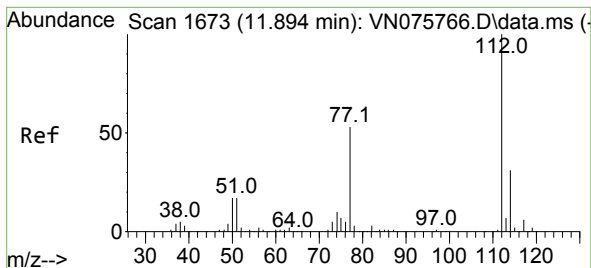
Tgt Ion:117 Resp: 476987
Ion Ratio Lower Upper
117 100
82 54.4 41.3 61.9
119 33.0 24.6 37.0



#64
Tetrachloroethene
Concen: 21.503 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion:164 Resp: 72173
Ion Ratio Lower Upper
164 100
166 132.6 101.9 152.9
129 96.1 74.2 111.2
131 91.6 72.4 108.6





#65

Chlorobenzene

Concen: 18.752 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

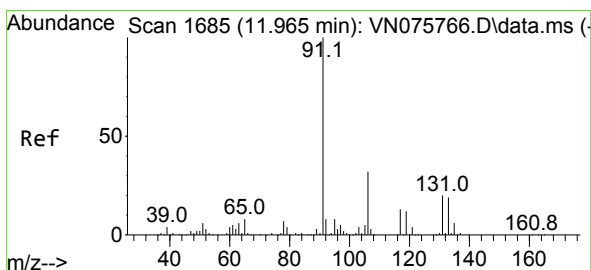
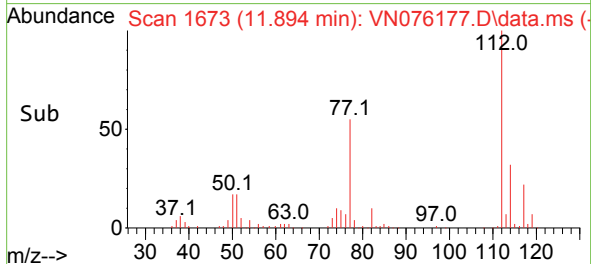
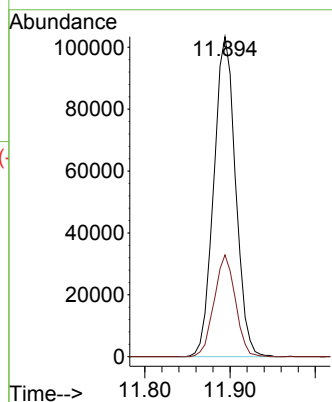
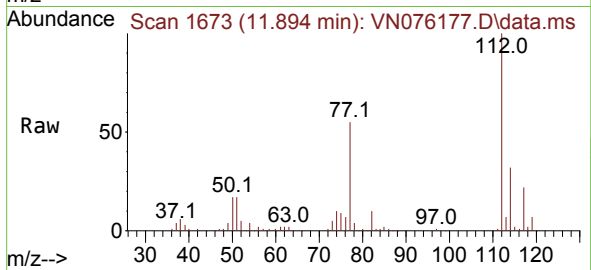
ClientSampleId :

Tgt Ion:112 Resp: 183581

Ion Ratio Lower Upper

112 100

114 31.8 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.132 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

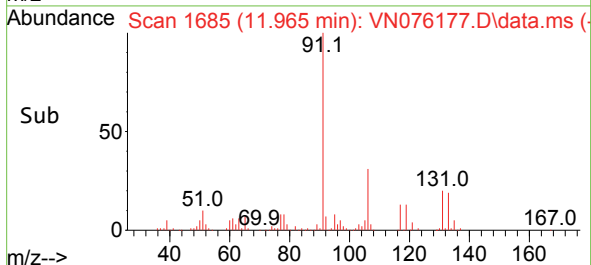
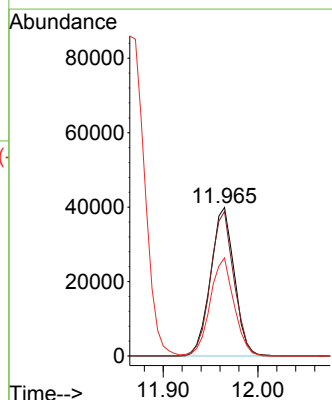
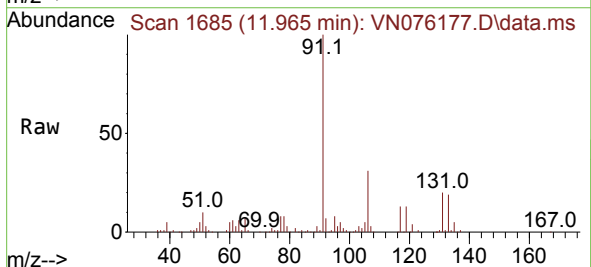
Tgt Ion:131 Resp: 69377

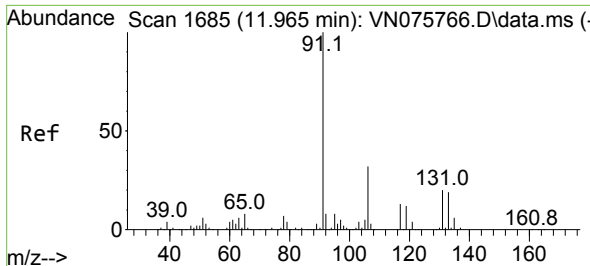
Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.5

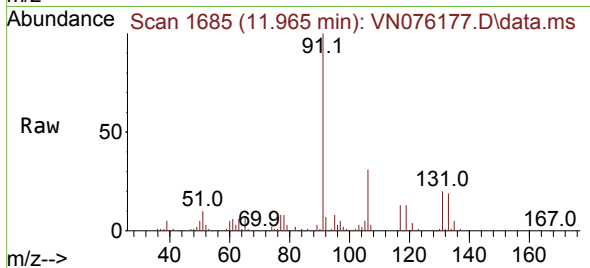
119 66.4 31.9 95.7



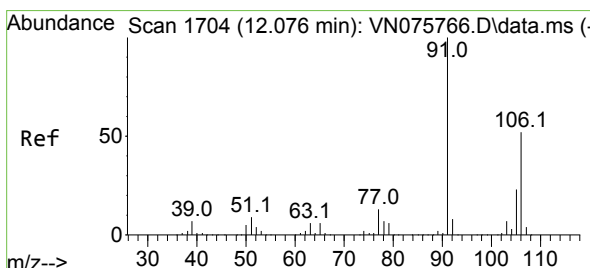
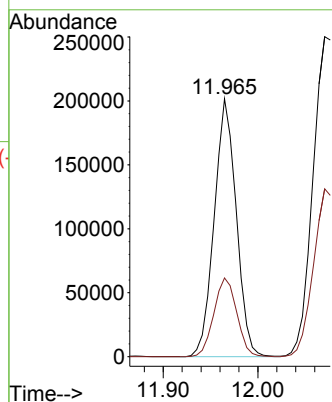
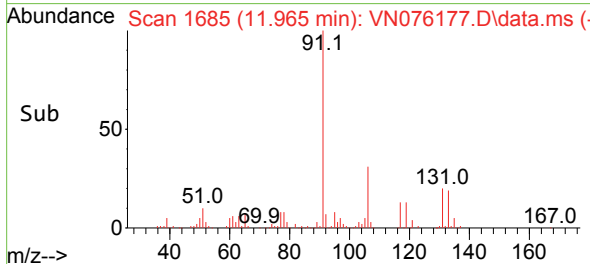


#67
Ethyl Benzene
Concen: 19.734 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :

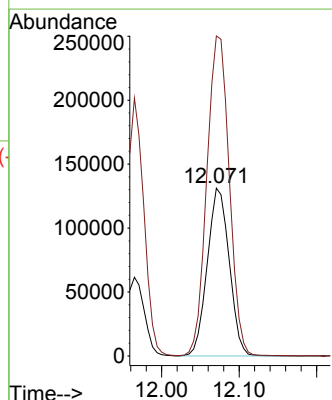
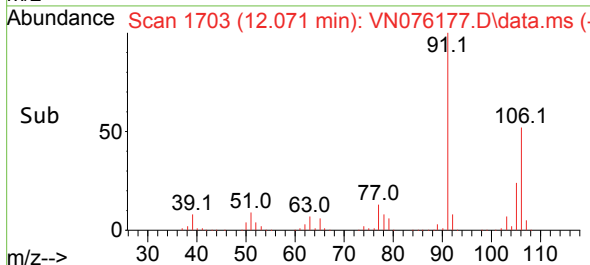
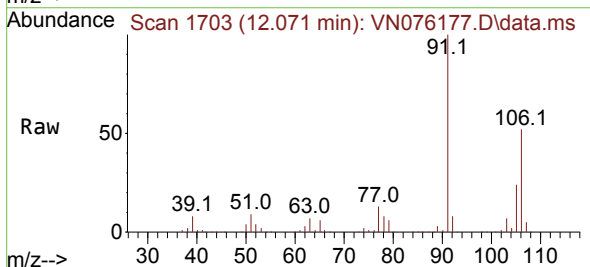


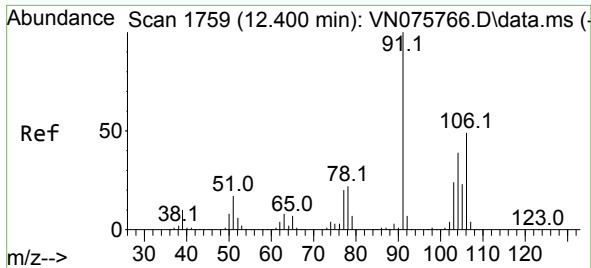
Tgt Ion: 91 Resp: 326069
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5



#68
m/p-Xylenes
Concen: 39.501 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 106 Resp: 258333
Ion Ratio Lower Upper
106 100
91 195.2 156.6 235.0

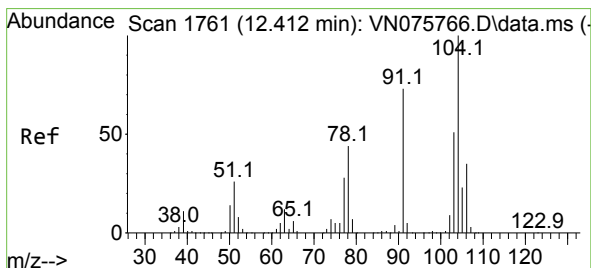
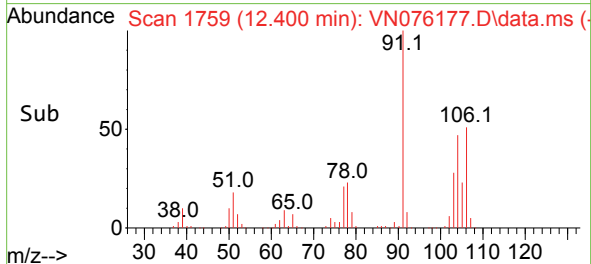
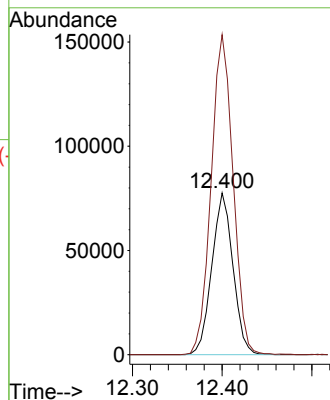
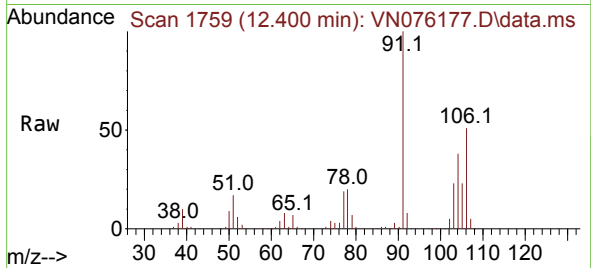




#69
o-Xylene
Concen: 19.618 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

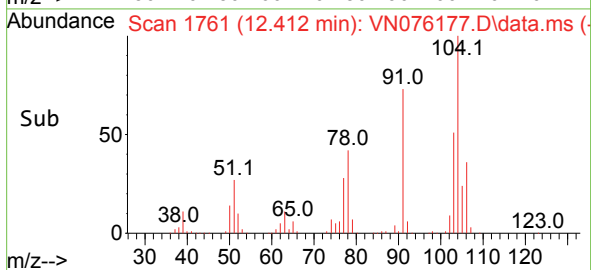
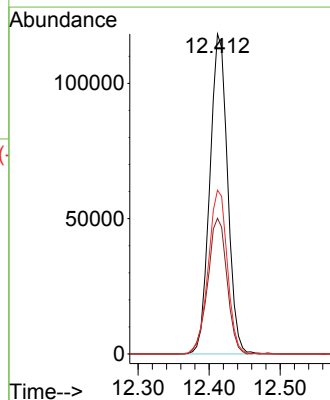
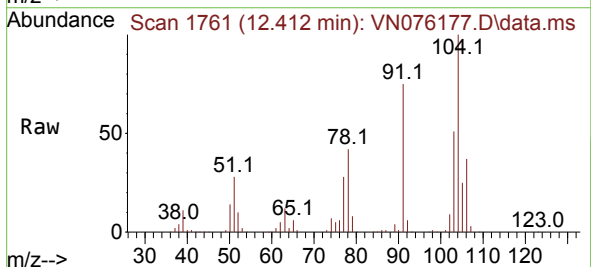
Instrument :
MSVOA_N
ClientSampleId :

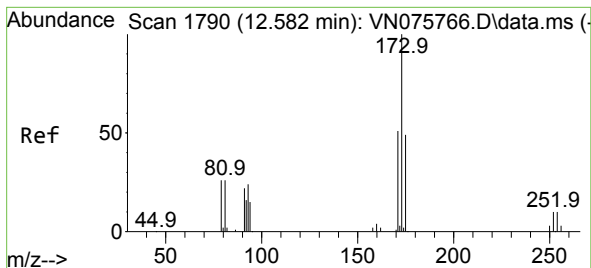
Tgt Ion:106 Resp: 126966
Ion Ratio Lower Upper
106 100
91 205.5 103.8 311.6



#70
Styrene
Concen: 19.941 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion:104 Resp: 205197
Ion Ratio Lower Upper
104 100
78 46.0 37.5 56.3
103 54.9 43.5 65.3





#71

Bromoform

Concen: 19.359 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076177.D

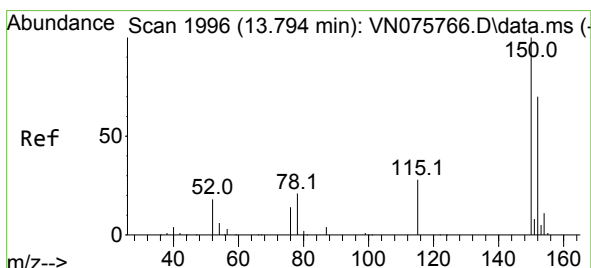
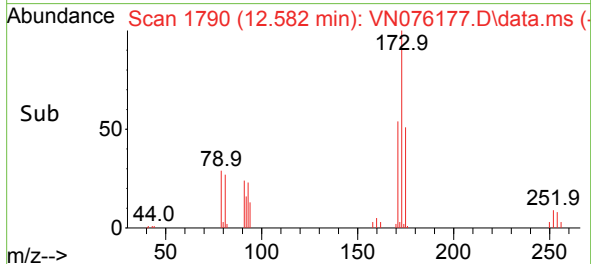
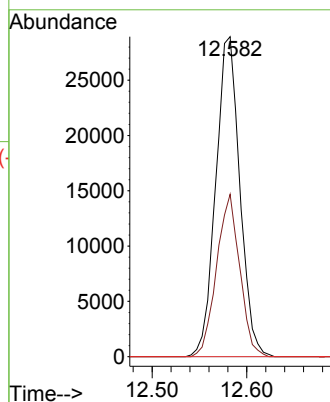
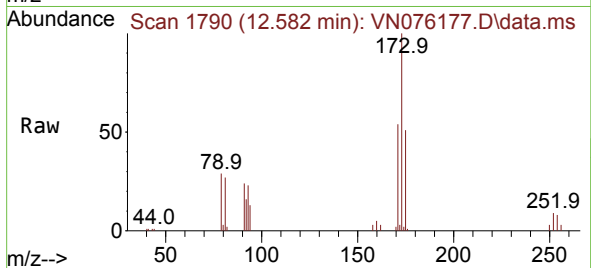
Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	51081
Ion Ratio	Lower	Upper
173	100	
175	48.9	24.3 72.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

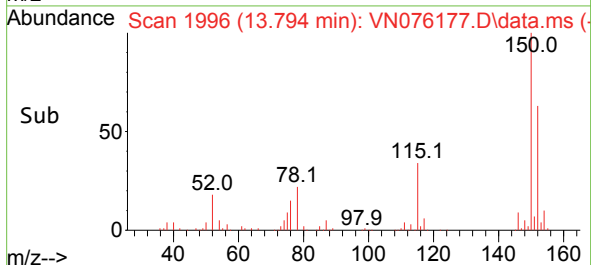
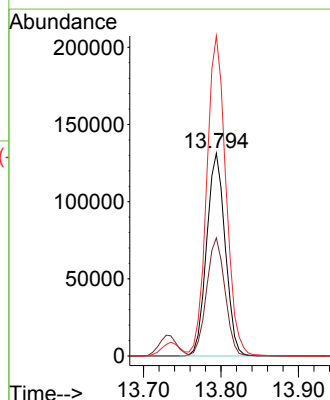
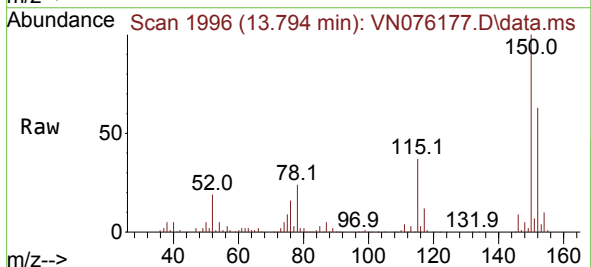
RT: 13.794 min Scan# 1996

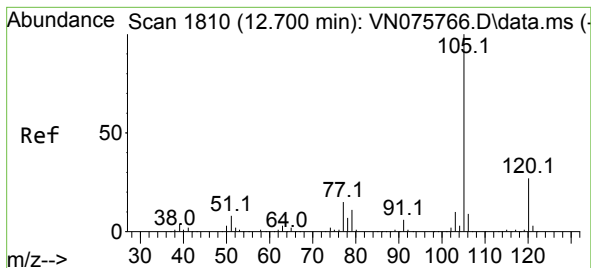
Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Tgt Ion:152	Resp:	218142
Ion Ratio	Lower	Upper
152	100	
115	57.9	29.1 87.4
150	163.6	0.0 347.0





#73

Isopropylbenzene

Concen: 20.770 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

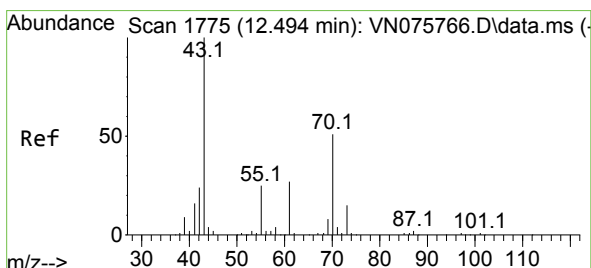
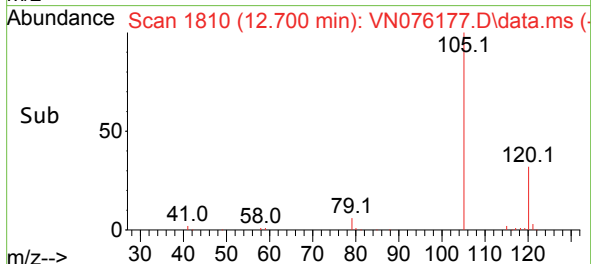
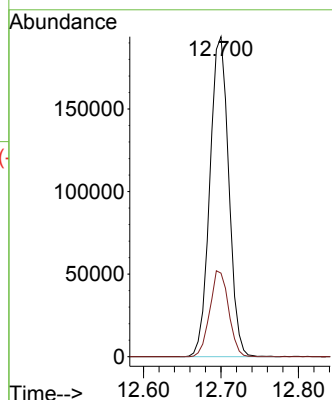
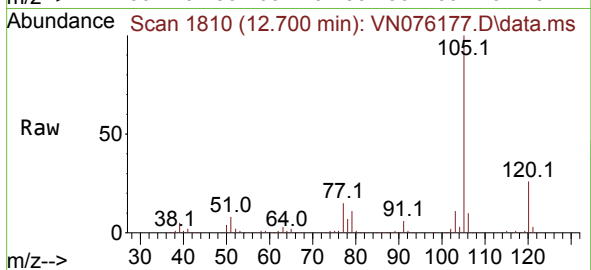
ClientSampleId :

Tgt Ion:105 Resp: 327409

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 20.239 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Tgt Ion: 43 Resp: 93599

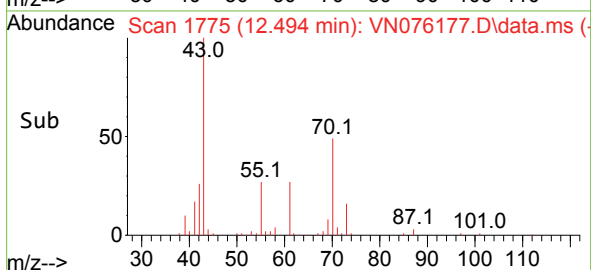
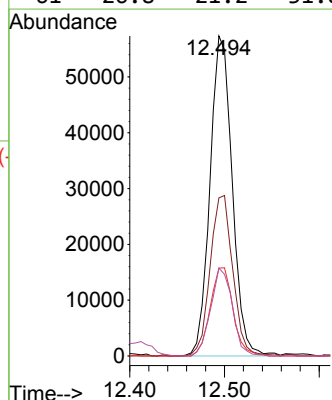
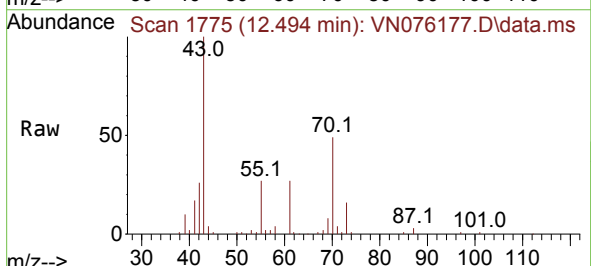
Ion Ratio Lower Upper

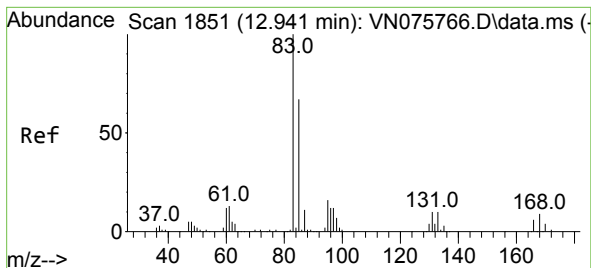
43 100

70 50.9 41.4 62.0

55 28.1 21.3 31.9

61 26.8 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.260 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

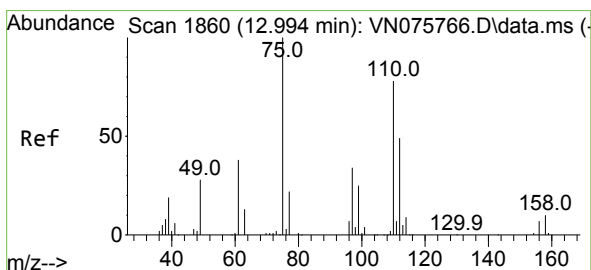
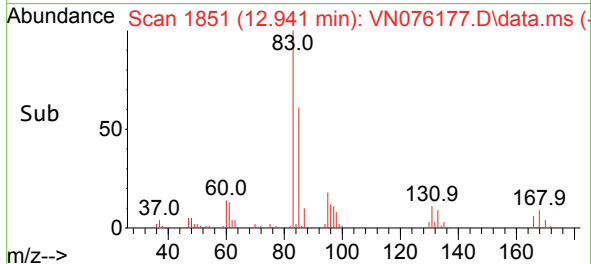
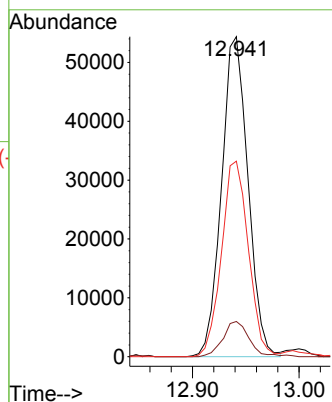
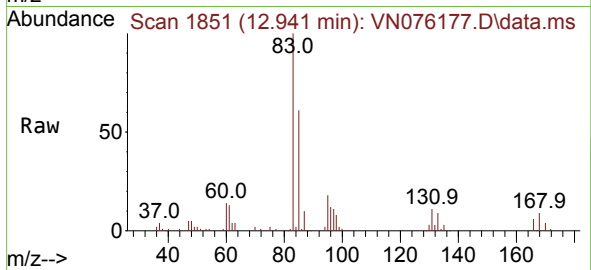
Tgt Ion: 83 Resp: 93858

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

85 62.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 25.760 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076177.D

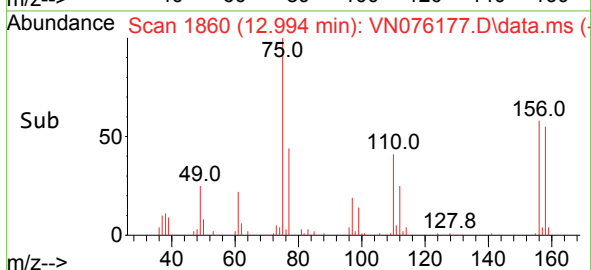
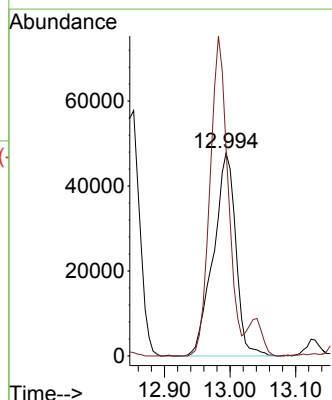
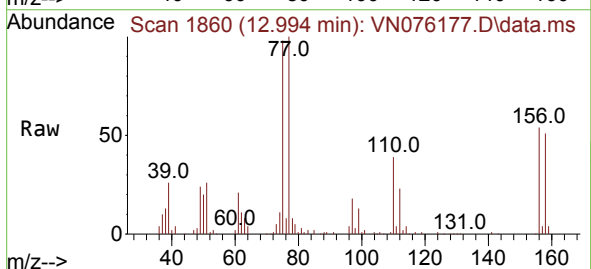
Acq: 10 Jan 2023 12:31

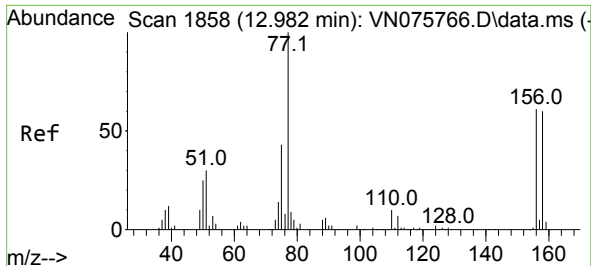
Tgt Ion: 75 Resp: 113272

Ion Ratio Lower Upper

75 100

77 126.3 82.6 247.8

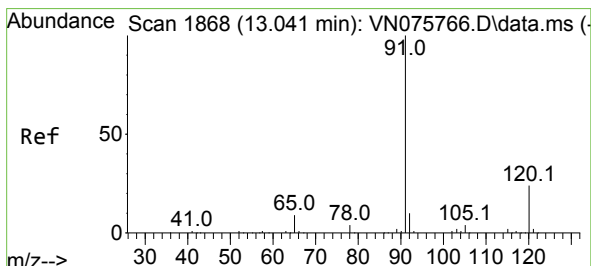
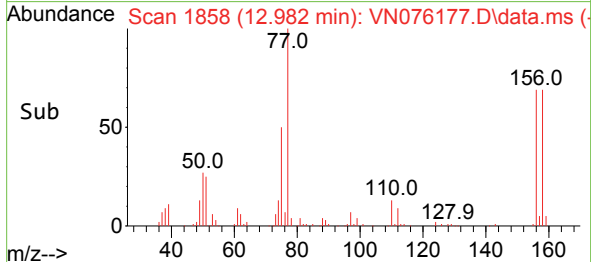
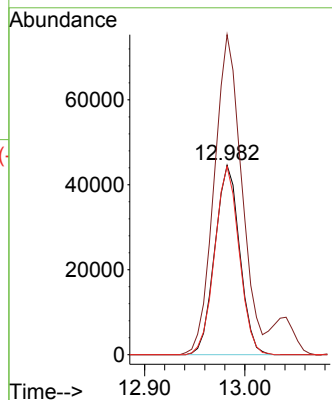
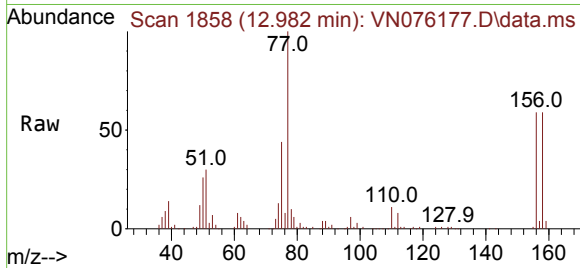




#77
Bromobenzene
Concen: 19.219 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

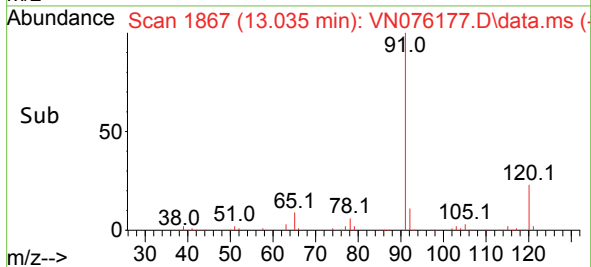
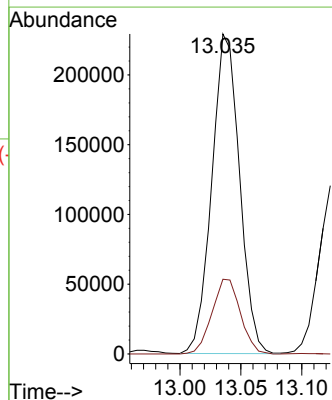
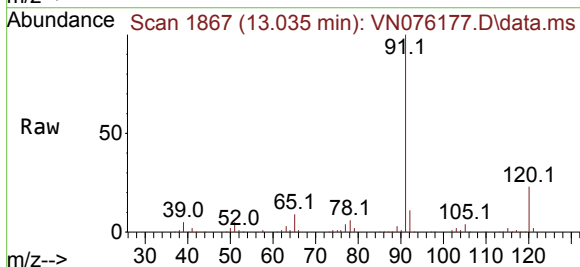
Instrument :
MSVOA_N
ClientSampleId :

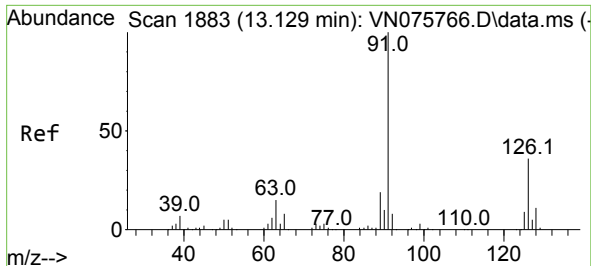
Tgt Ion	Resp	Lower	Upper
156	76672		
100			
77	186.6	93.8	281.3
158	97.8	48.9	146.6



#78
n-propylbenzene
Concen: 20.912 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion	Resp	Lower	Upper
91	363582		
100			
120	23.9	12.0	36.1

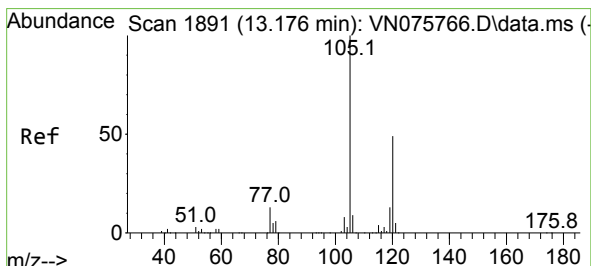
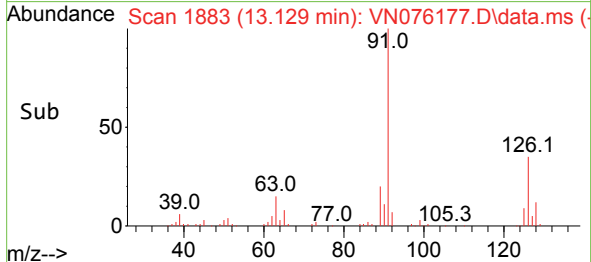
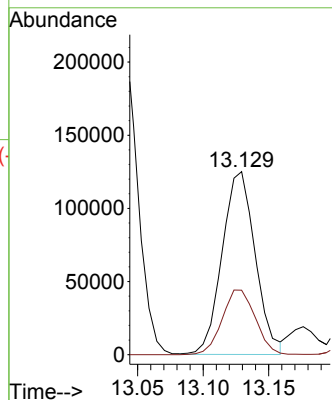
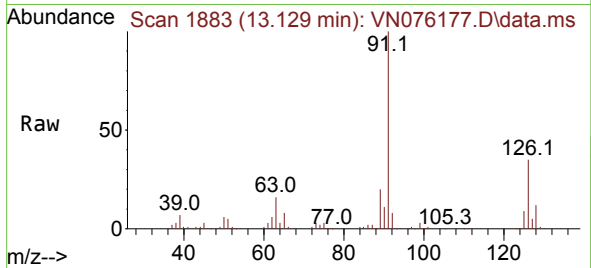




#79
2-Chlorotoluene
Concen: 20.233 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

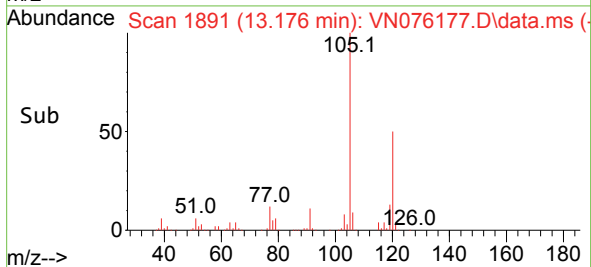
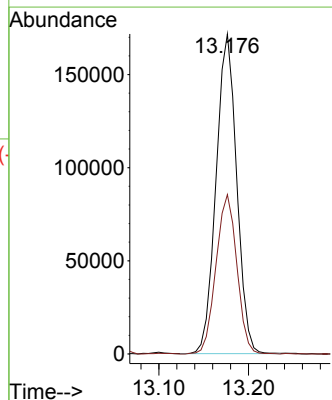
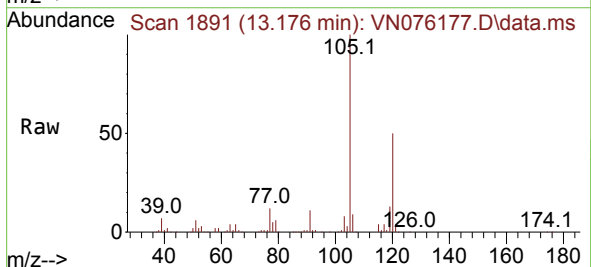
Instrument :
MSVOA_N
ClientSampleId :

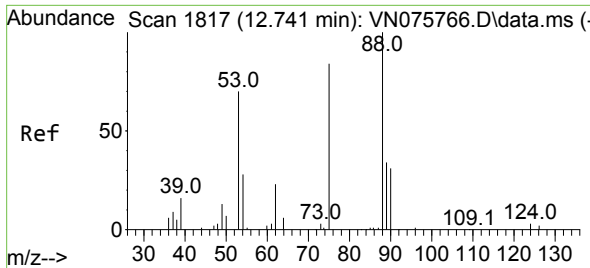
Tgt Ion: 91 Resp: 219600
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.725 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 105 Resp: 273433
Ion Ratio Lower Upper
105 100
120 50.5 24.7 74.1

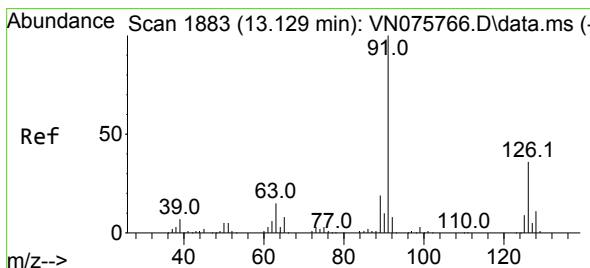
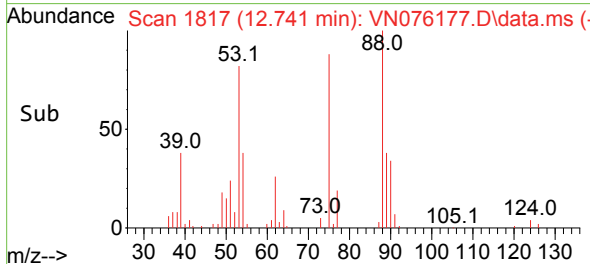
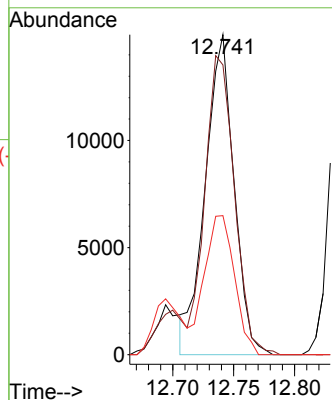
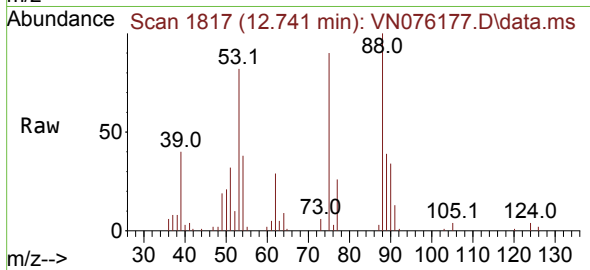




#81
trans-1,4-Dichloro-2-butene
Concen: 20.097 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

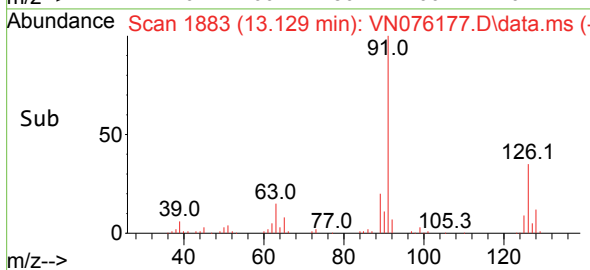
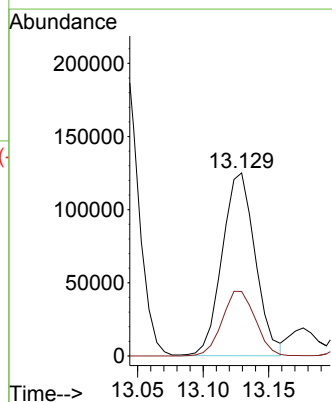
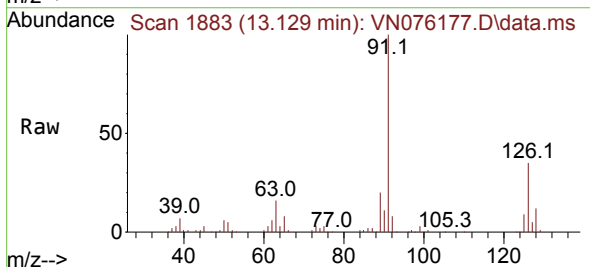
Instrument :
MSVOA_N
ClientSampleId :

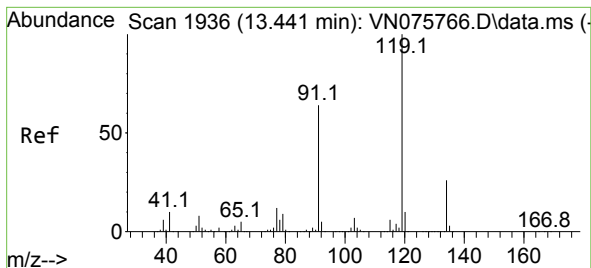
Tgt Ion: 75 Resp: 24551
Ion Ratio Lower Upper
75 100
53 95.8 73.8 110.6
89 45.8 39.5 59.3



#82
4-Chlorotoluene
Concen: 20.233 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 91 Resp: 219600
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.5





#83

tert-Butylbenzene

Concen: 20.600 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

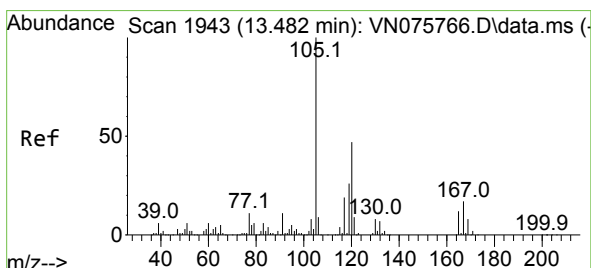
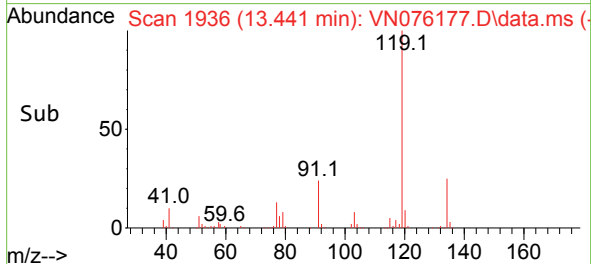
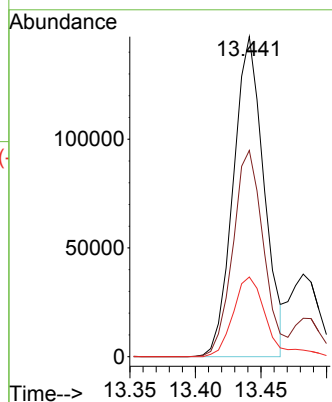
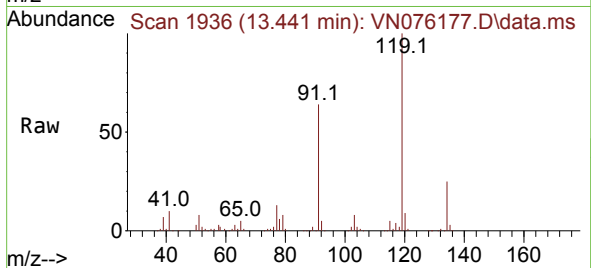
Tgt Ion:119 Resp: 239635

Ion Ratio Lower Upper

119 100

91 65.0 31.9 95.5

134 27.2 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 20.692 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076177.D

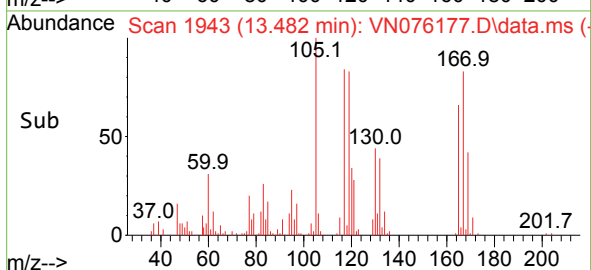
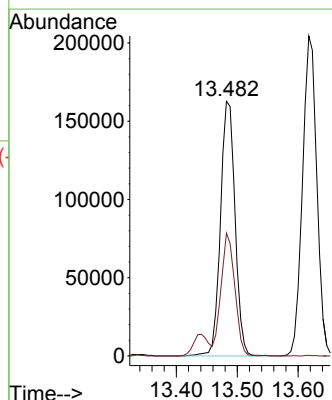
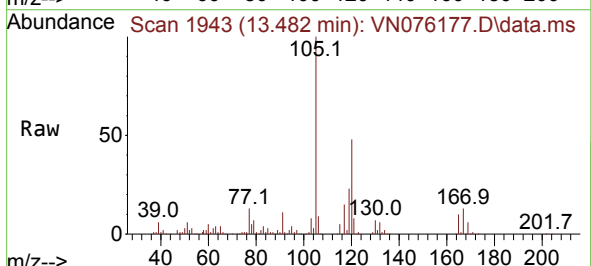
Acq: 10 Jan 2023 12:31

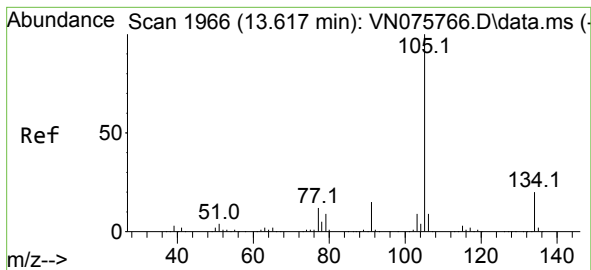
Tgt Ion:105 Resp: 270822

Ion Ratio Lower Upper

105 100

120 45.4 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.747 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

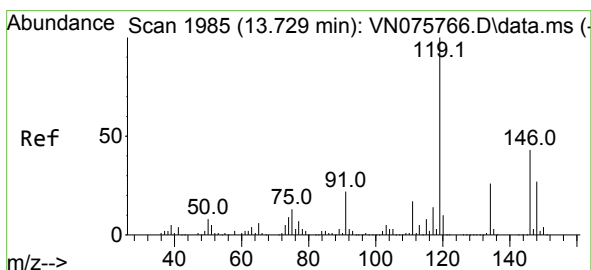
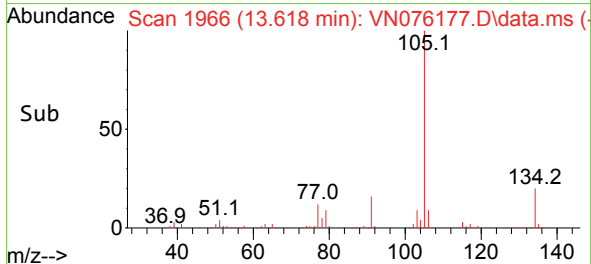
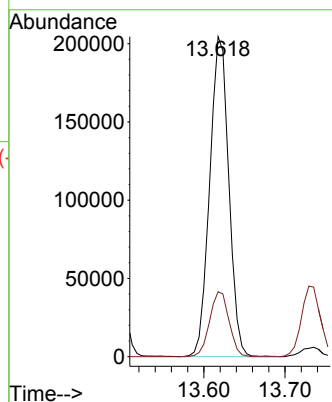
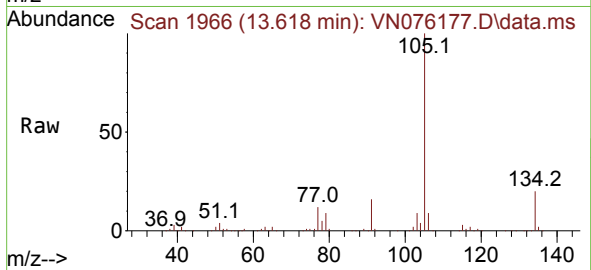
ClientSampleId :

Tgt Ion:105 Resp: 333107

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.824 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

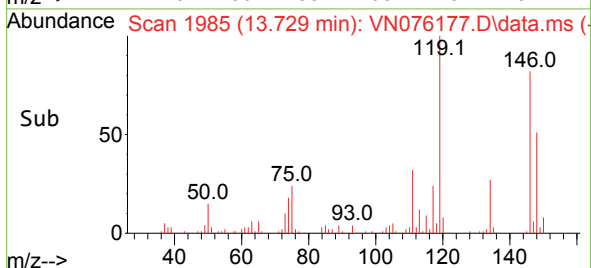
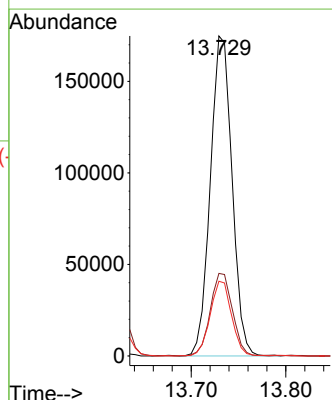
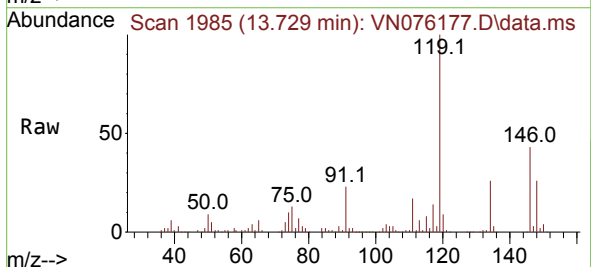
Tgt Ion:119 Resp: 278208

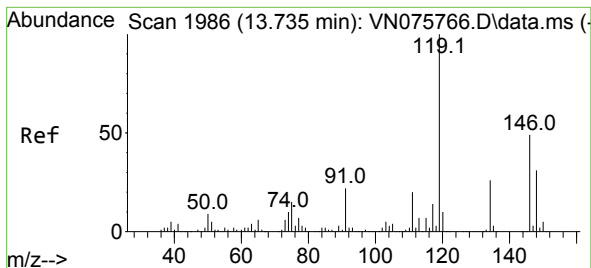
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.043 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

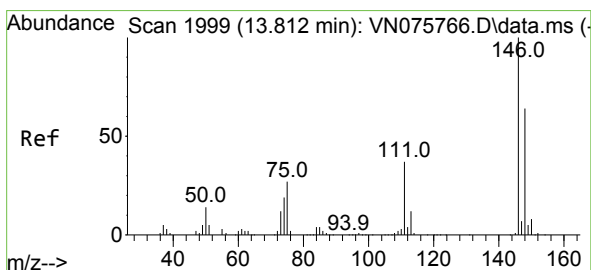
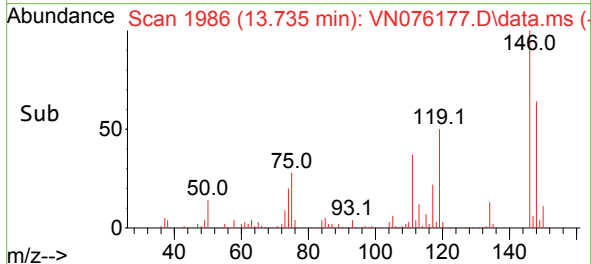
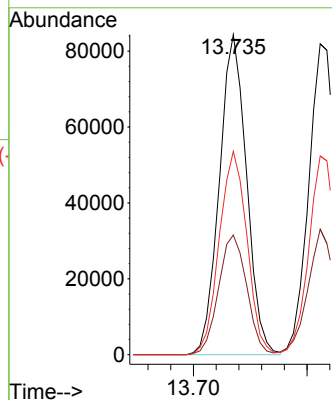
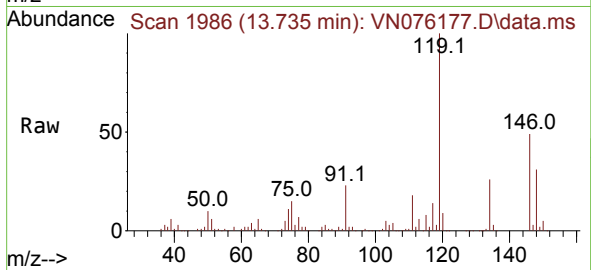
Tgt Ion:146 Resp: 140331

Ion Ratio Lower Upper

146 100

111 38.7 19.7 59.0

148 64.7 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 18.605 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

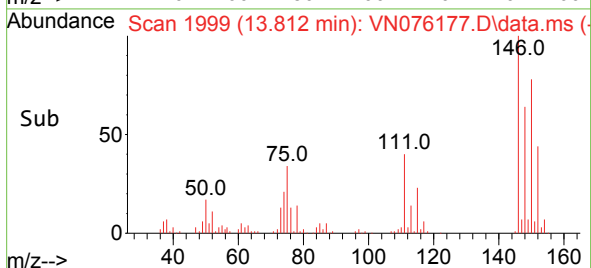
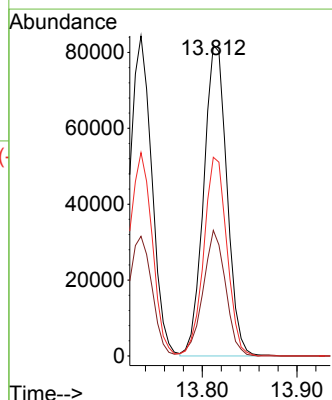
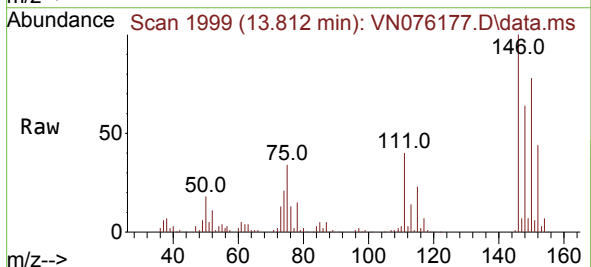
Tgt Ion:146 Resp: 140060

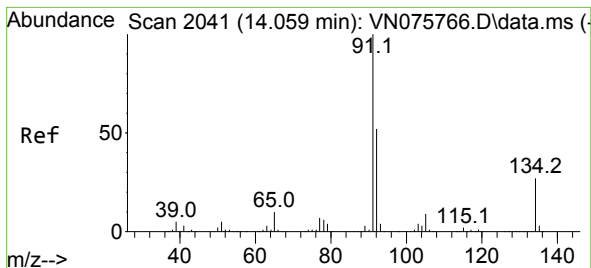
Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.1

148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 19.563 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

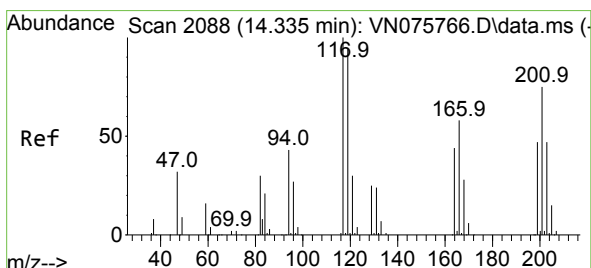
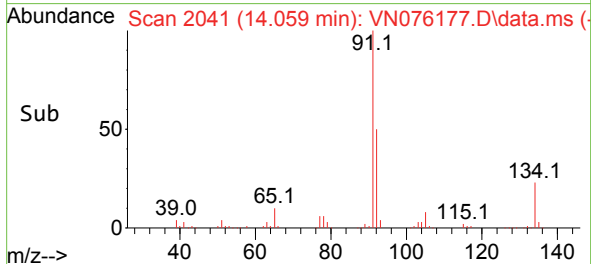
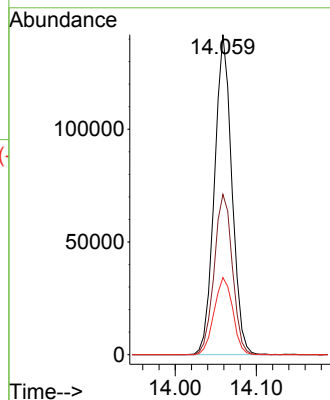
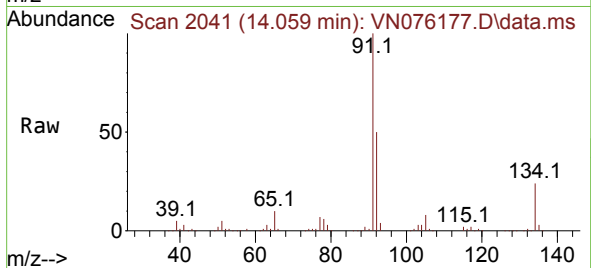
Tgt Ion: 91 Resp: 211735

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 25.8 13.4 40.2



#90

Hexachloroethane

Concen: 20.245 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076177.D

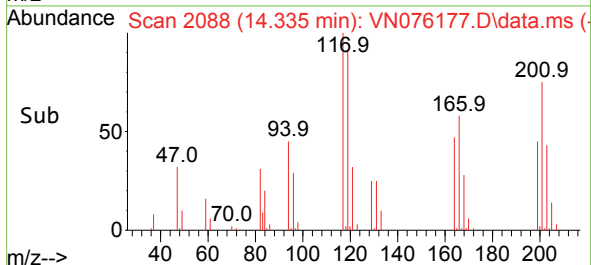
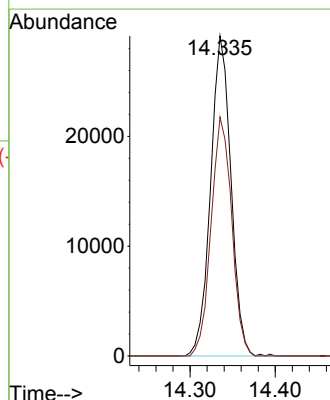
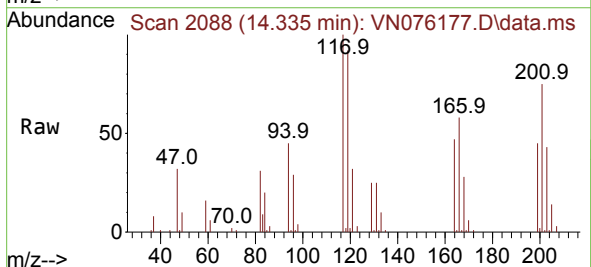
Acq: 10 Jan 2023 12:31

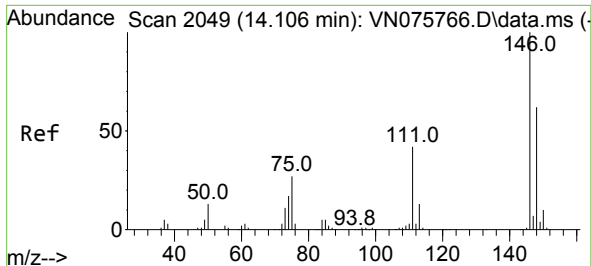
Tgt Ion: 117 Resp: 48380

Ion Ratio Lower Upper

117 100

201 75.6 38.0 114.1

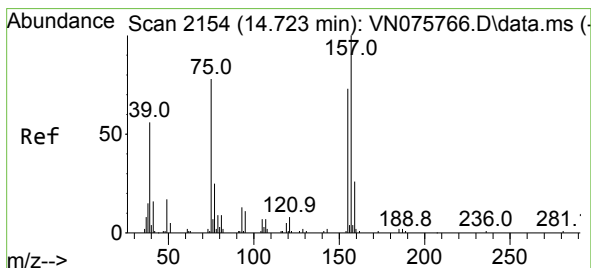
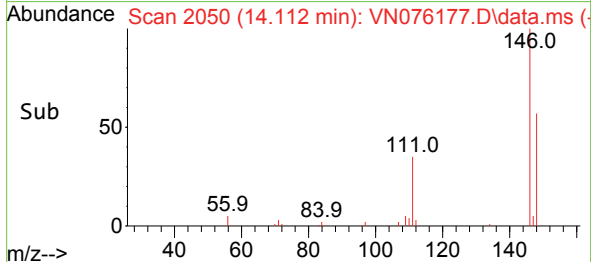
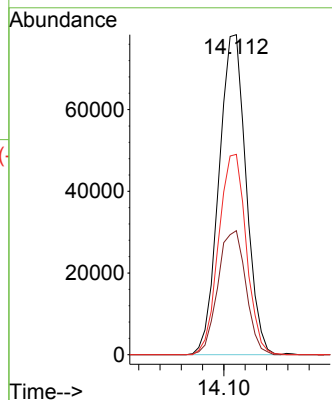
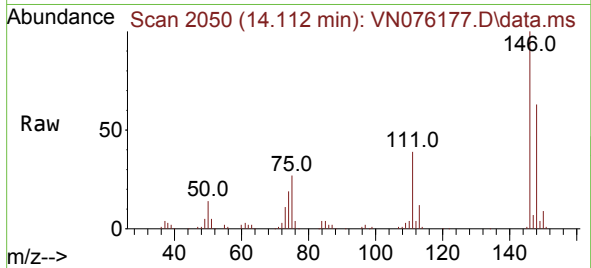




#91
1,2-Dichlorobenzene
Concen: 19.086 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

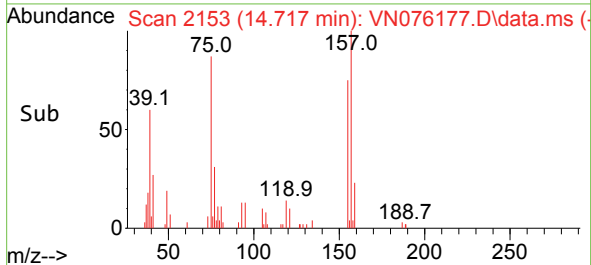
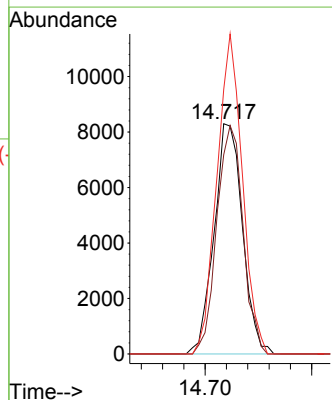
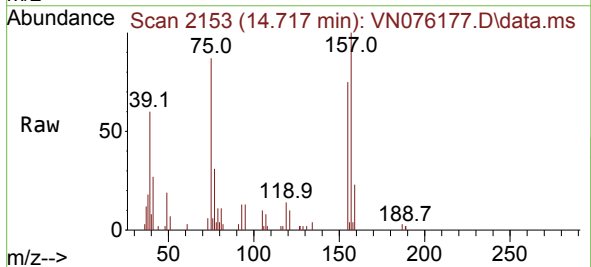
Instrument :
MSVOA_N
ClientSampleId :

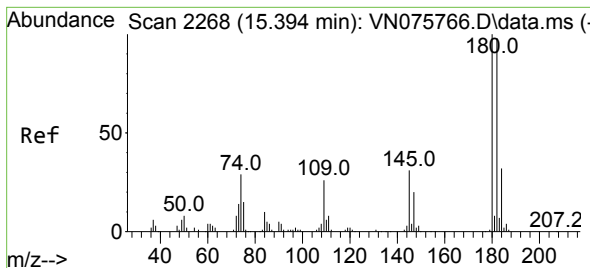
Tgt Ion:146 Resp: 138540
Ion Ratio Lower Upper
146 100
111 40.0 20.3 61.0
148 63.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.690 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion: 75 Resp: 15297
Ion Ratio Lower Upper
75 100
155 91.8 49.3 147.8
157 125.1 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.117 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

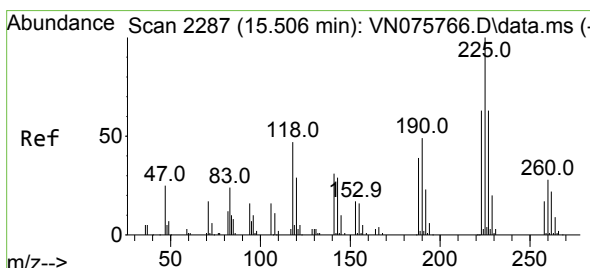
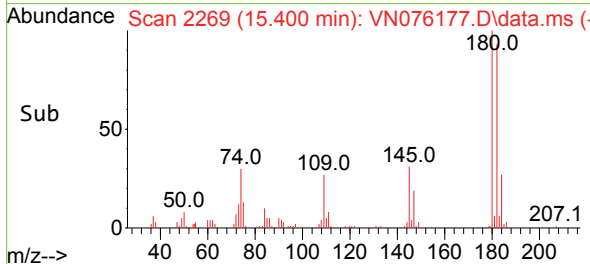
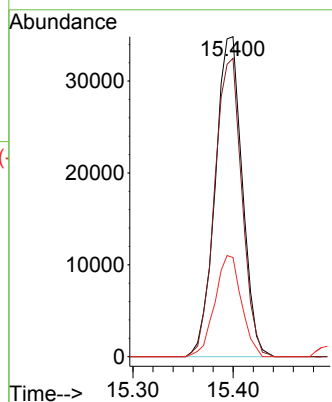
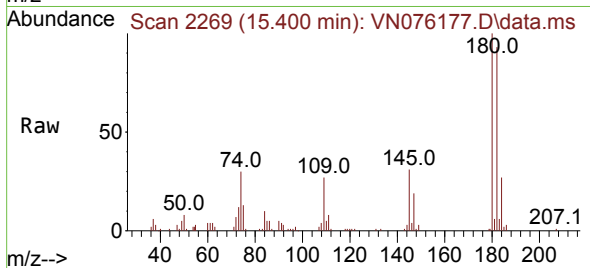
Tgt Ion:180 Resp: 65106

Ion Ratio Lower Upper

180 100

182 93.9 47.5 142.5

145 31.1 15.3 45.8



#94

Hexachlorobutadiene

Concen: 17.942 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076177.D

Acq: 10 Jan 2023 12:31

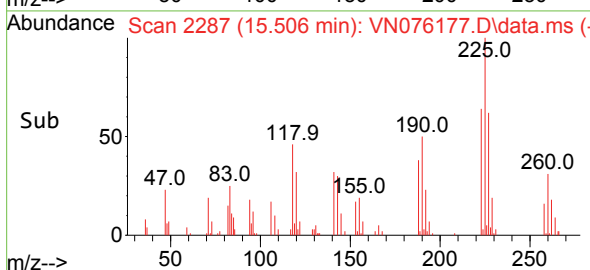
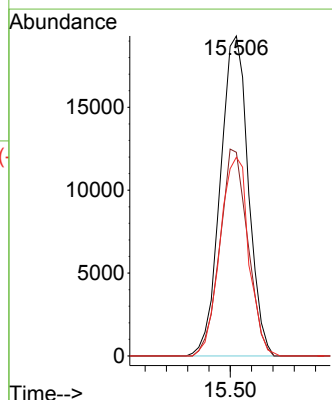
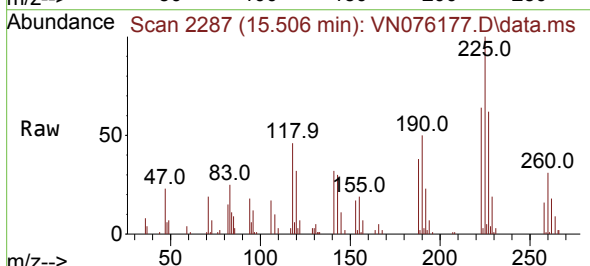
Tgt Ion:225 Resp: 35177

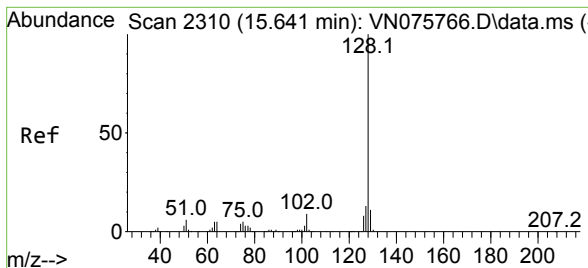
Ion Ratio Lower Upper

225 100

223 64.5 31.5 94.5

227 64.0 31.6 95.0

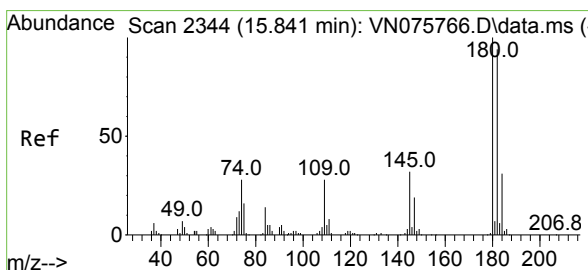
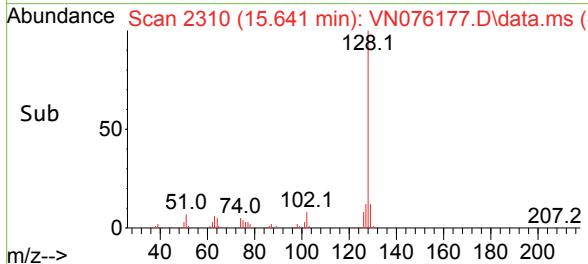
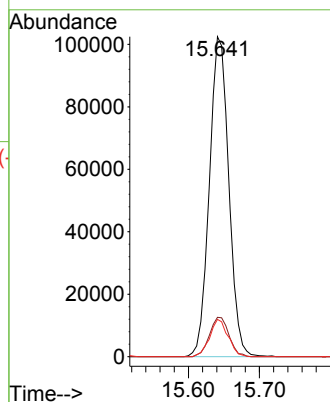
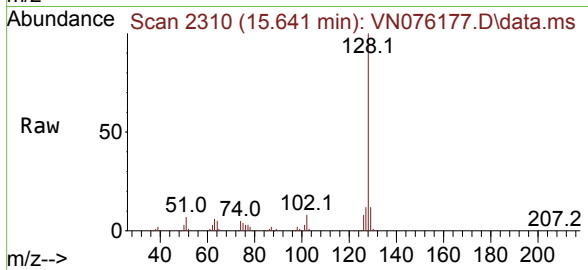




#95
Naphthalene
Concen: 17.841 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 194421
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.071 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076177.D
Acq: 10 Jan 2023 12:31

Tgt Ion:180 Resp: 64057
Ion Ratio Lower Upper
180 100
182 93.5 47.0 141.0
145 32.5 16.0 47.9

