

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076477.D
 Acq On : 31 Jan 2023 10:38
 Operator : JC\MD
 Sample : VN0131WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Quant Time: Feb 01 00:44:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	421506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	682134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	604374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255198	54.073	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.140%	
35) Dibromofluoromethane	8.171	113	215679	50.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.100%	
50) Toluene-d8	10.571	98	786754	49.925	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	12.853	95	274219	53.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	79474	18.399	ug/l	97
3) Chloromethane	2.377	50	103892	23.231	ug/l	96
4) Vinyl Chloride	2.530	62	118811	21.666	ug/l	97
5) Bromomethane	2.971	94	75207	16.747	ug/l	98
6) Chloroethane	3.130	64	69730	16.958	ug/l	90
7) Trichlorofluoromethane	3.512	101	146403	19.406	ug/l	96
8) Diethyl Ether	3.977	74	48042	18.986	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.389	101	82542	19.327	ug/l	96
10) Methyl Iodide	4.606	142	113719	17.432	ug/l	95
11) Tert butyl alcohol	5.530	59	60087	95.185	ug/l	97
12) 1,1-Dichloroethene	4.359	96	72032	17.842	ug/l	87
13) Acrolein	4.195	56	61792	81.850	ug/l	99
14) Allyl chloride	5.042	41	98131	20.858	ug/l	92
15) Acrylonitrile	5.730	53	176037	97.995	ug/l	98
16) Acetone	4.442	43	188724	124.703	ug/l	96
17) Carbon Disulfide	4.730	76	154083	15.328	ug/l #	94
18) Methyl Acetate	5.042	43	103447	20.176	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	261274	19.879	ug/l	97
20) Methylene Chloride	5.295	84	85082	18.627	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	76119	17.404	ug/l	92
22) Diisopropyl ether	6.683	45	233285	21.026	ug/l	97
23) Vinyl Acetate	6.612	43	720944	100.540	ug/l	100
24) 1,1-Dichloroethane	6.583	63	144817	19.581	ug/l	99
25) 2-Butanone	7.489	43	235798	102.045	ug/l	91
26) 2,2-Dichloropropane	7.500	77	126253	20.255	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	95816	18.783	ug/l	97
28) Bromochloromethane	7.824	49	70261	23.439	ug/l	98
29) Tetrahydrofuran	7.847	42	142718	100.073	ug/l	97
30) Chloroform	7.971	83	166175	20.306	ug/l	98
31) Cyclohexane	8.265	56	127010	17.519	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	151330	20.255	ug/l	97
36) 1,1-Dichloropropene	8.377	75	113950	18.793	ug/l	97
37) Ethyl Acetate	7.571	43	93315	19.210	ug/l	98
38) Carbon Tetrachloride	8.365	117	130370	19.281	ug/l	99
39) Methylcyclohexane	9.606	83	133427	18.020	ug/l	97
40) Benzene	8.612	78	344209	18.985	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	50424	19.802	ug/l	97
42) 1,2-Dichloroethane	8.677	62	127204	20.506	ug/l	97
43) Isopropyl Acetate	8.694	43	156286	19.754	ug/l	98
44) Trichloroethene	9.353	130	93810	18.294	ug/l	100
45) 1,2-Dichloropropane	9.624	63	85603	19.721	ug/l	98
46) Dibromomethane	9.712	93	62795	19.160	ug/l	98
47) Bromodichloromethane	9.888	83	128808	20.264	ug/l	100
48) Methyl methacrylate	9.683	41	74724	19.950	ug/l	97
49) 1,4-Dioxane	9.700	88	31240	395.277	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	480158	103.382	ug/l	100
52) Toluene	10.630	92	225567	18.604	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	125757	20.754	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	136820	19.626	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	92591	19.979	ug/l	99
56) Ethyl methacrylate	10.877	69	123342	20.615	ug/l	98
57) 1,3-Dichloropropane	11.165	76	148878	19.768	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	160217	79.321	ug/l	99
59) 2-Hexanone	11.194	43	355781	105.709	ug/l	98
60) Dibromochloromethane	11.359	129	100960	20.695	ug/l	99
61) 1,2-Dibromoethane	11.471	107	90657	19.598	ug/l	100
64) Tetrachloroethene	11.106	164	93936	17.235	ug/l	99
65) Chlorobenzene	11.894	112	244542	19.141	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	96294	20.258	ug/l	99
67) Ethyl Benzene	11.965	91	433943	19.846	ug/l	99
68) m/p-Xylenes	12.077	106	340045	38.784	ug/l	97
69) o-Xylene	12.400	106	168049	19.517	ug/l	96
70) Styrene	12.412	104	273258	19.876	ug/l	98
71) Bromoform	12.576	173	70139	20.432	ug/l #	98
73) Isopropylbenzene	12.700	105	444328	20.303	ug/l	99
74) N-amyl acetate	12.494	43	129332	20.545	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	130837	20.797	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	154397	29.572	ug/l	84
77) Bromobenzene	12.982	156	103315	19.854	ug/l	96
78) n-propylbenzene	13.035	91	500627	20.274	ug/l	99
79) 2-Chlorotoluene	13.129	91	304077	20.067	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	378448	20.642	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	33259	19.561	ug/l	90
82) 4-Chlorotoluene	13.129	91	304077	20.067	ug/l	99
83) tert-Butylbenzene	13.441	119	332582	20.396	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	378965	20.614	ug/l	98
85) sec-Butylbenzene	13.618	105	459129	20.291	ug/l	100
86) p-Isopropyltoluene	13.729	119	385454	20.716	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	191734	18.588	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	187016	19.122	ug/l	98
89) n-Butylbenzene	14.059	91	292786	19.823	ug/l	100
90) Hexachloroethane	14.335	117	66618	20.745	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	189182	18.414	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21976	20.095	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	79096	16.823	ug/l	97
94) Hexachlorobutadiene	15.500	225	49565	18.180	ug/l	98
95) Naphthalene	15.647	128	229981	16.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	91828	20.112	ug/l	98

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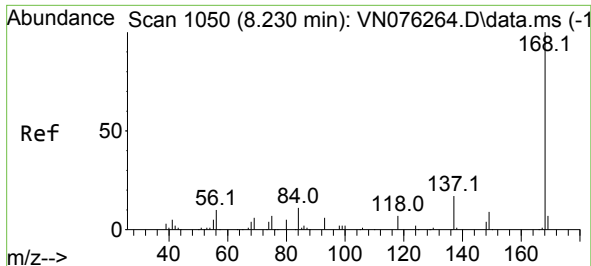
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QLast Update : Tue Jan 17 03:59:22 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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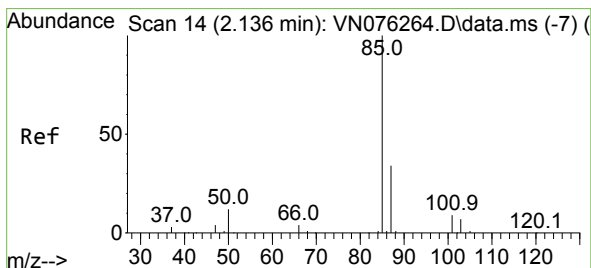
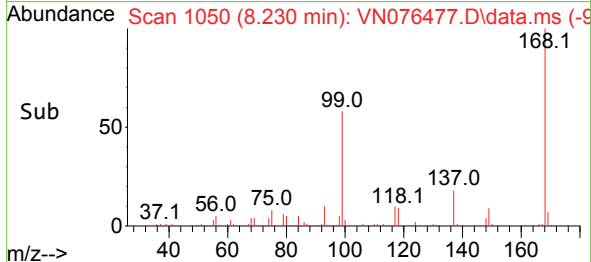
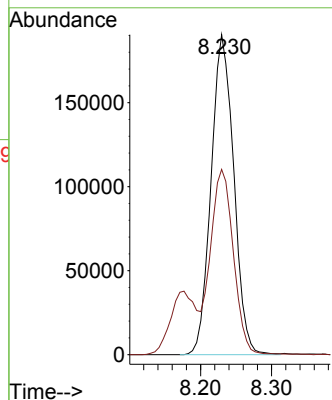
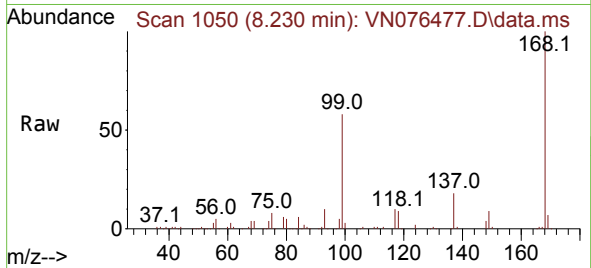




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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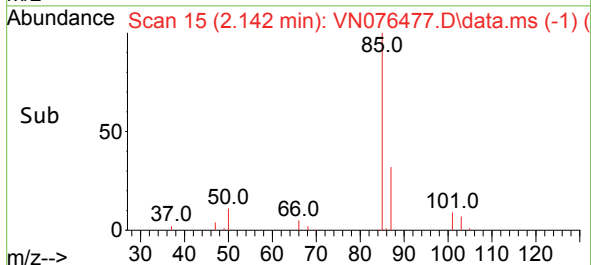
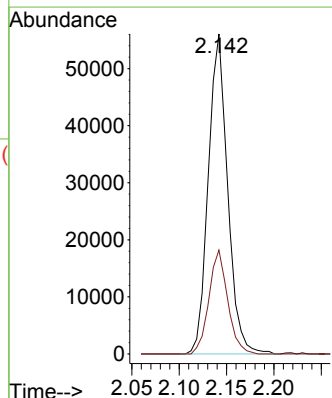
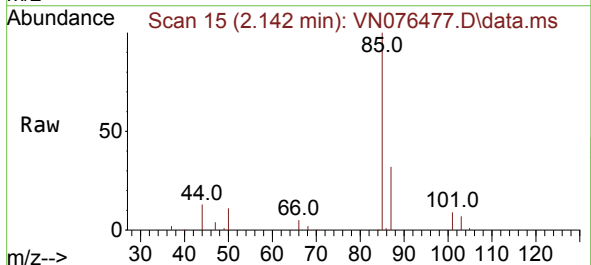
Instrument :
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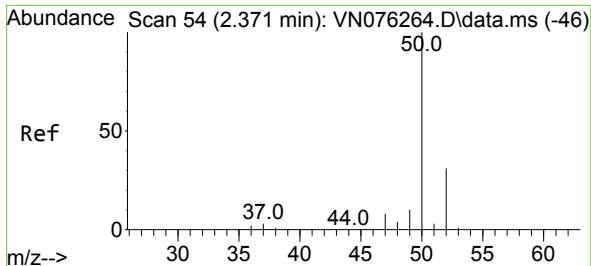
Tgt Ion:168 Resp: 421506
Ion Ratio Lower Upper
168 100
99 57.6 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 18.399 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 85 Resp: 79474
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.2

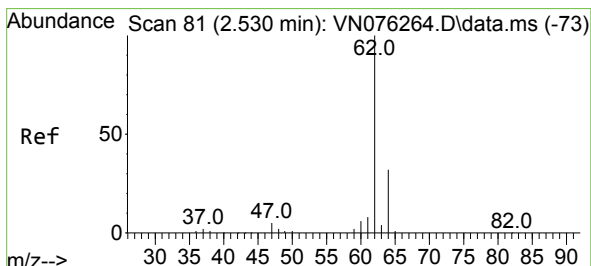
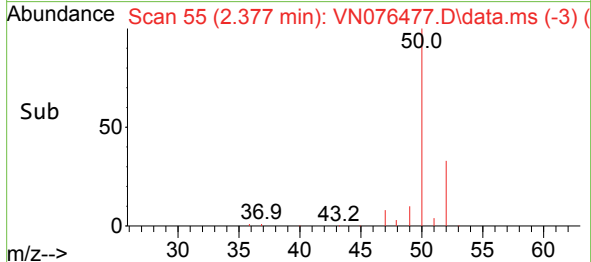
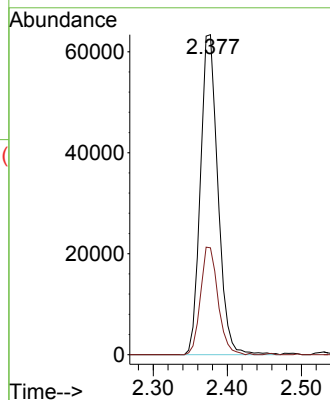
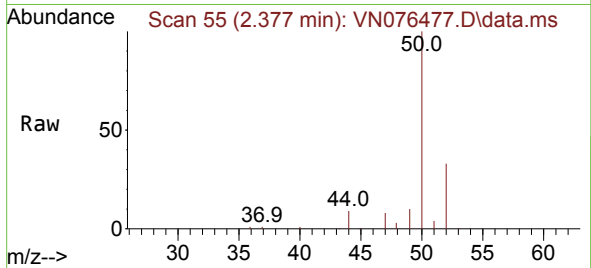




#3
Chloromethane
Concen: 23.231 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

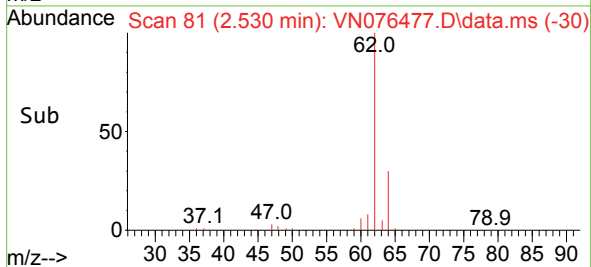
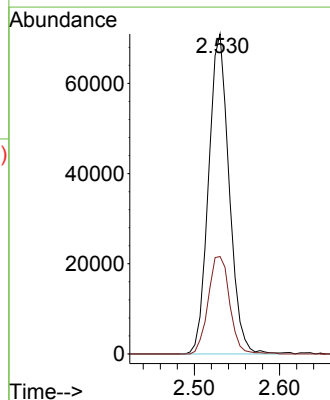
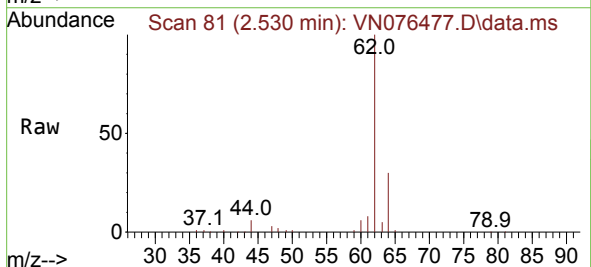
Instrument :
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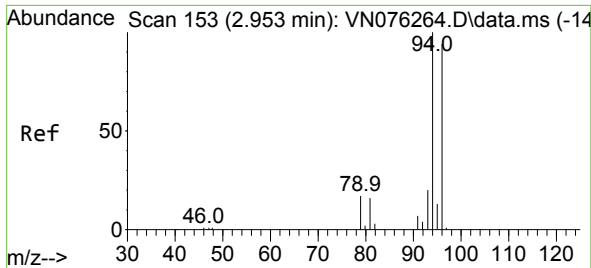
Tgt Ion: 50 Resp: 103892
Ion Ratio Lower Upper
50 100
52 33.4 24.8 37.2



#4
Vinyl Chloride
Concen: 21.666 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 62 Resp: 118811
Ion Ratio Lower Upper
62 100
64 30.5 25.8 38.6

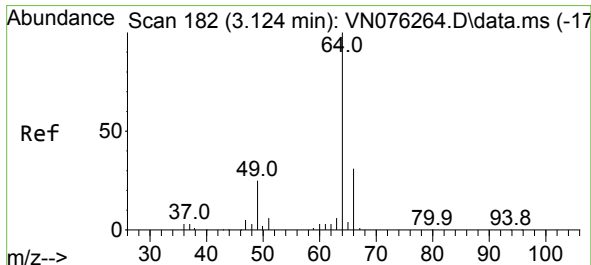
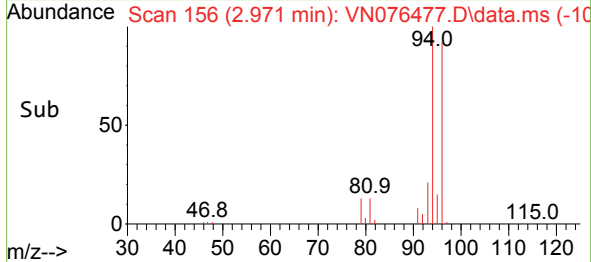
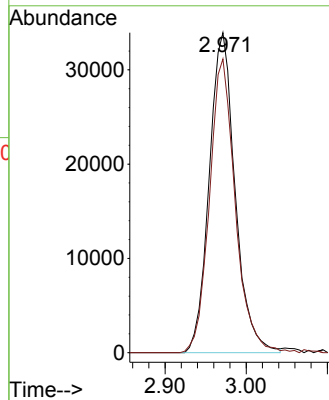
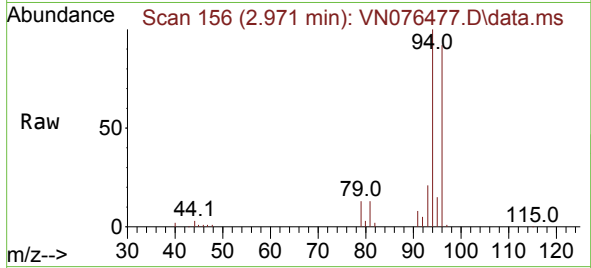




#5
Bromomethane
Concen: 16.747 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

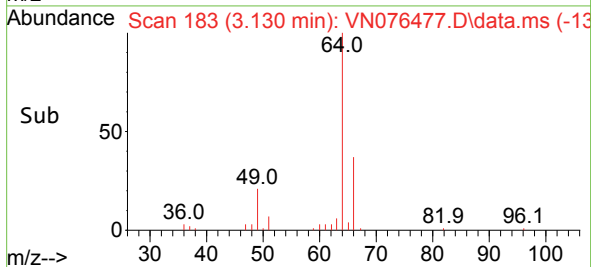
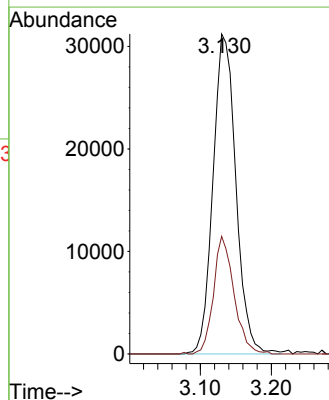
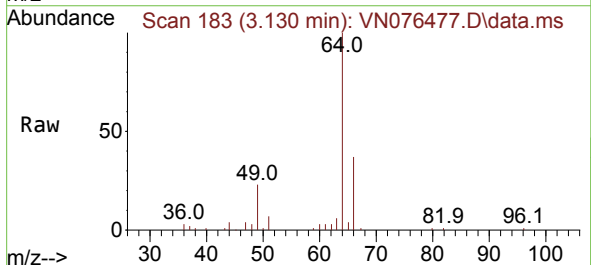
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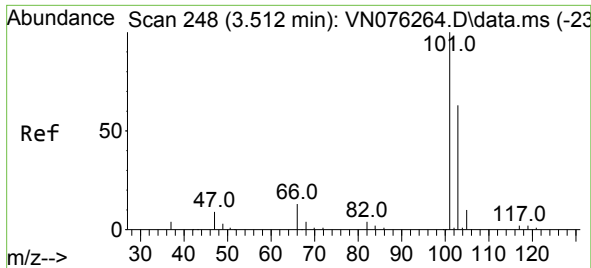
Tgt Ion: 94 Resp: 75207
Ion Ratio Lower Upper
94 100
96 91.8 75.1 112.7



#6
Chloroethane
Concen: 16.958 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076477.D
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Tgt Ion: 64 Resp: 69730
Ion Ratio Lower Upper
64 100
66 36.8 24.8 37.2

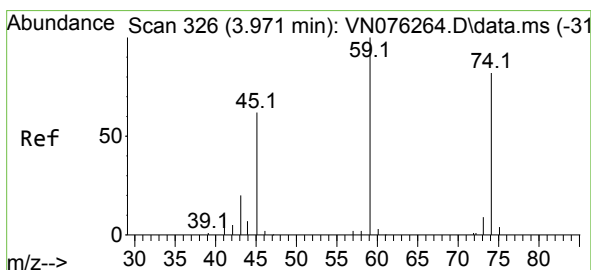
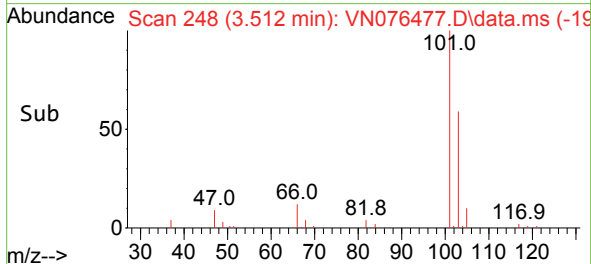
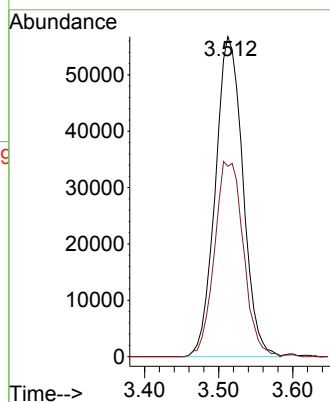
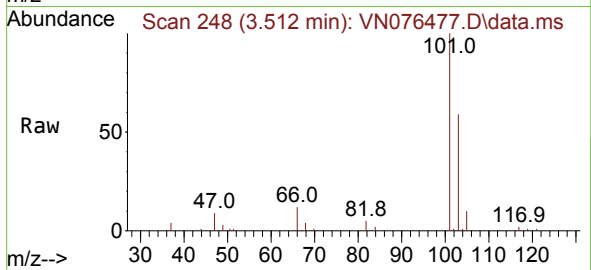




#7
 Trichlorofluoromethane
 Concen: 19.406 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076477.D
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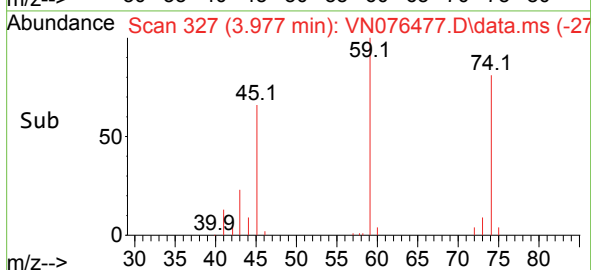
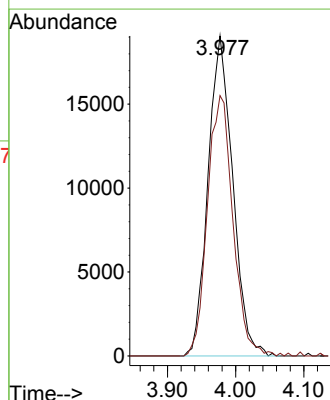
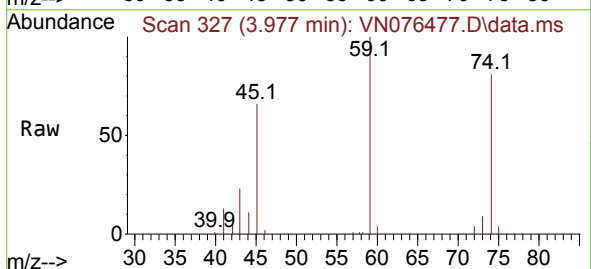
Instrument :
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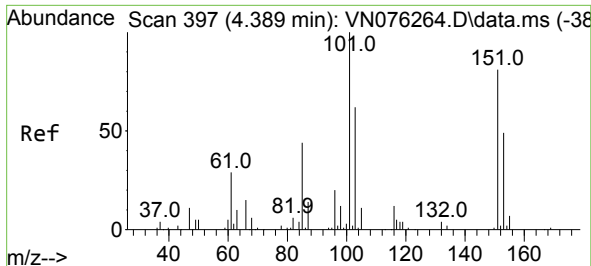
Tgt Ion:101 Resp: 146403
 Ion Ratio Lower Upper
 101 100
 103 59.5 50.2 75.4



#8
 Diethyl Ether
 Concen: 18.986 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 48042
 Ion Ratio Lower Upper
 74 100
 45 84.0 37.8 113.3

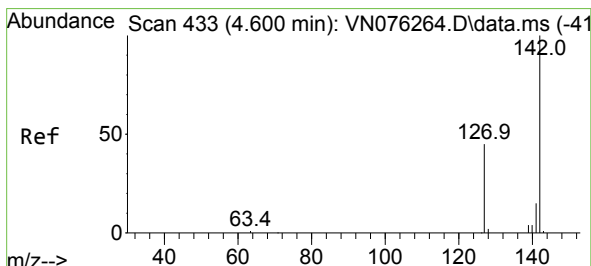
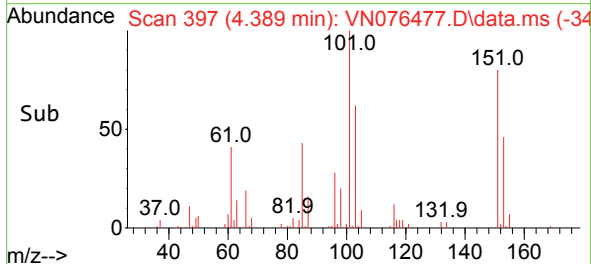
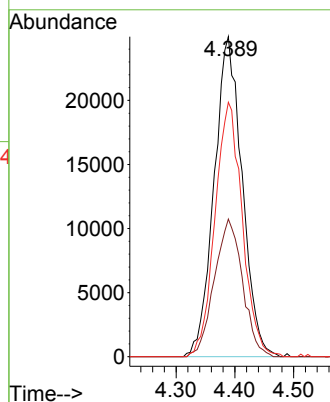
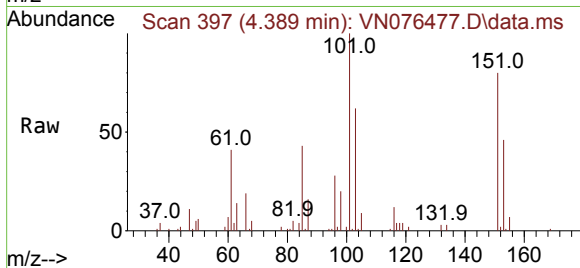




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.327 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

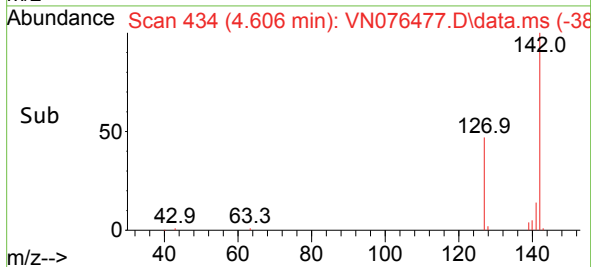
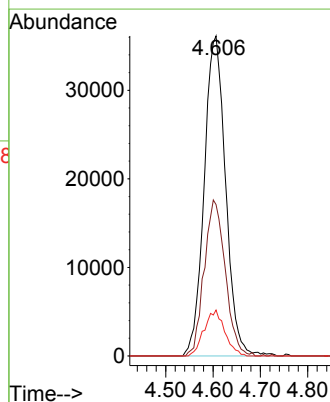
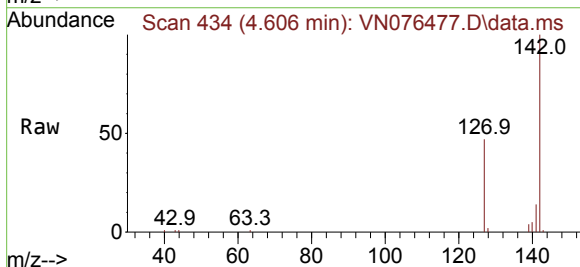
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

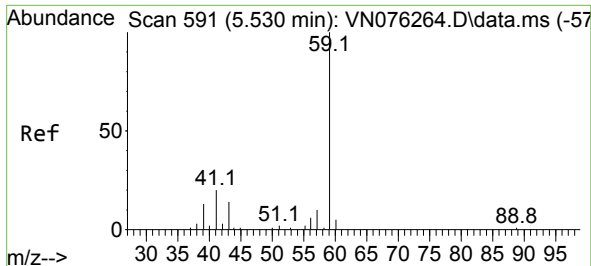
Tgt Ion:101 Resp: 82542
Ion Ratio Lower Upper
101 100
85 43.3 35.5 53.3
151 77.5 65.5 98.3



#10
Methyl Iodide
Concen: 17.432 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion:142 Resp: 113719
Ion Ratio Lower Upper
142 100
127 47.8 35.0 52.4
141 13.9 11.5 17.3

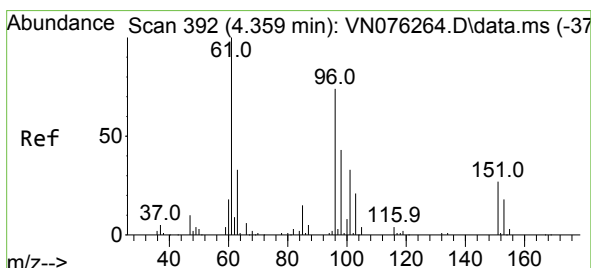
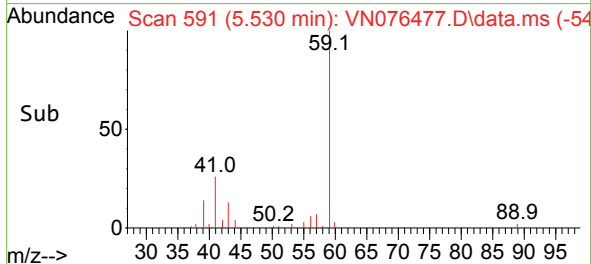
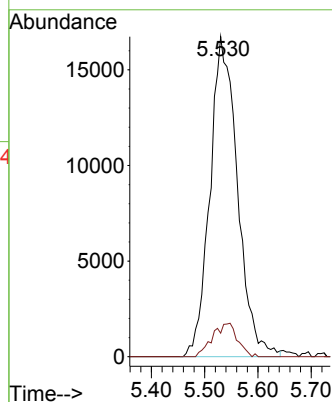
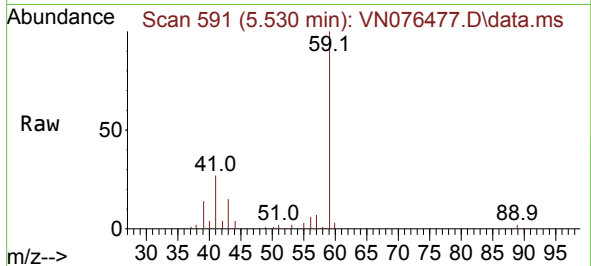




#11
Tert butyl alcohol
Concen: 95.185 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

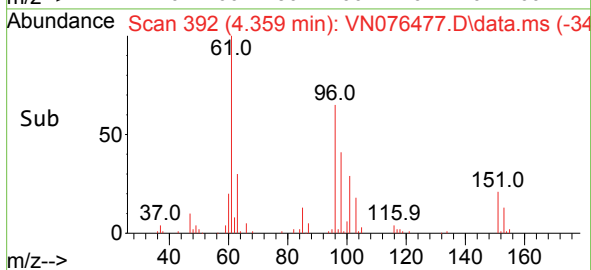
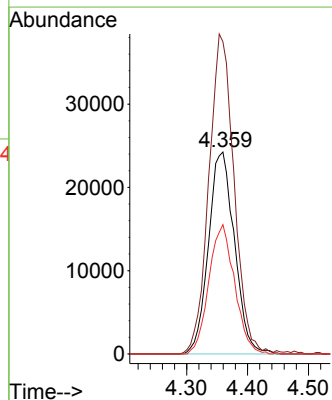
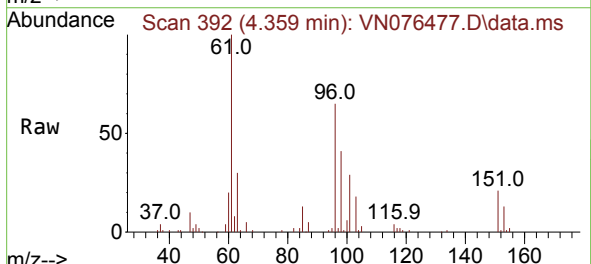
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

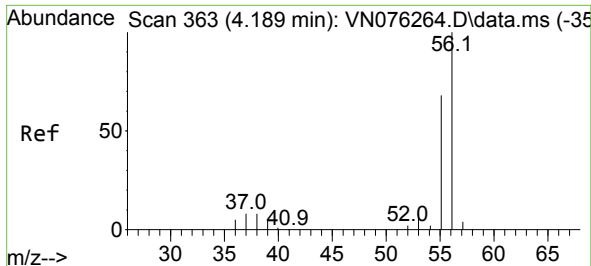
Tgt Ion: 59 Resp: 60087
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 17.842 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 96 Resp: 72032
Ion Ratio Lower Upper
96 100
61 154.6 108.2 162.4
98 64.0 47.0 70.6





#13

Acrolein

Concen: 81.850 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

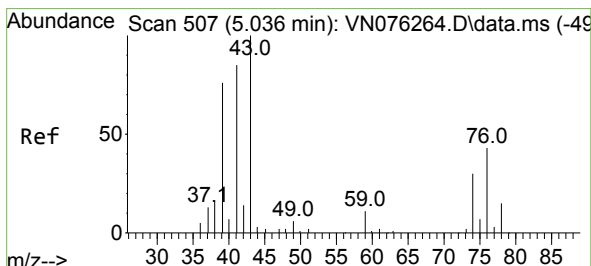
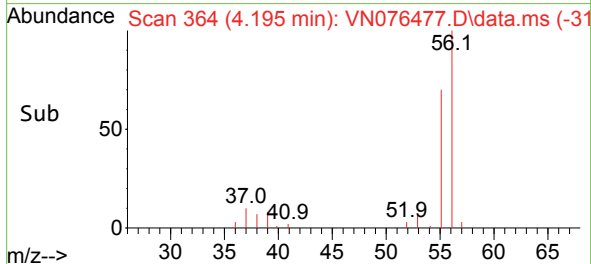
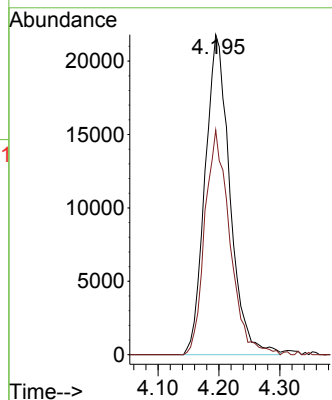
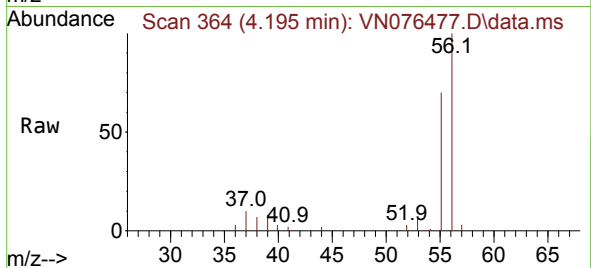
VN0131WBS01

Tgt Ion: 56 Resp: 61792

Ion Ratio Lower Upper

56 100

55 70.6 55.8 83.6



#14

Allyl chloride

Concen: 20.858 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

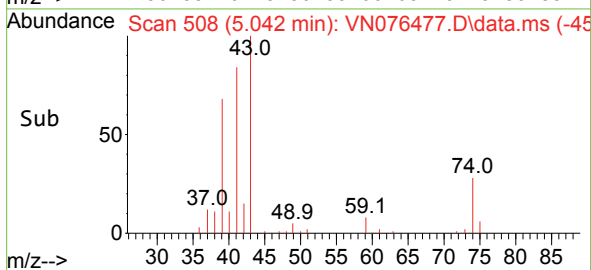
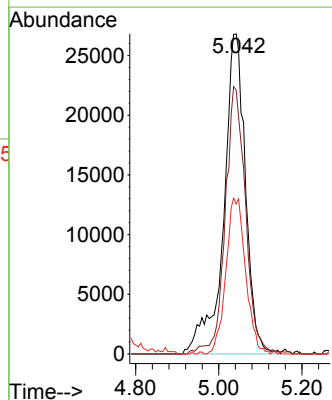
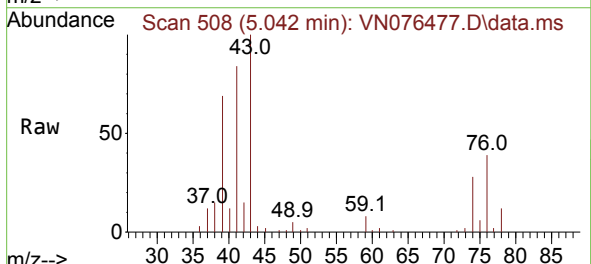
Tgt Ion: 41 Resp: 98131

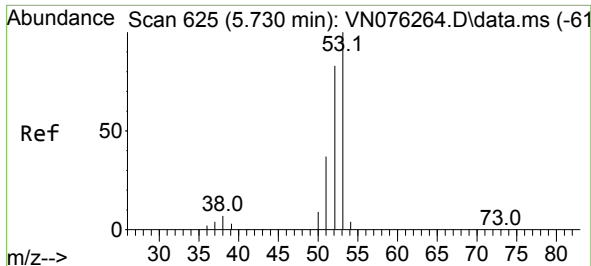
Ion Ratio Lower Upper

41 100

39 77.2 67.4 101.0

76 43.8 39.8 59.8

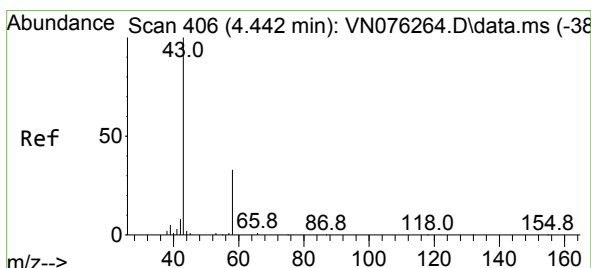
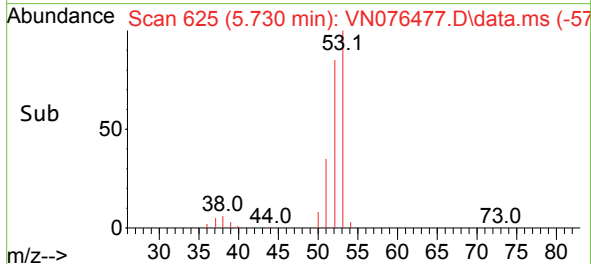
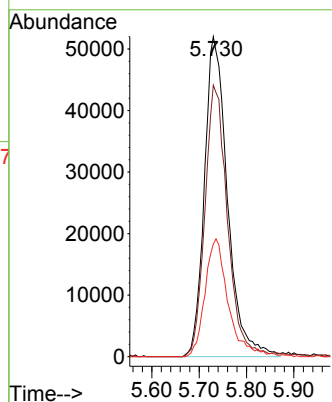
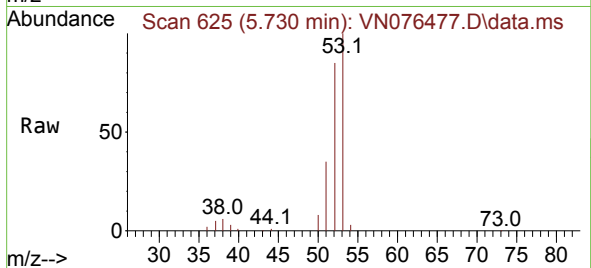




#15
Acrylonitrile
Concen: 97.995 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

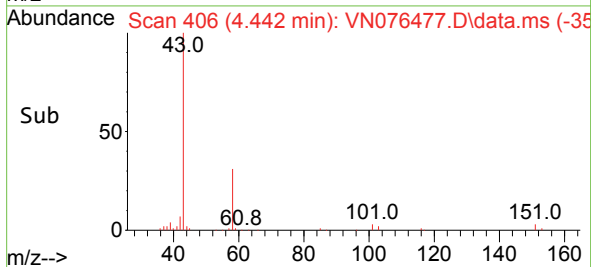
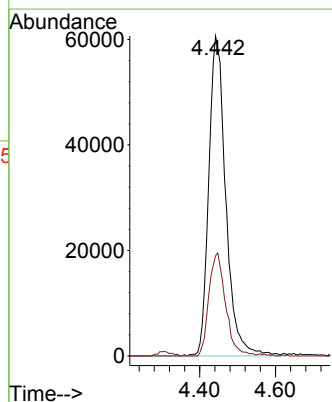
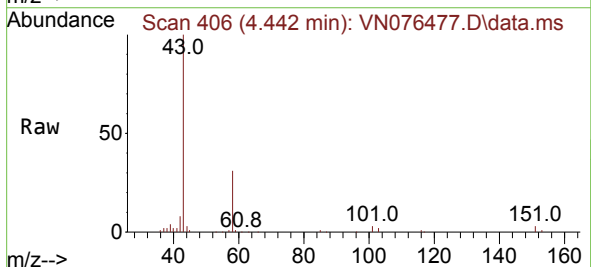
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

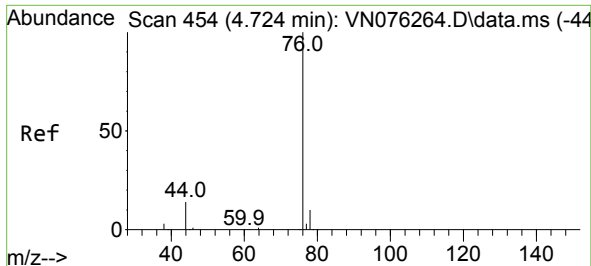
Tgt Ion: 53 Resp: 176037
Ion Ratio Lower Upper
53 100
52 82.6 64.7 97.1
51 37.2 29.2 43.8



#16
Acetone
Concen: 124.703 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 43 Resp: 188724
Ion Ratio Lower Upper
43 100
58 31.3 26.7 40.1

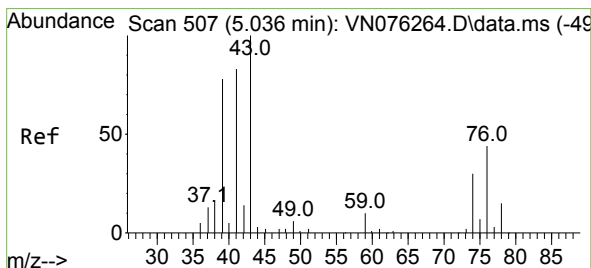
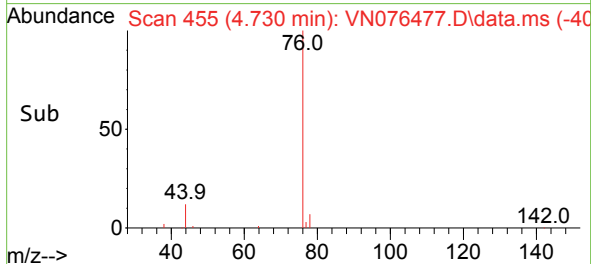
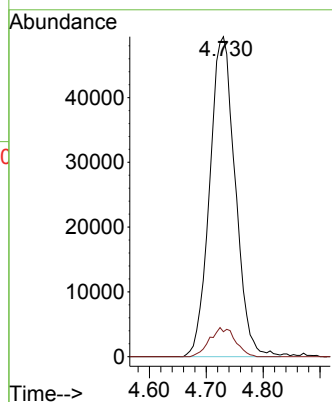
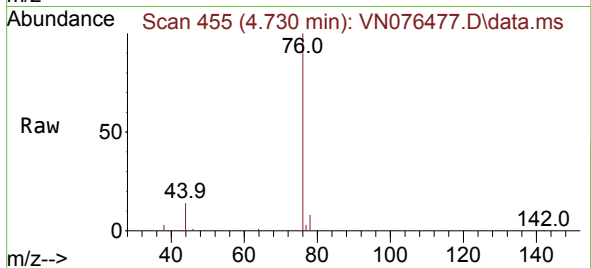




#17
Carbon Disulfide
Concen: 15.328 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

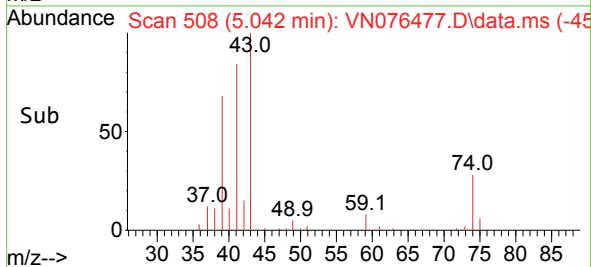
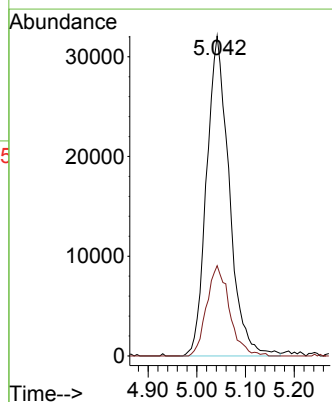
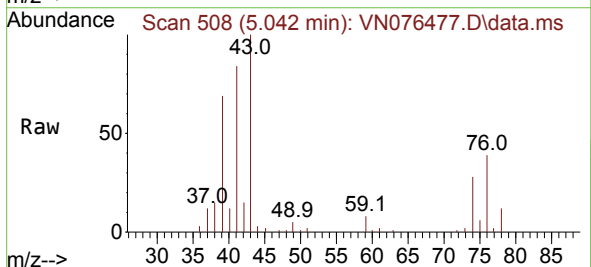
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

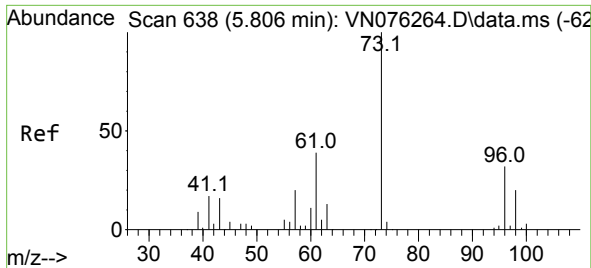
Tgt Ion: 76 Resp: 154083
Ion Ratio Lower Upper
76 100
78 7.8 8.0 12.0#



#18
Methyl Acetate
Concen: 20.176 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 43 Resp: 103447
Ion Ratio Lower Upper
43 100
74 28.5 23.3 34.9

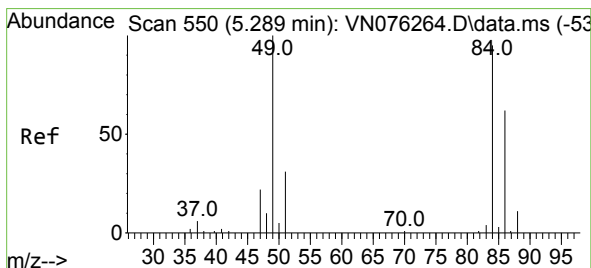
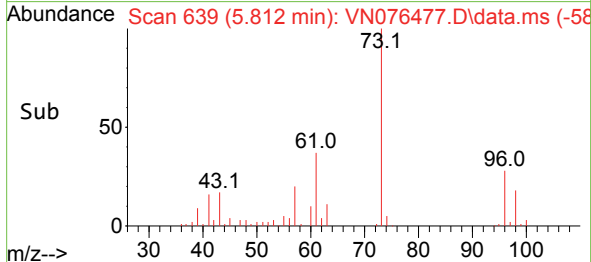
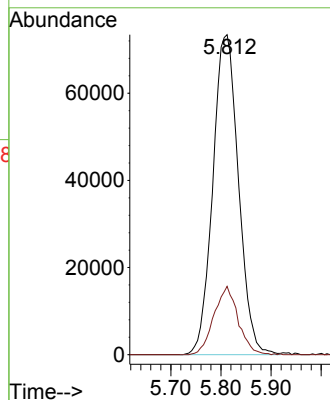
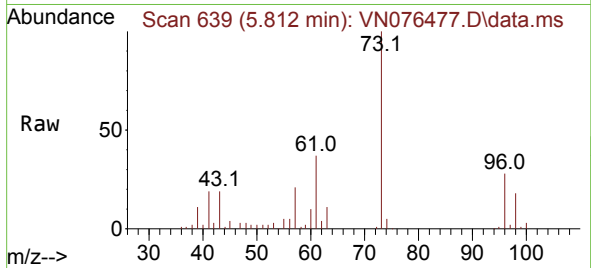




#19
Methyl tert-butyl Ether
Concen: 19.879 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

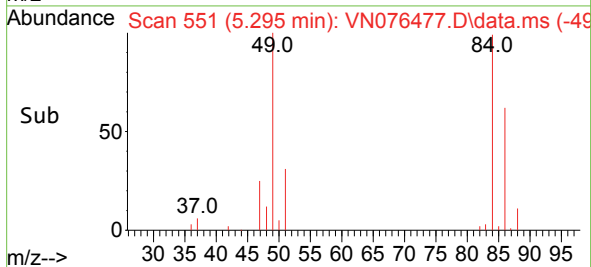
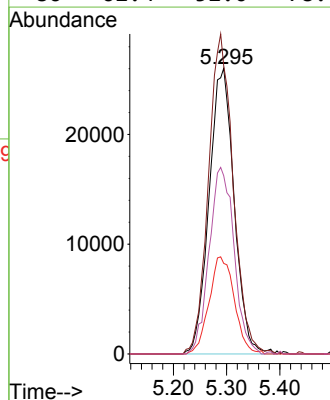
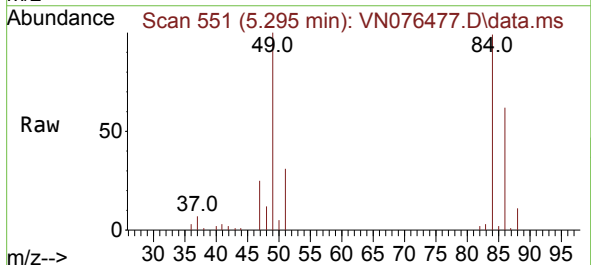
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

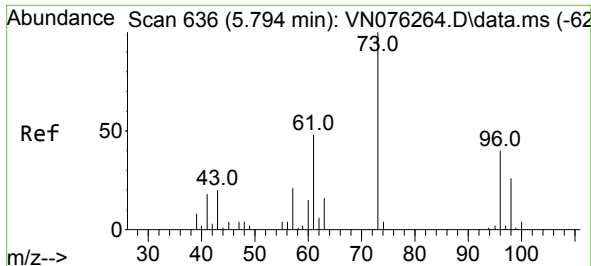
Tgt Ion: 73 Resp: 261274
Ion Ratio Lower Upper
73 100
57 21.3 15.9 23.9



#20
Methylene Chloride
Concen: 18.627 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 84 Resp: 85082
Ion Ratio Lower Upper
84 100
49 100.9 84.5 126.7
51 31.7 26.0 39.0
86 62.4 52.0 78.0

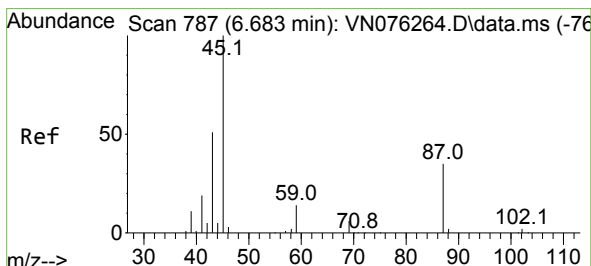
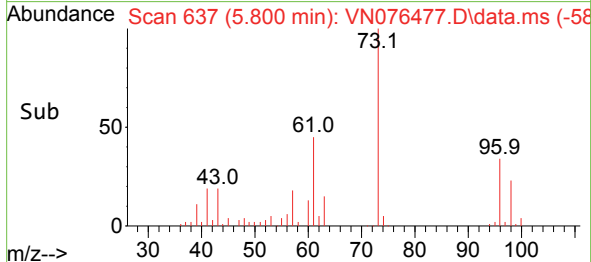
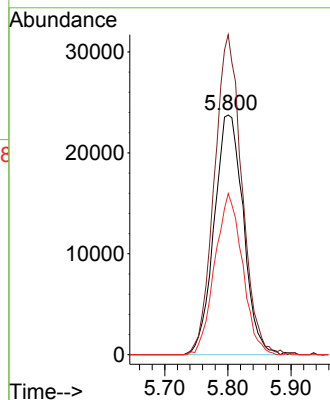
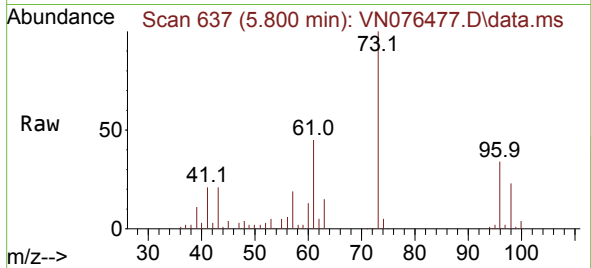




#21
trans-1,2-Dichloroethene
Concen: 17.404 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

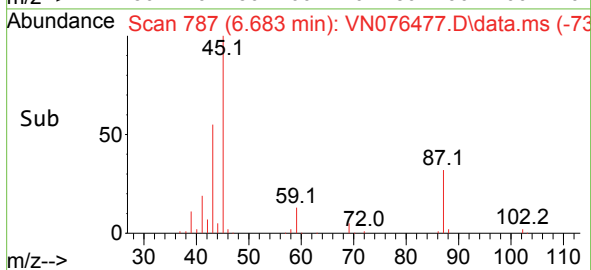
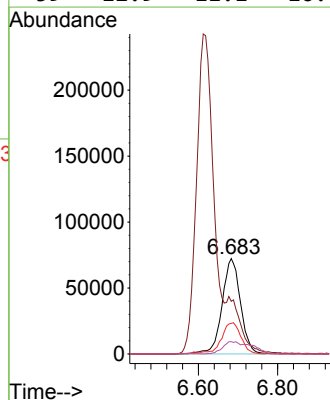
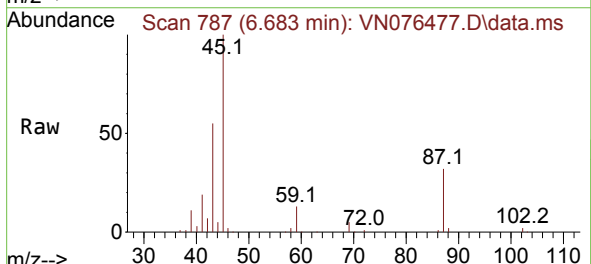
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

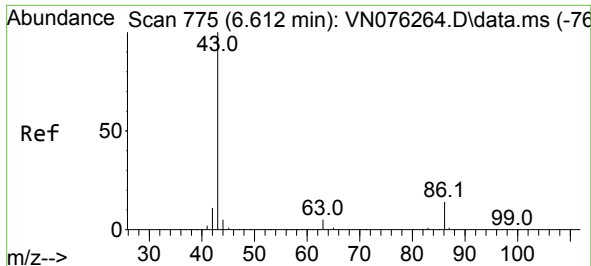
Tgt Ion: 96 Resp: 76119
Ion Ratio Lower Upper
96 100
61 133.5 97.0 145.4
98 67.2 51.9 77.9



#22
Diisopropyl ether
Concen: 21.026 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 45 Resp: 233285
Ion Ratio Lower Upper
45 100
43 54.4 44.4 66.6
87 32.1 28.4 42.6
59 12.9 11.1 16.7

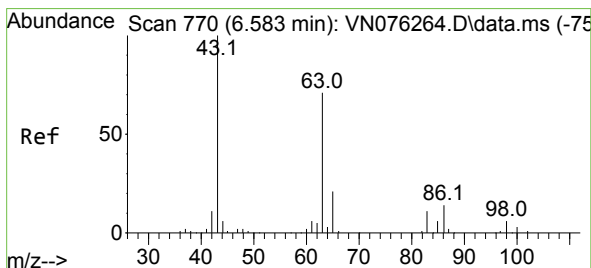
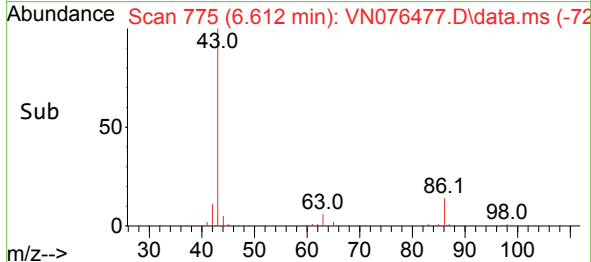
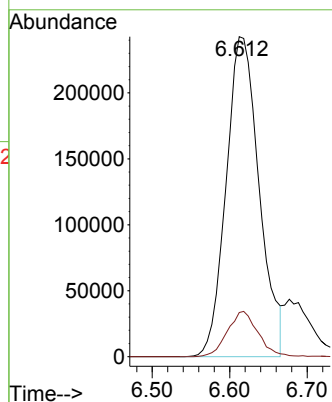
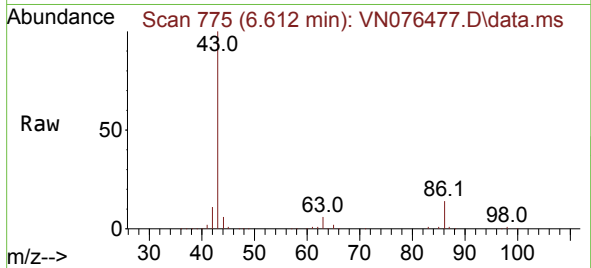




#23
 Vinyl Acetate
 Concen: 100.540 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

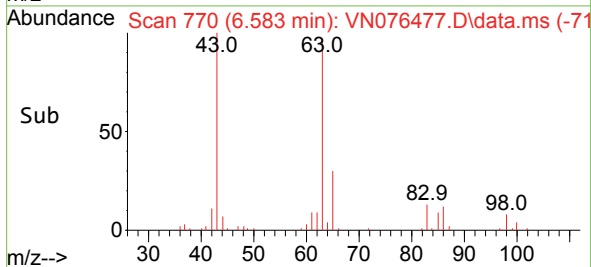
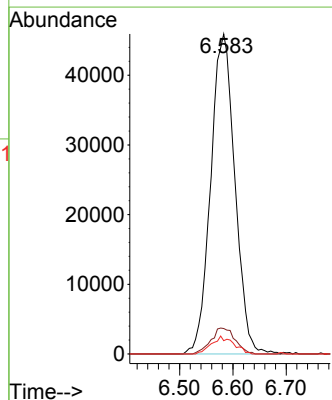
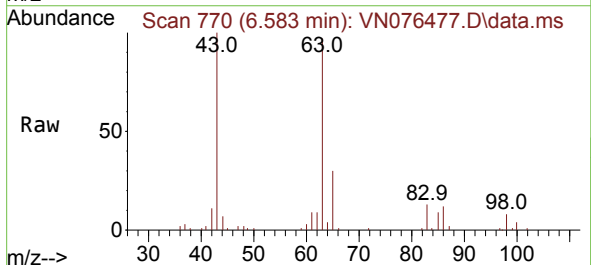
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

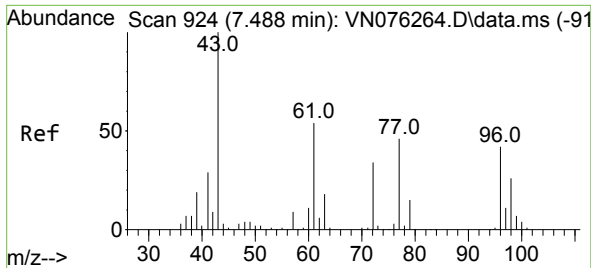
Tgt Ion: 43 Resp: 720944
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.581 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

Tgt Ion: 63 Resp: 144817
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 4.1 2.2 6.6

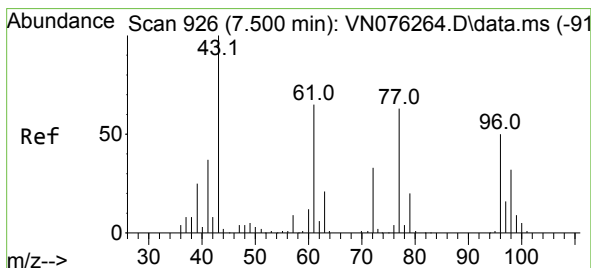
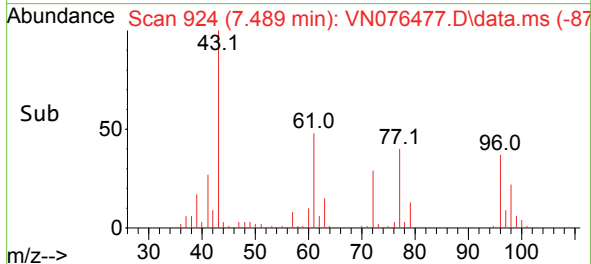
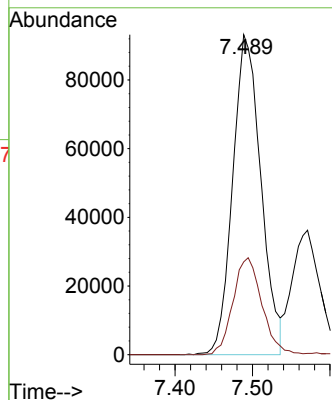
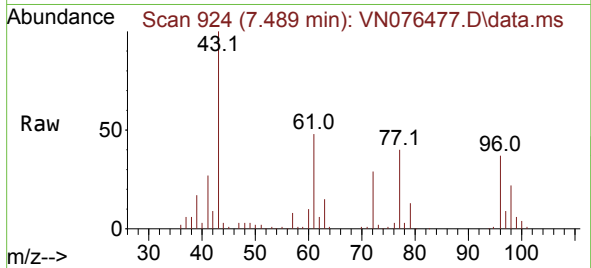




#25
2-Butanone
Concen: 102.045 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

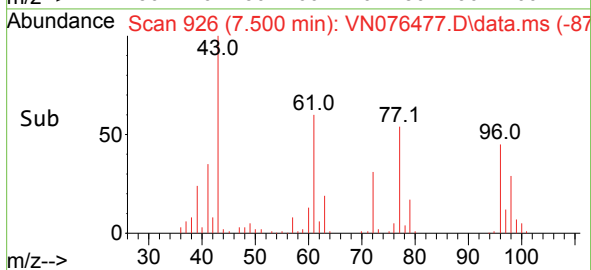
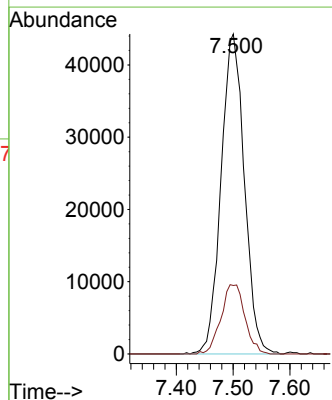
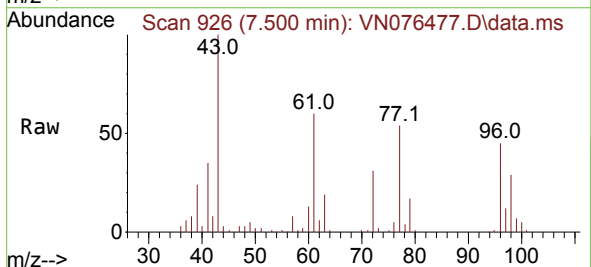
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

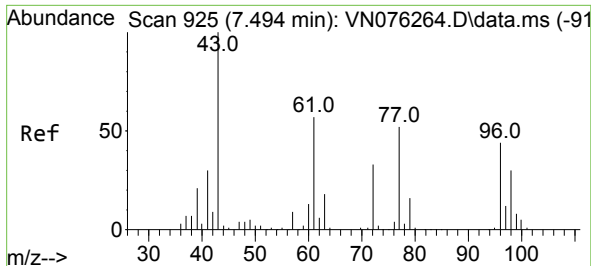
Tgt Ion: 43 Resp: 235798
Ion Ratio Lower Upper
43 100
72 29.0 27.4 41.2



#26
2,2-Dichloropropane
Concen: 20.255 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 77 Resp: 126253
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 18.783 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

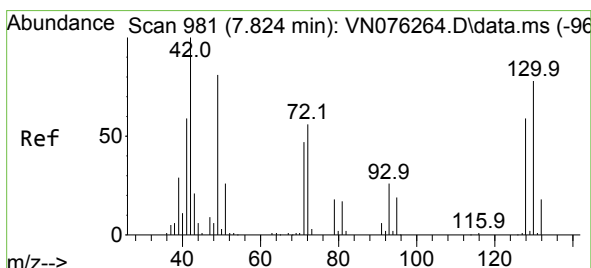
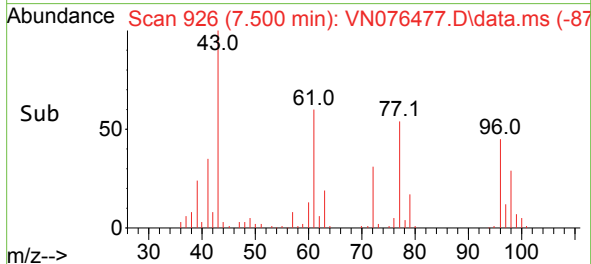
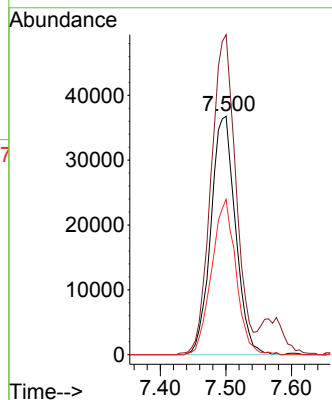
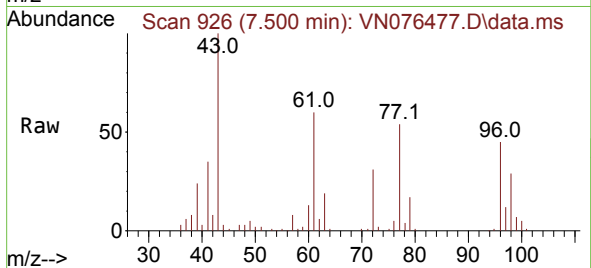
Tgt Ion: 96 Resp: 95816

Ion Ratio Lower Upper

96 100

61 135.2 0.0 259.6

98 64.3 0.0 129.4



#28

Bromochloromethane

Concen: 23.439 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

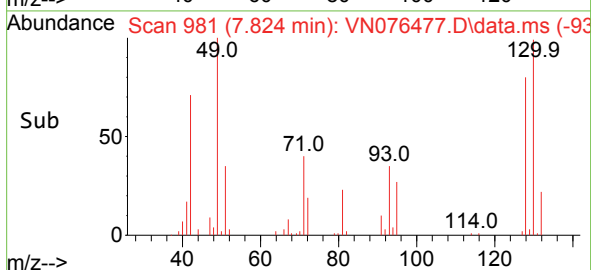
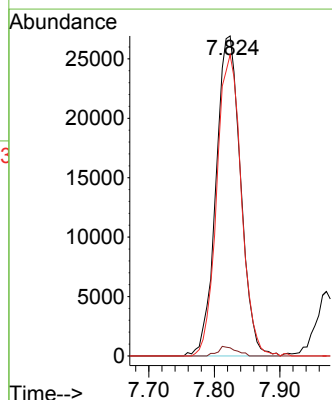
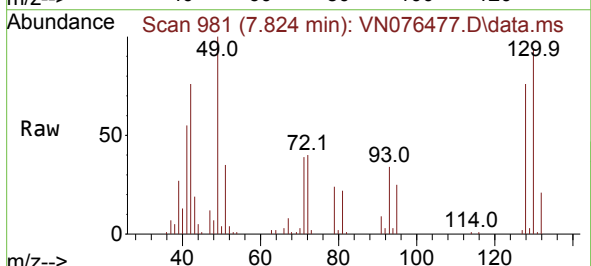
Tgt Ion: 49 Resp: 70261

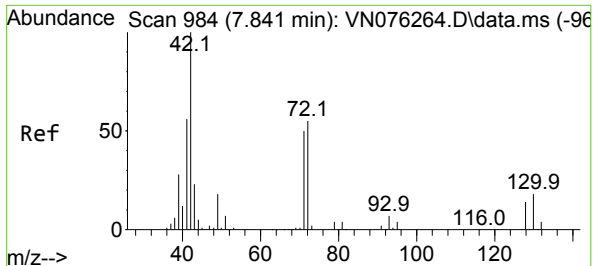
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.2

130 93.5 76.0 114.0

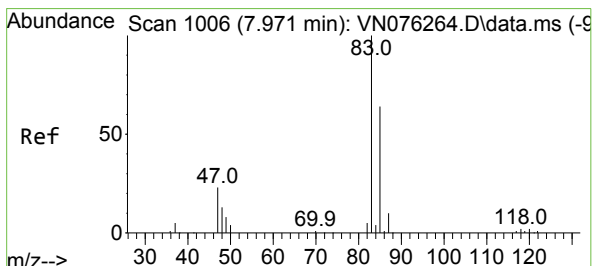
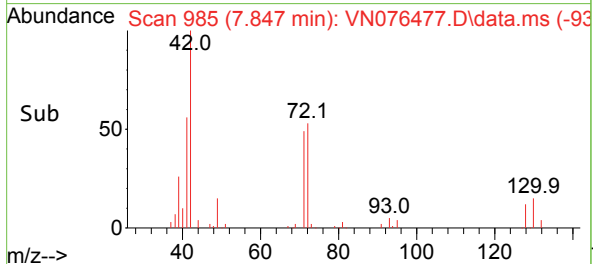
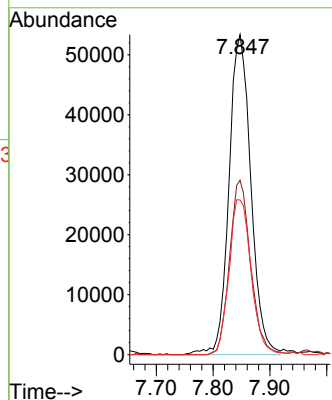
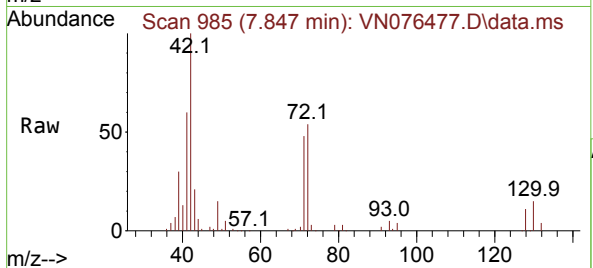




#29
Tetrahydrofuran
Concen: 100.073 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

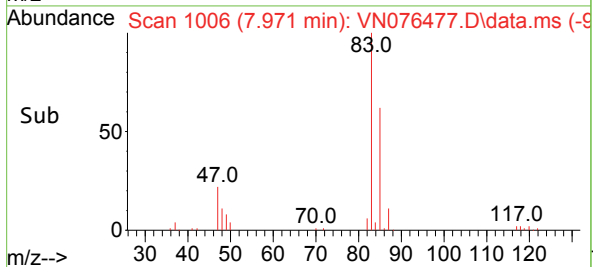
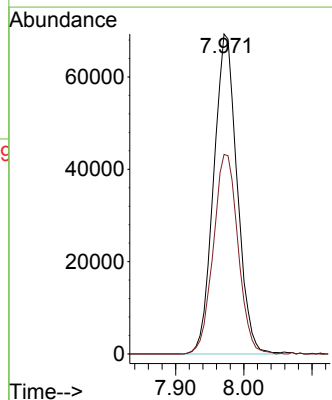
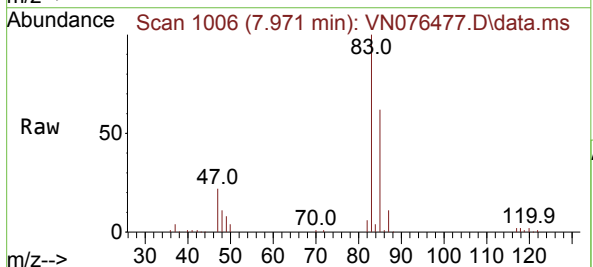
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

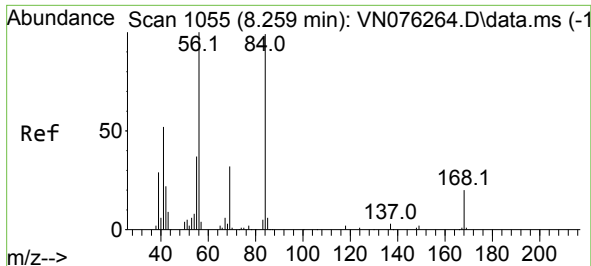
Tgt Ion: 42 Resp: 142718
Ion Ratio Lower Upper
42 100
72 52.7 44.0 66.0
71 48.9 41.1 61.7



#30
Chloroform
Concen: 20.306 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 83 Resp: 166175
Ion Ratio Lower Upper
83 100
85 62.3 51.0 76.6

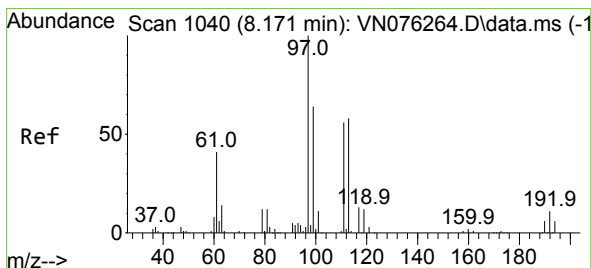
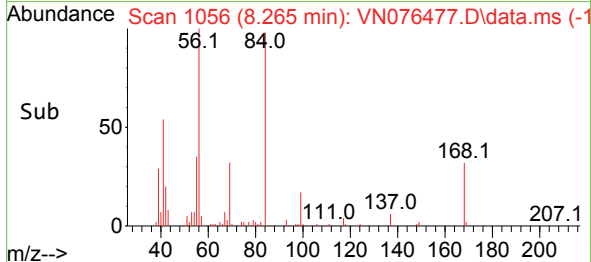
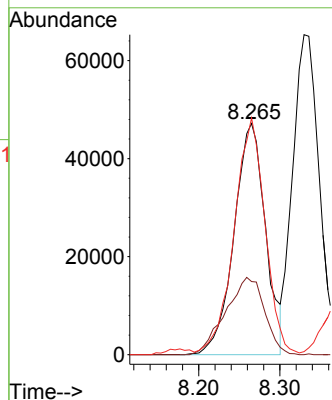
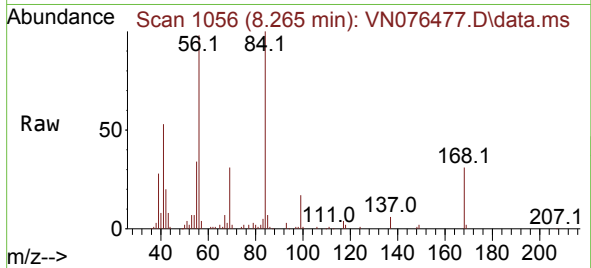




#31
Cyclohexane
Concen: 17.519 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

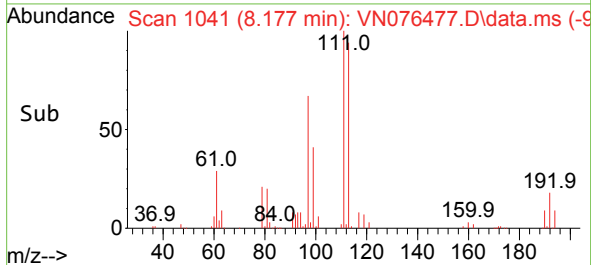
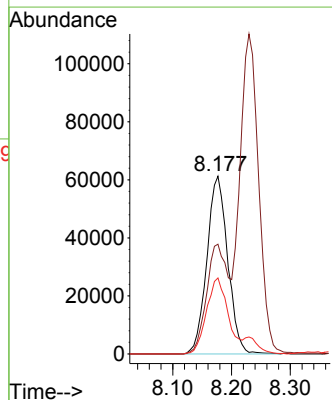
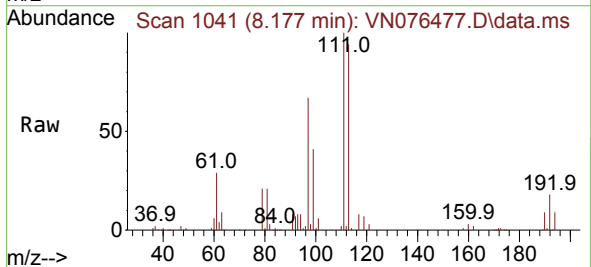
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

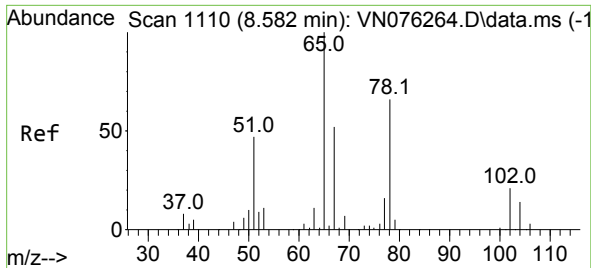
Tgt Ion: 56 Resp: 127010
Ion Ratio Lower Upper
56 100
69 31.6 25.8 38.8
84 100.0 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 20.255 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 97 Resp: 151330
Ion Ratio Lower Upper
97 100
99 64.9 55.0 82.4
61 44.5 36.2 54.4

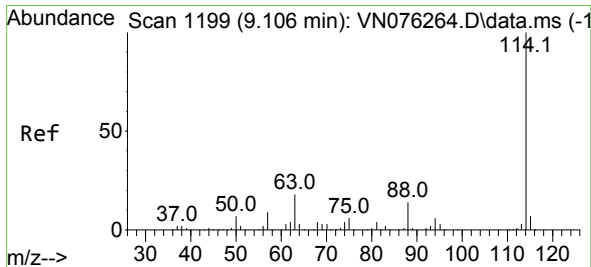
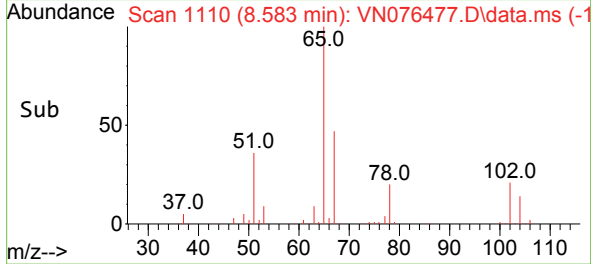
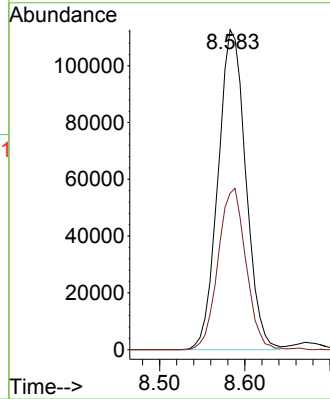
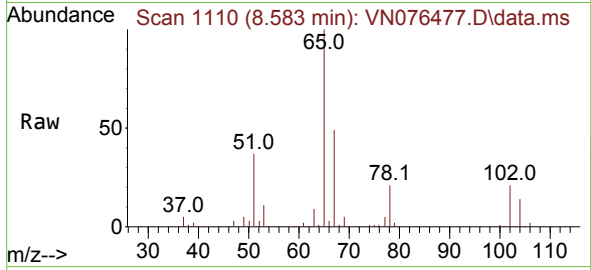




#33
 1,2-Dichloroethane-d4
 Concen: 54.073 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.001 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

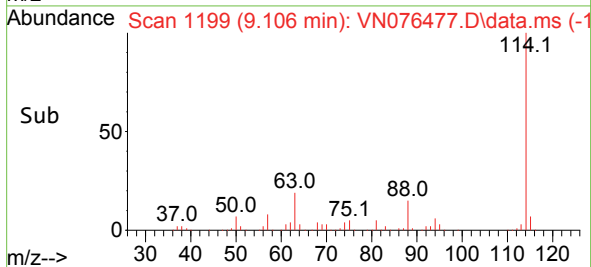
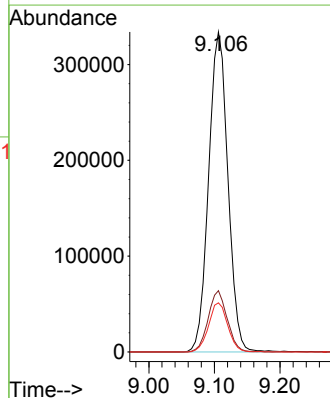
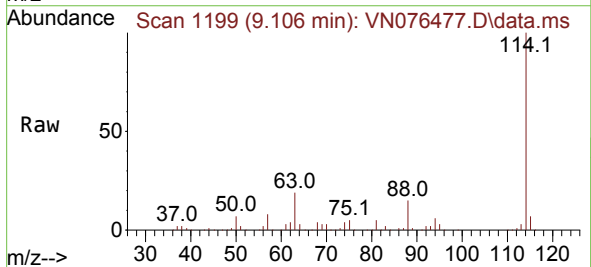
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

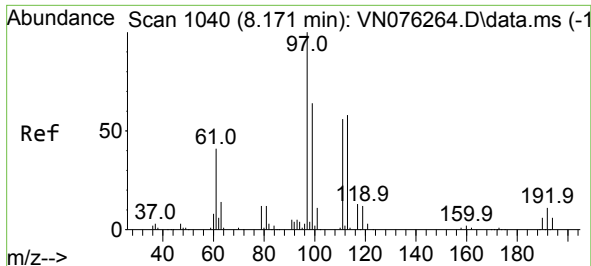
Tgt Ion: 65 Resp: 255198
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

Tgt Ion: 114 Resp: 682134
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.8
 88 15.3 0.0 28.0

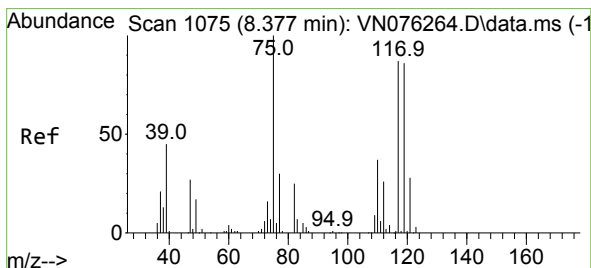
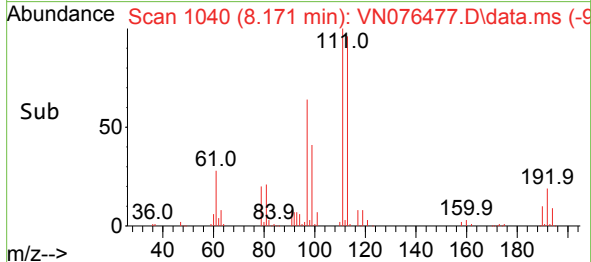
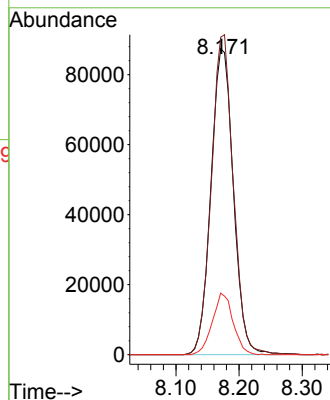
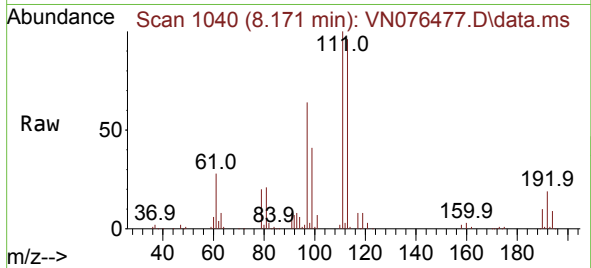




#35
Dibromofluoromethane
Concen: 50.545 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

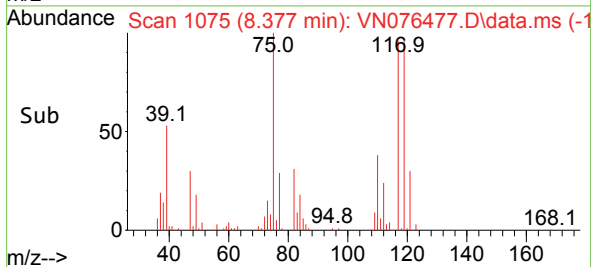
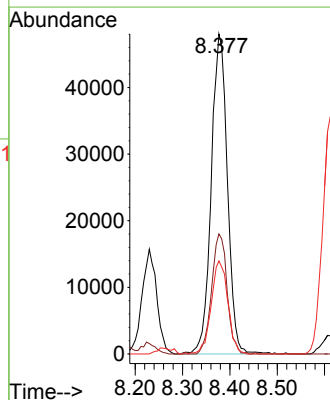
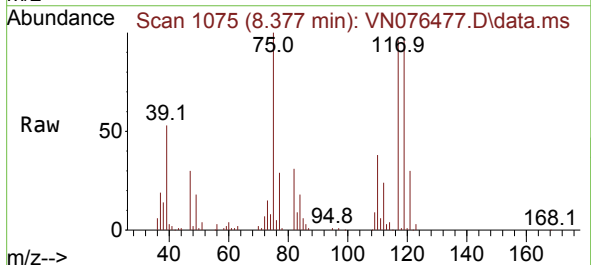
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

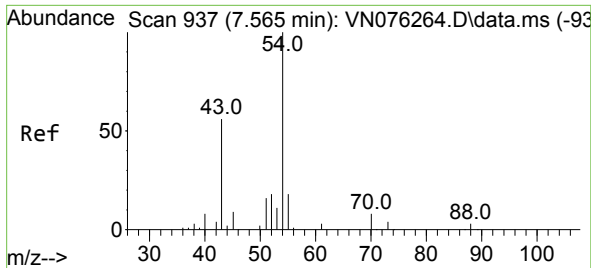
Tgt Ion:113 Resp: 215679
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 18.6 15.6 23.4



#36
1,1-Dichloropropene
Concen: 18.793 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 75 Resp: 113950
Ion Ratio Lower Upper
75 100
110 35.8 18.8 56.3
77 29.8 25.0 37.4

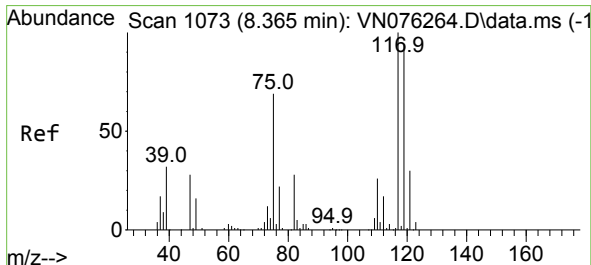
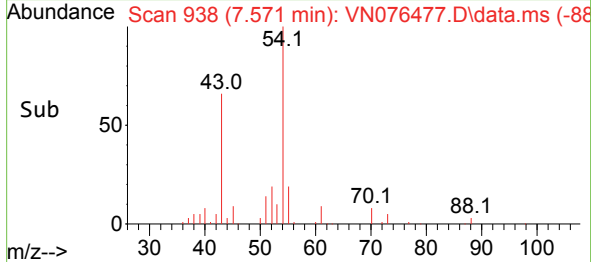
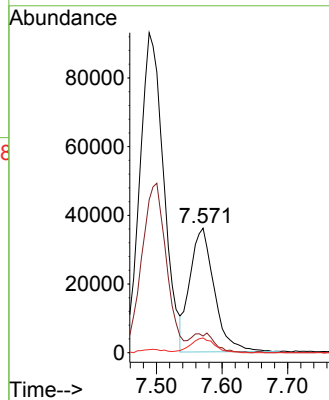
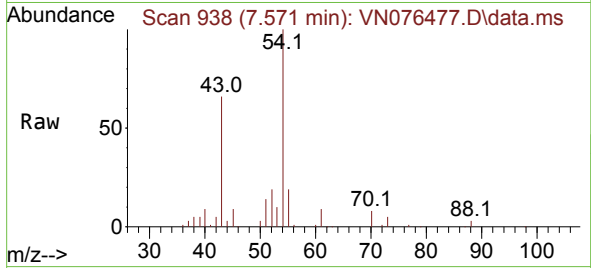




#37
Ethyl Acetate
Concen: 19.210 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

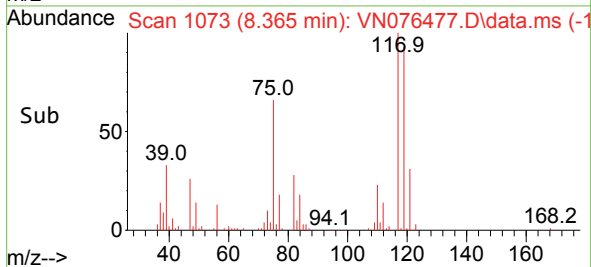
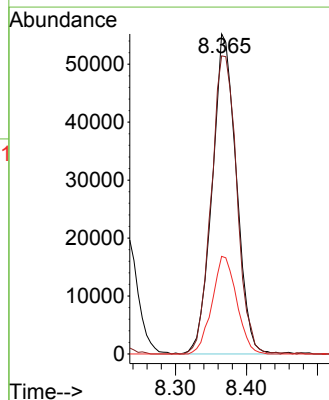
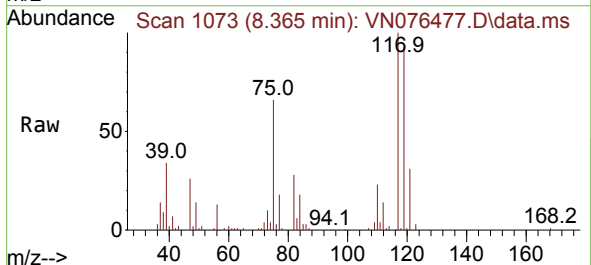
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

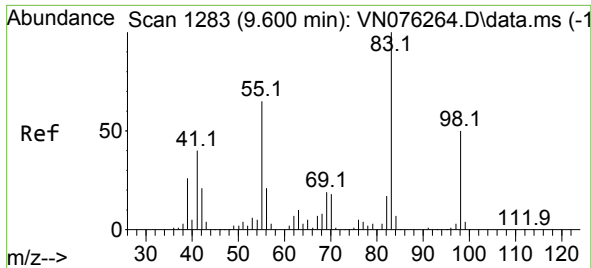
Tgt Ion: 43 Resp: 93315
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 11.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 19.281 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 117 Resp: 130370
Ion Ratio Lower Upper
117 100
119 93.1 75.4 113.0
121 30.5 24.2 36.2

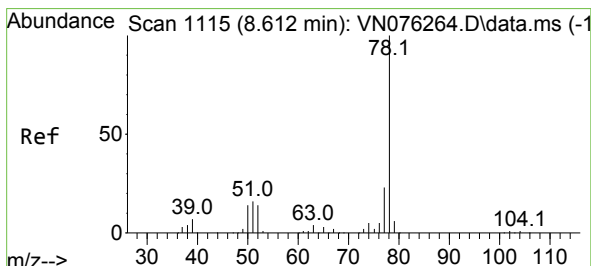
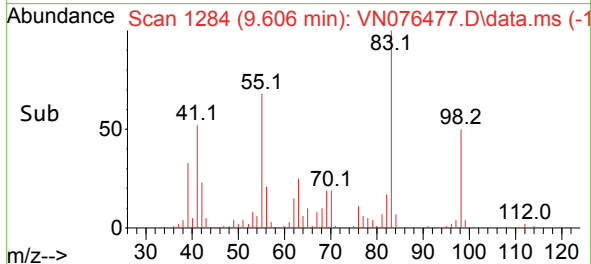
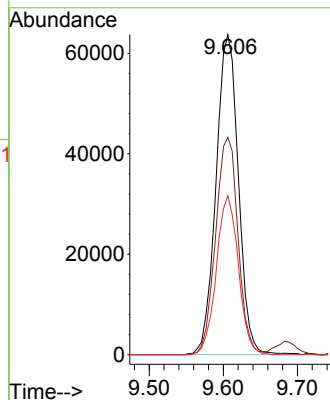
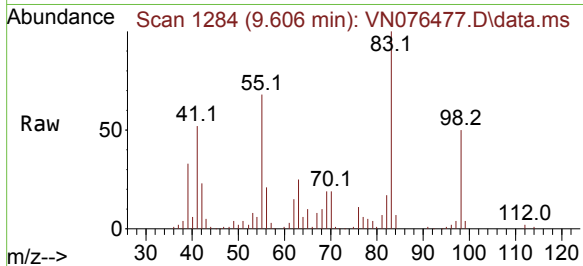




#39
Methylcyclohexane
Concen: 18.020 ug/l
RT: 9.606 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

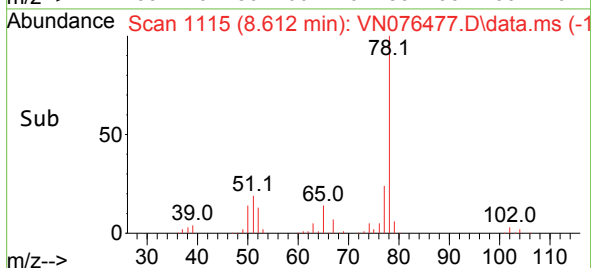
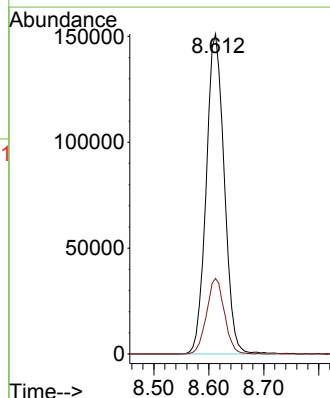
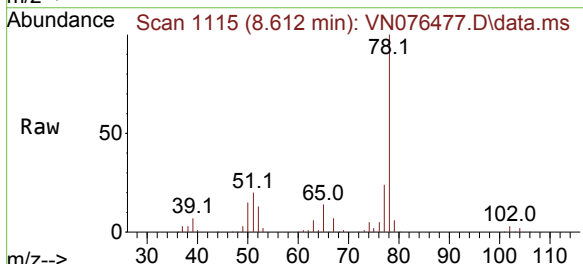
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

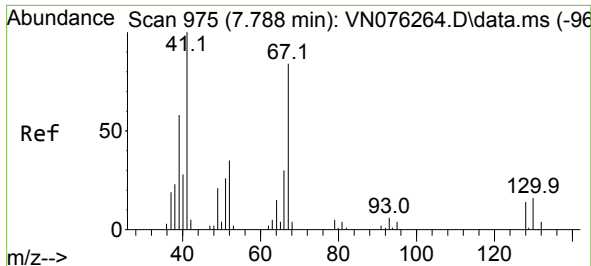
Tgt Ion: 83 Resp: 133427
Ion Ratio Lower Upper
83 100
55 67.9 51.7 77.5
98 49.7 40.0 60.0



#40
Benzene
Concen: 18.985 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 78 Resp: 344209
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0

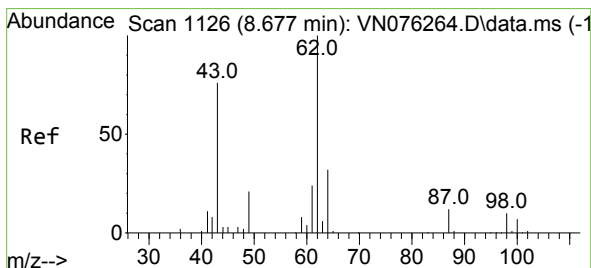
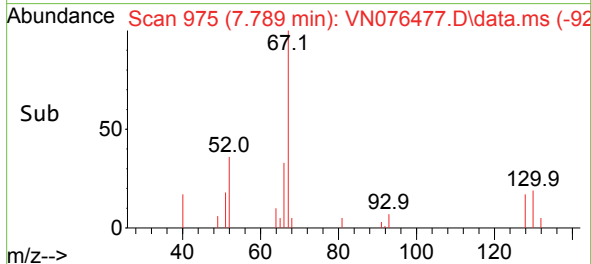
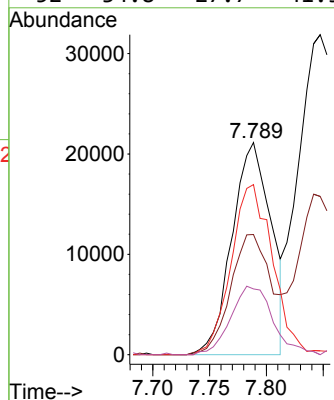
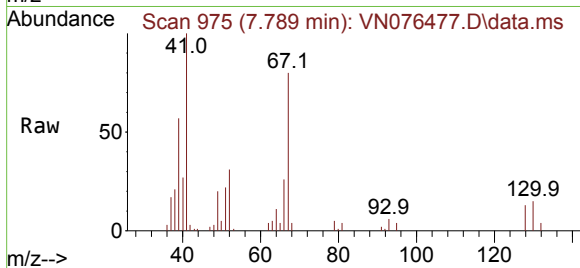




#41
Methacrylonitrile
Concen: 19.802 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

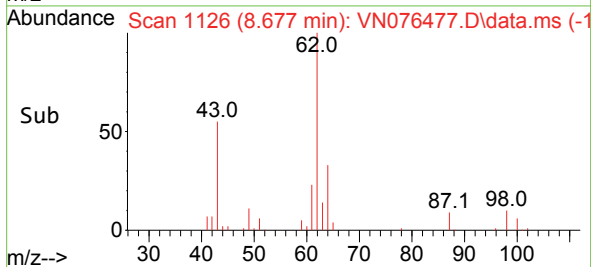
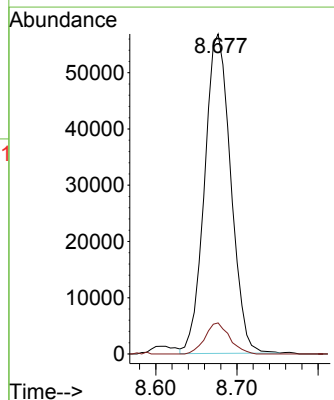
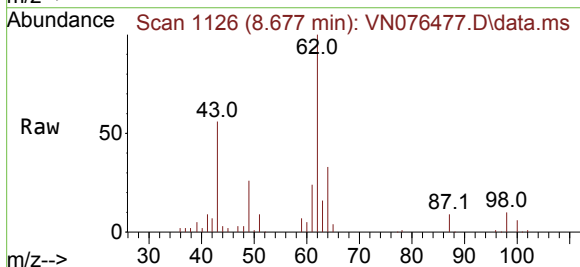
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

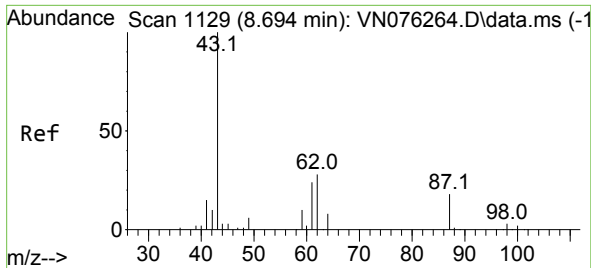
Tgt Ion:	41	Resp:	50424
Ion	Ratio	Lower	Upper
41	100		
39	58.7	42.4	63.6
67	86.4	68.8	103.2
52	34.8	27.7	41.5



#42
1,2-Dichloroethane
Concen: 20.506 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion:	62	Resp:	127204
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.4

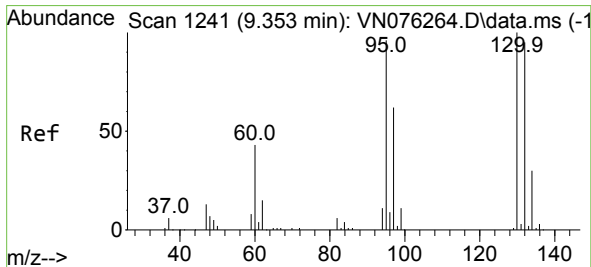
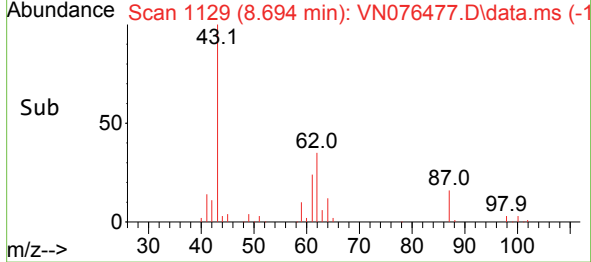
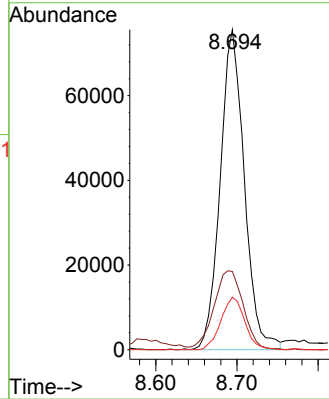
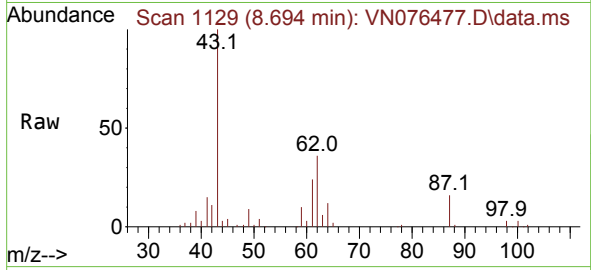




#43
Isopropyl Acetate
Concen: 19.754 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

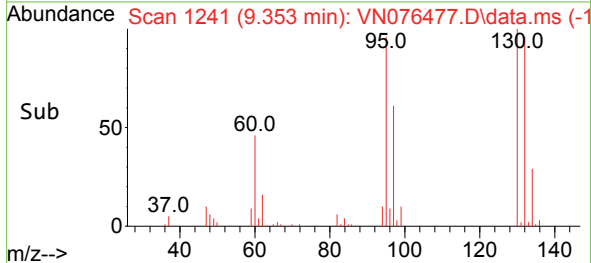
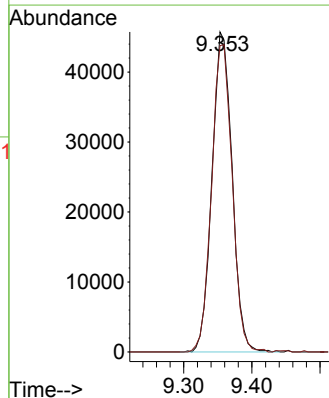
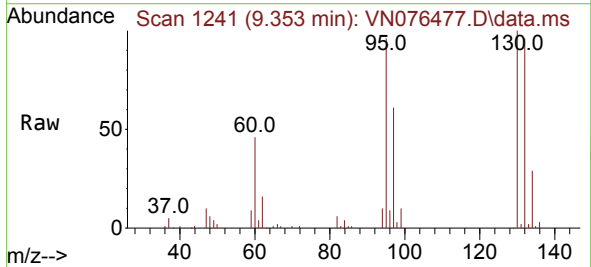
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

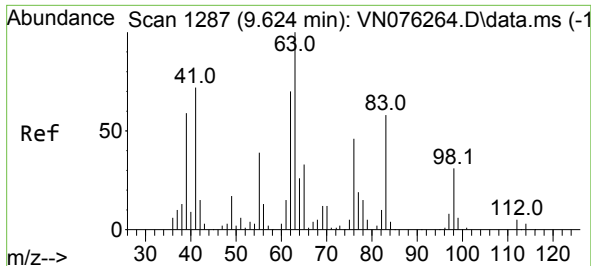
Tgt Ion: 43 Resp: 156286
Ion Ratio Lower Upper
43 100
61 30.0 23.5 35.3
87 16.2 13.8 20.6



#44
Trichloroethene
Concen: 18.294 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion:130 Resp: 93810
Ion Ratio Lower Upper
130 100
95 95.8 0.0 192.0





#45

1,2-Dichloropropane

Concen: 19.721 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

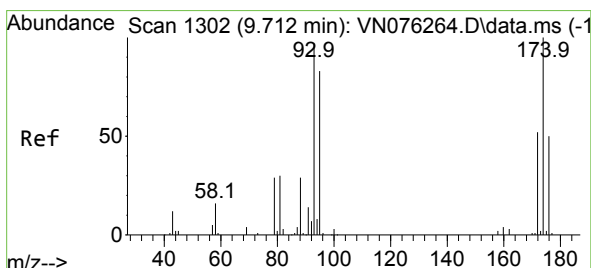
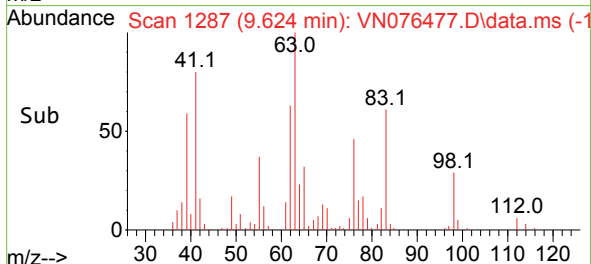
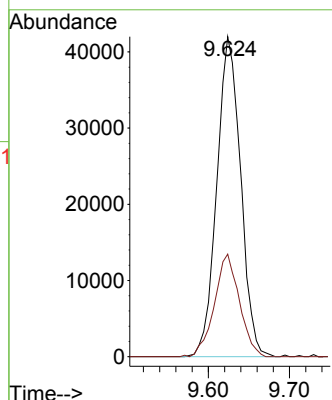
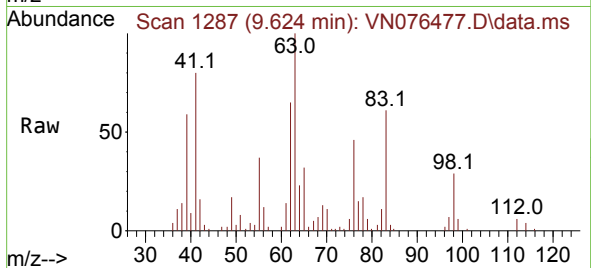
VN0131WBS01

Tgt Ion: 63 Resp: 85603

Ion Ratio Lower Upper

63 100

65 32.0 26.4 39.6



#46

Dibromomethane

Concen: 19.160 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

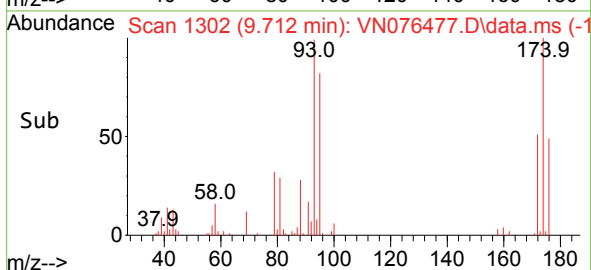
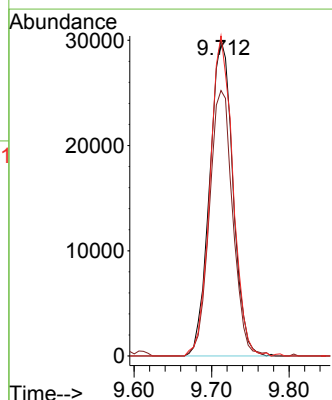
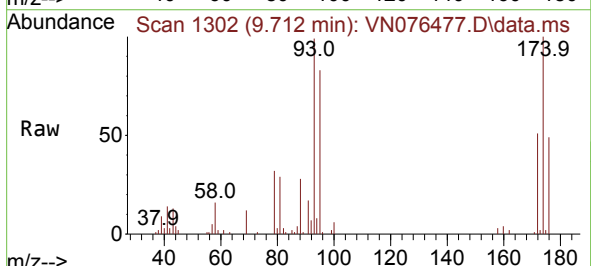
Tgt Ion: 93 Resp: 62795

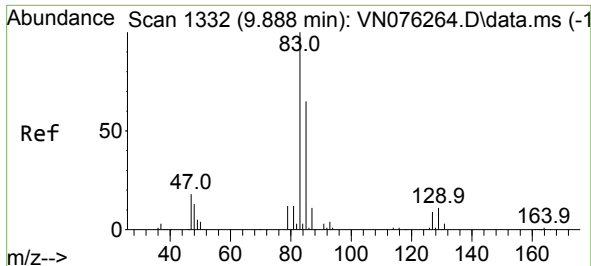
Ion Ratio Lower Upper

93 100

95 84.1 66.0 99.0

174 99.1 81.3 121.9

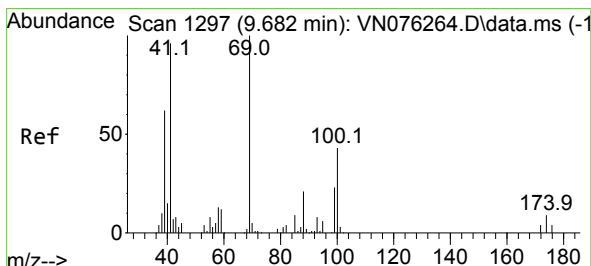
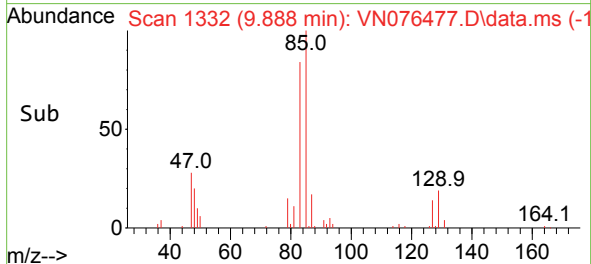
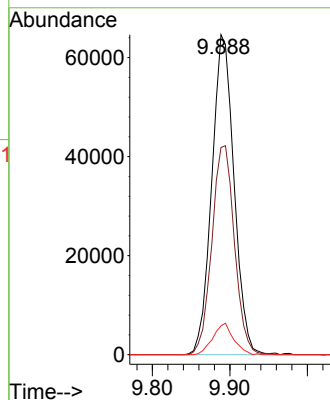
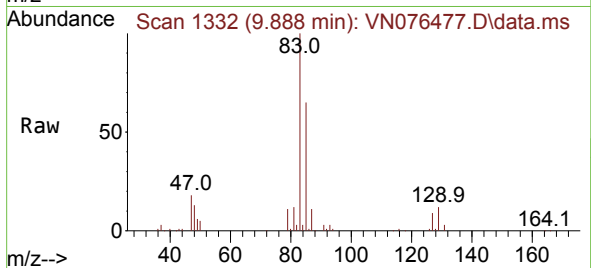




#47
Bromodichloromethane
Concen: 20.264 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

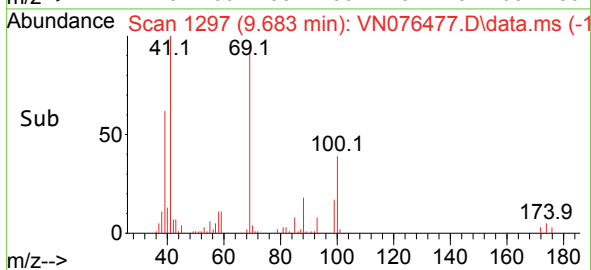
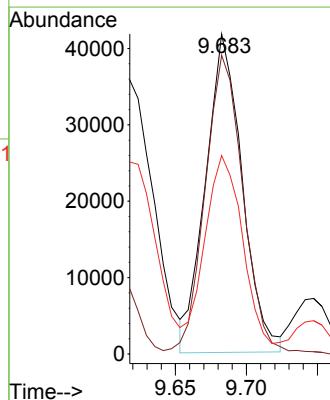
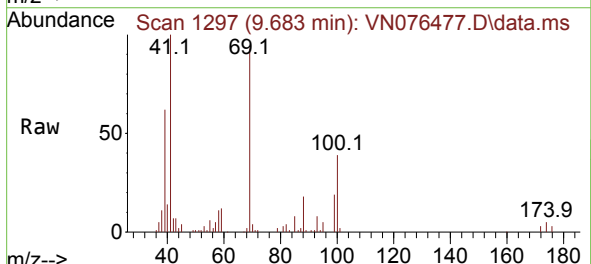
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

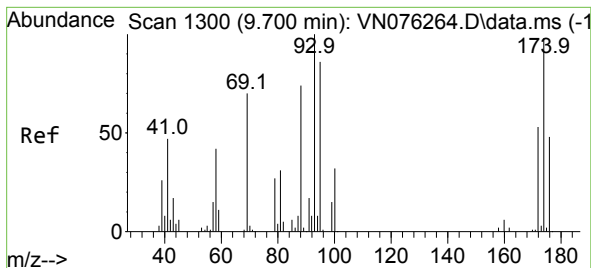
Tgt Ion: 83 Resp: 128808
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 19.950 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 41 Resp: 74724
Ion Ratio Lower Upper
41 100
69 97.5 80.8 121.2
39 65.9 54.4 81.6





#49

1,4-Dioxane

Concen: 395.277 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

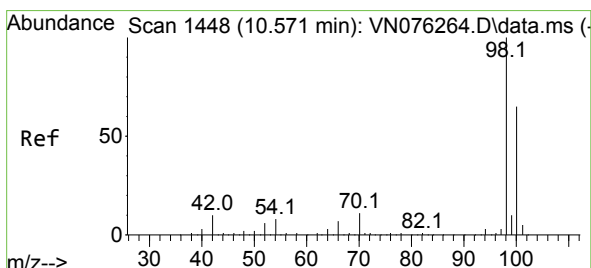
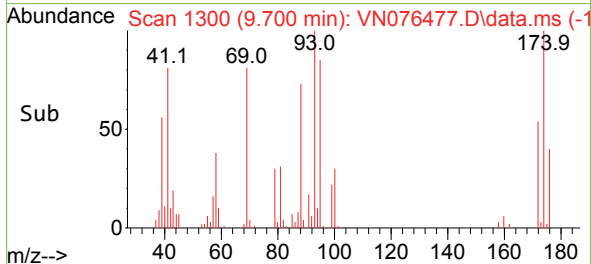
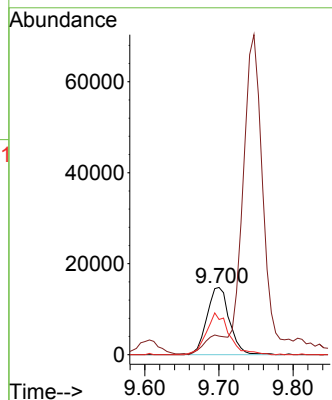
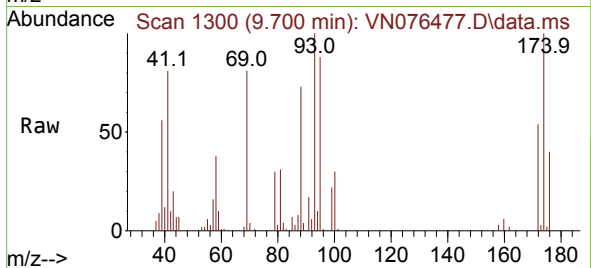
Tgt Ion: 88 Resp: 31240

Ion Ratio Lower Upper

88 100

43 25.3 18.1 27.1

58 62.7 46.5 69.7



#50

Toluene-d8

Concen: 49.925 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076477.D

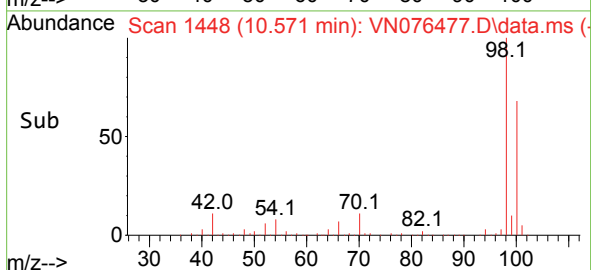
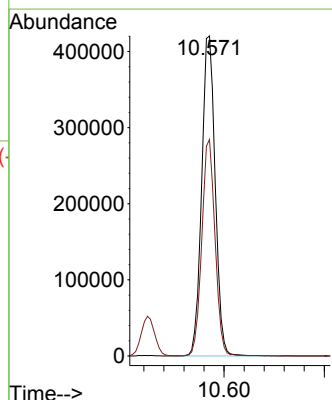
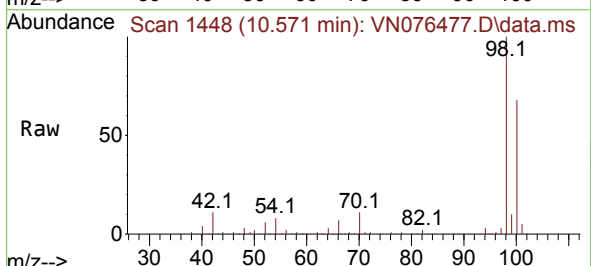
Acq: 31 Jan 2023 10:38

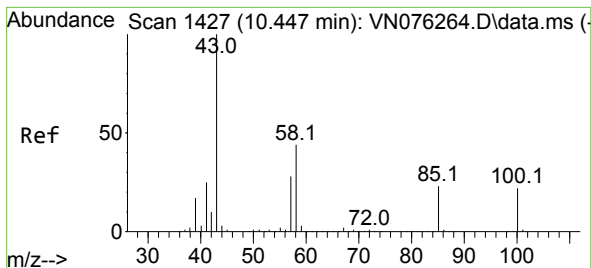
Tgt Ion: 98 Resp: 786754

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.4

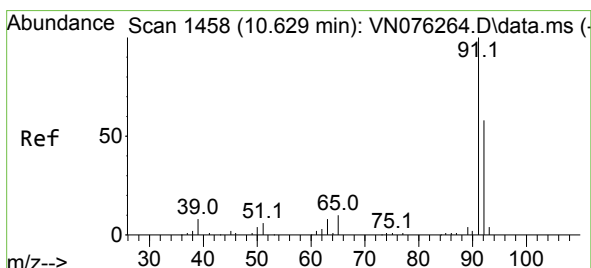
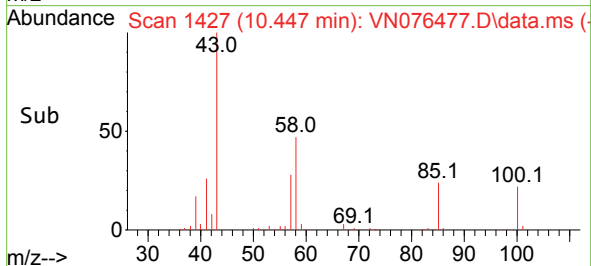
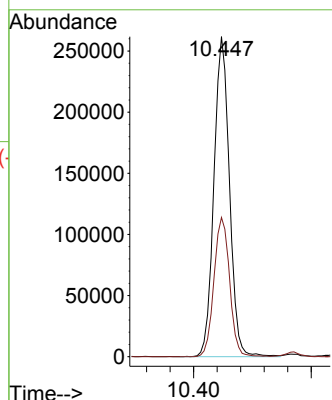
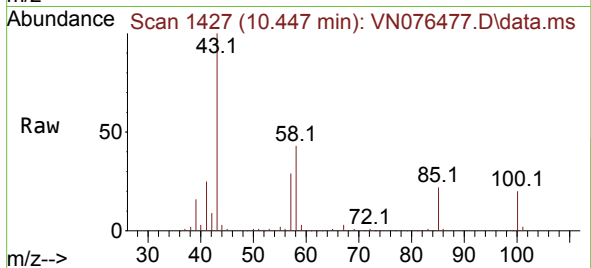




#51
4-Methyl-2-Pentanone
Concen: 103.382 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

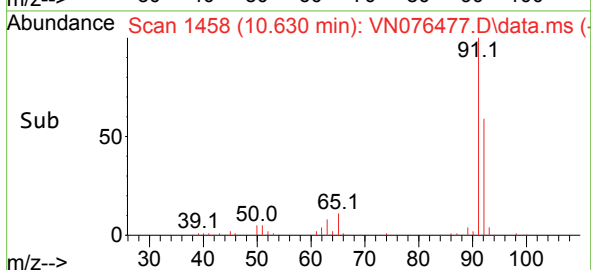
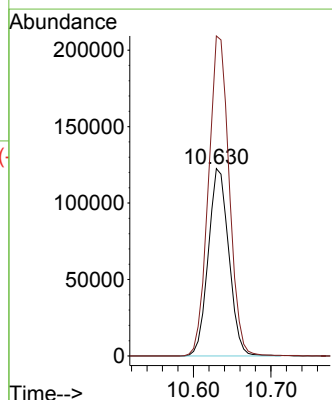
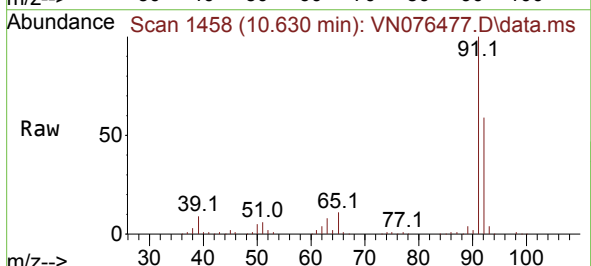
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

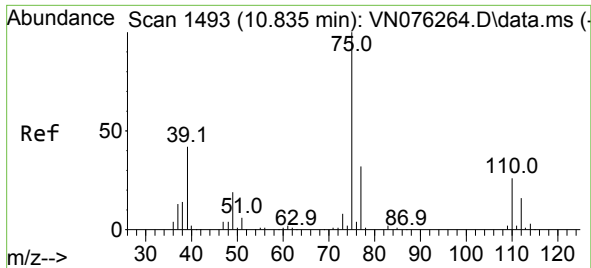
Tgt Ion: 43 Resp: 480158
Ion Ratio Lower Upper
43 100
58 43.8 35.1 52.7



#52
Toluene
Concen: 18.604 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.001 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 92 Resp: 225567
Ion Ratio Lower Upper
92 100
91 172.7 136.6 205.0

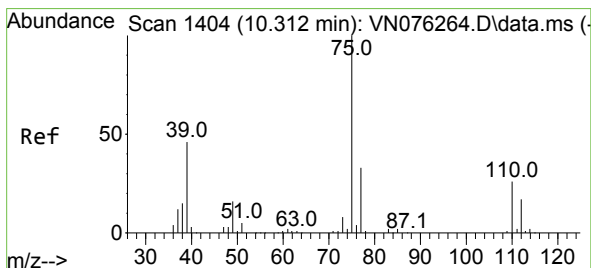
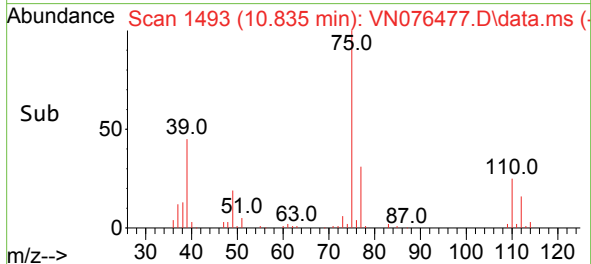
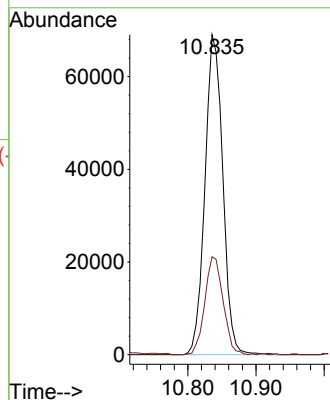
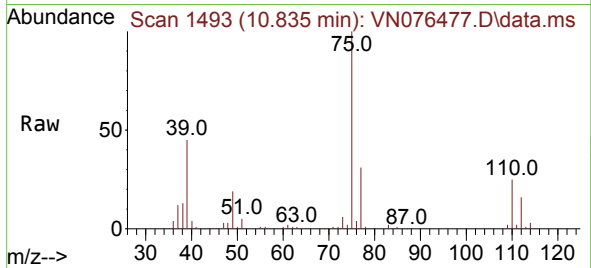




#53
 t-1,3-Dichloropropene
 Concen: 20.754 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

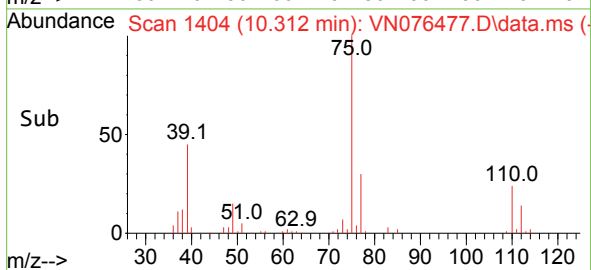
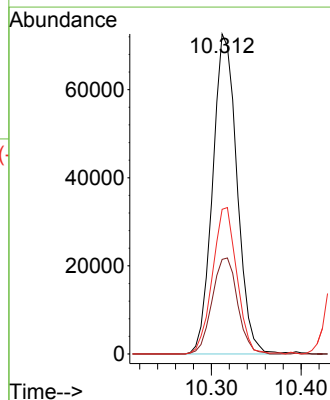
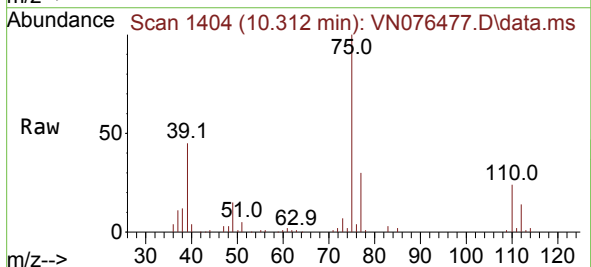
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

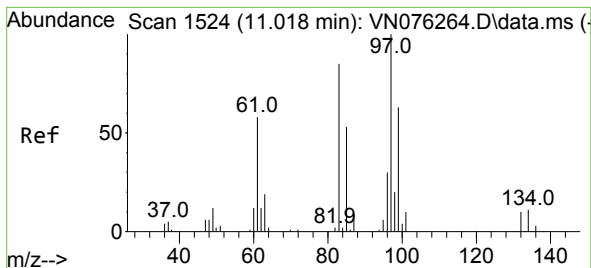
Tgt Ion: 75 Resp: 125757
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.626 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

Tgt Ion: 75 Resp: 136820
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.5 39.7
 39 45.2 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.979 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

Tgt Ion: 97 Resp: 92591

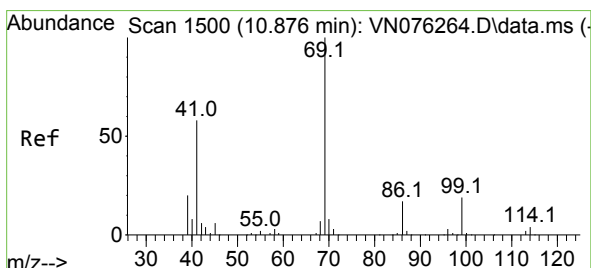
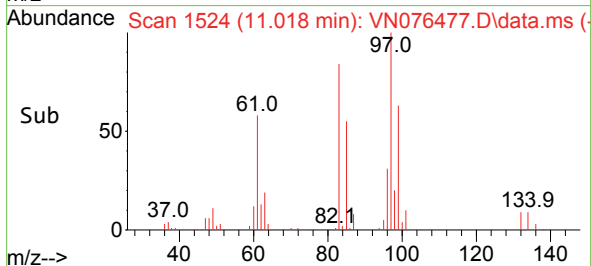
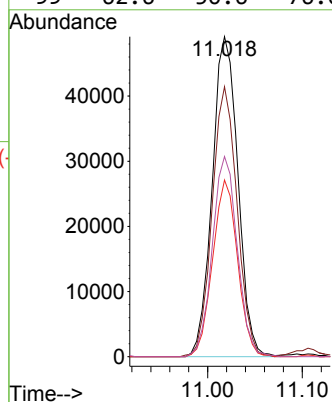
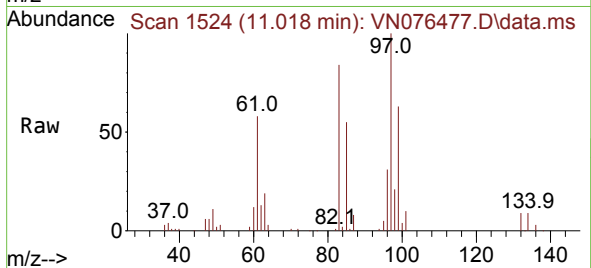
Ion Ratio Lower Upper

97 100

83 84.3 67.8 101.6

85 55.2 42.3 63.5

99 62.6 50.6 76.0



#56

Ethyl methacrylate

Concen: 20.615 ug/l

RT: 10.877 min Scan# 1500

Delta R.T. 0.001 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

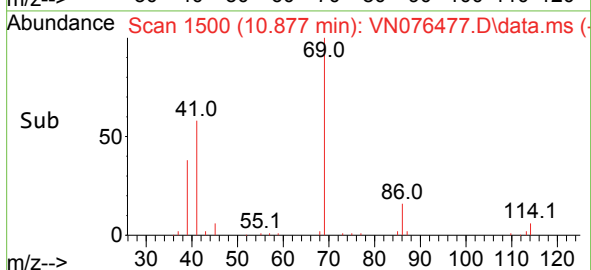
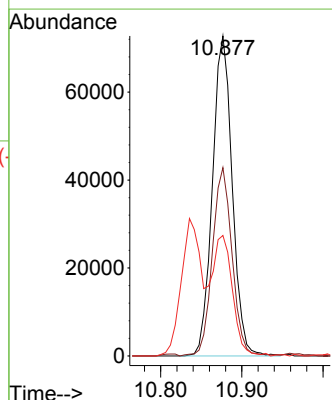
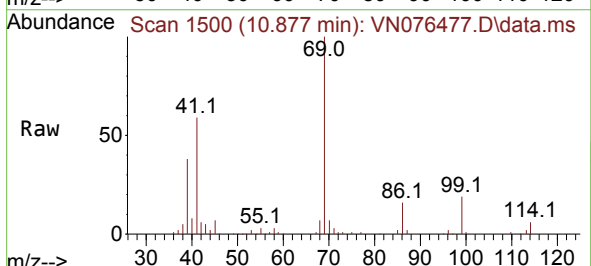
Tgt Ion: 69 Resp: 123342

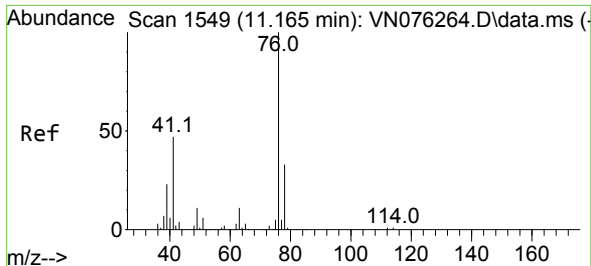
Ion Ratio Lower Upper

69 100

41 58.6 45.3 67.9

39 35.4 29.3 43.9





#57

1,3-Dichloropropane

Concen: 19.768 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

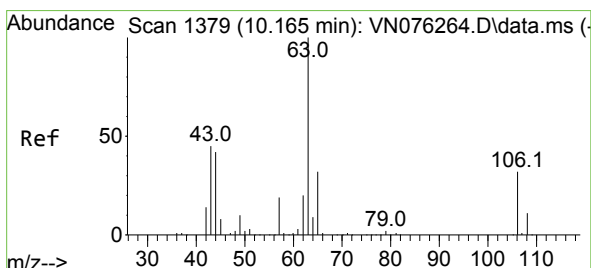
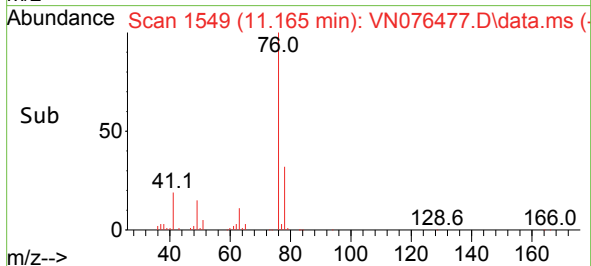
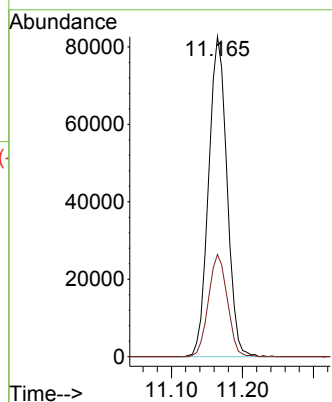
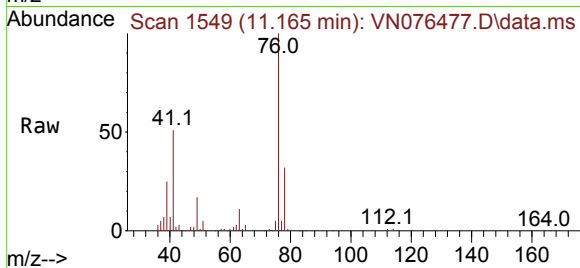
VN0131WBS01

Tgt Ion: 76 Resp: 148878

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 79.321 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076477.D

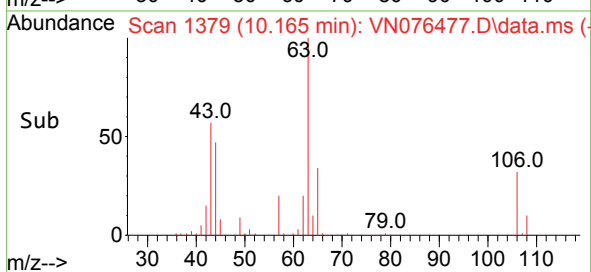
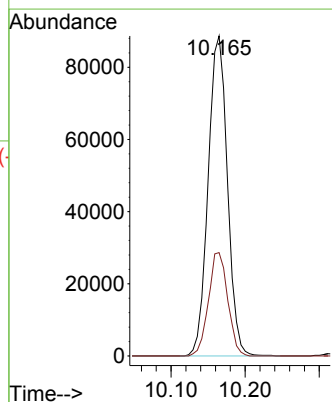
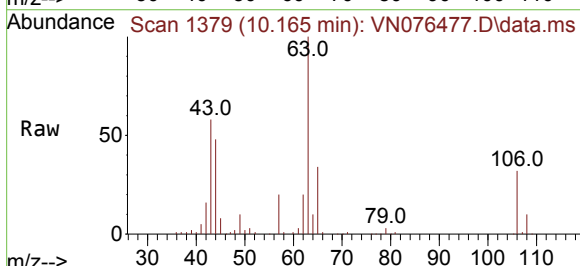
Acq: 31 Jan 2023 10:38

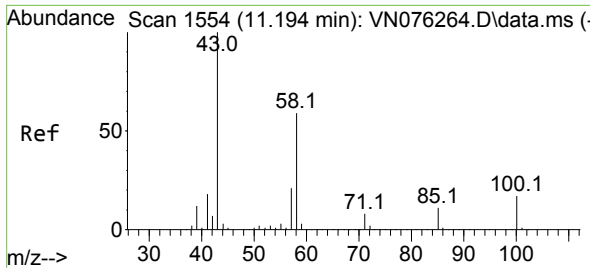
Tgt Ion: 63 Resp: 160217

Ion Ratio Lower Upper

63 100

106 32.3 26.2 39.2

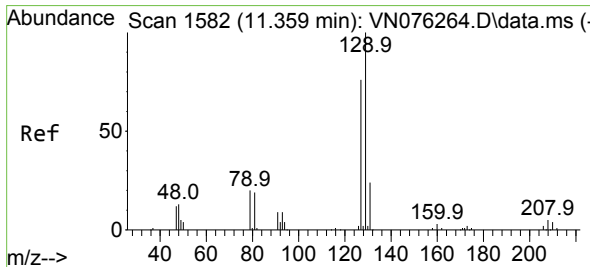
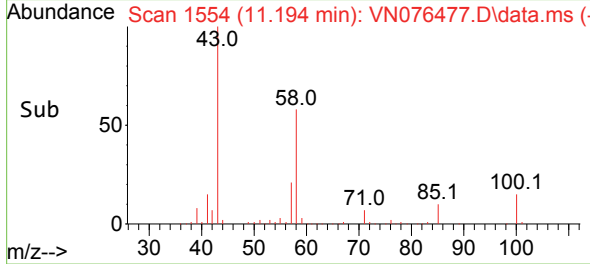
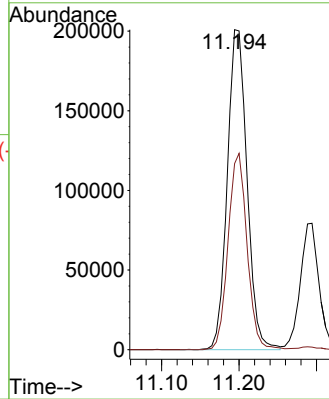
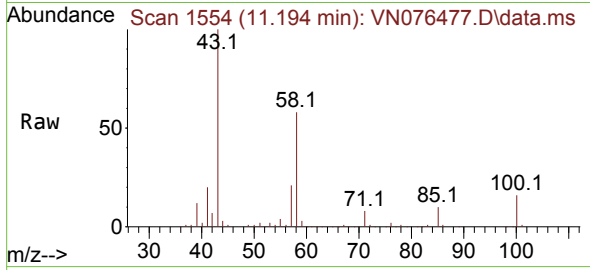




#59
2-Hexanone
Concen: 105.709 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

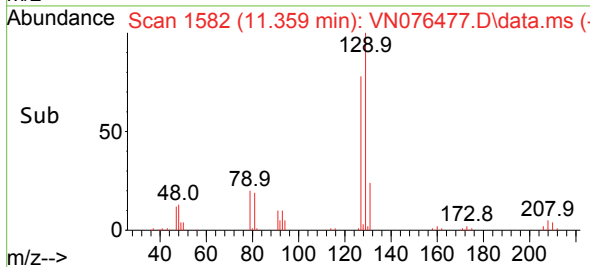
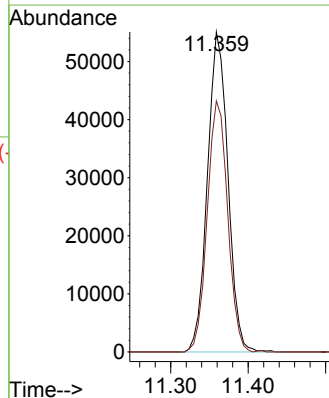
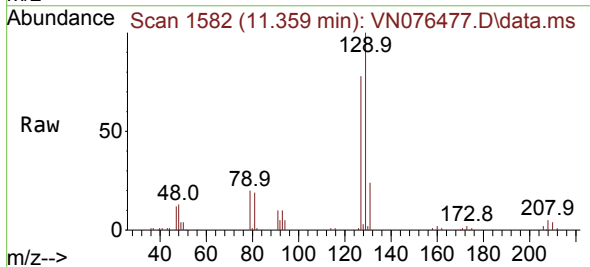
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

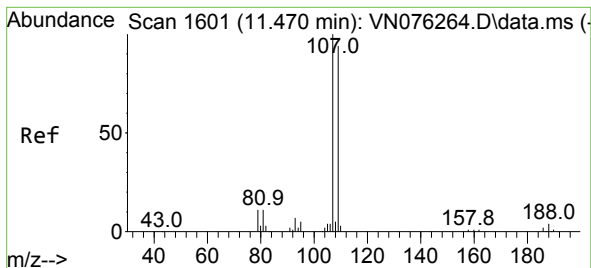
Tgt Ion: 43 Resp: 355781
Ion Ratio Lower Upper
43 100
58 59.0 30.1 90.3



#60
Dibromochloromethane
Concen: 20.695 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 129 Resp: 100960
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.598 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

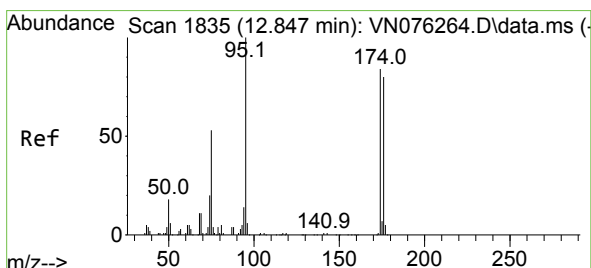
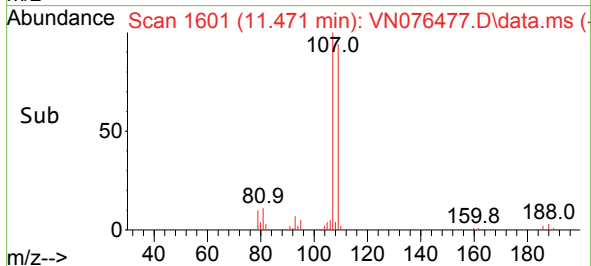
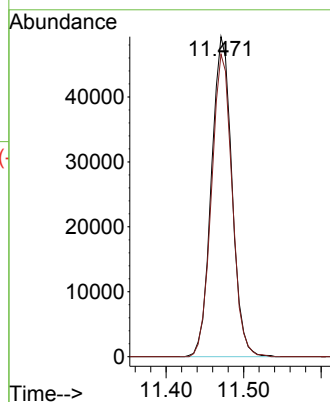
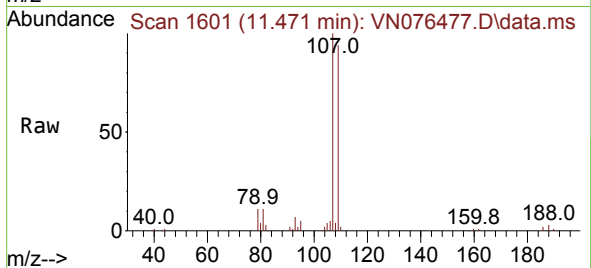
VN0131WBS01

Tgt Ion:107 Resp: 90657

Ion Ratio Lower Upper

107 100

109 94.8 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 53.304 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

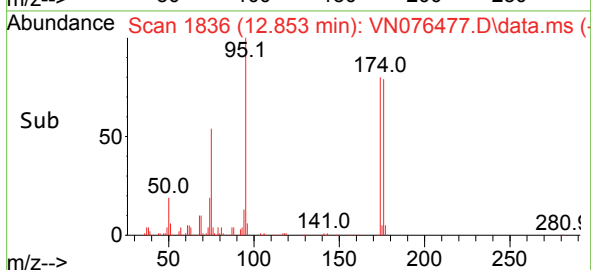
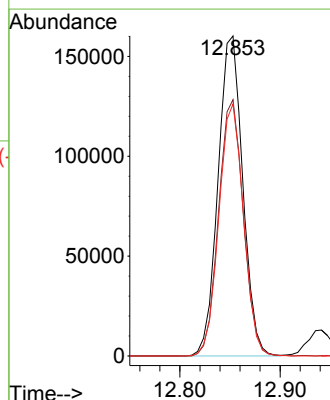
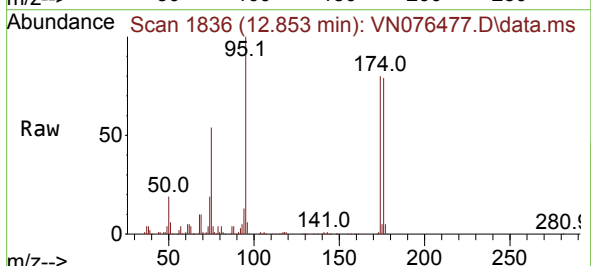
Tgt Ion: 95 Resp: 274219

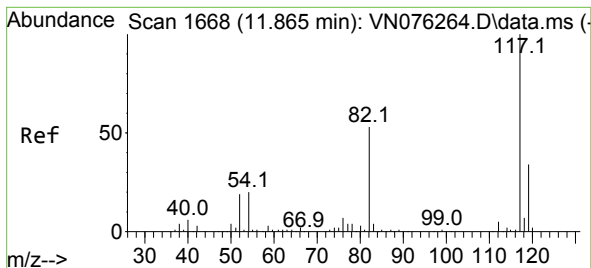
Ion Ratio Lower Upper

95 100

174 80.0 0.0 174.6

176 78.2 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

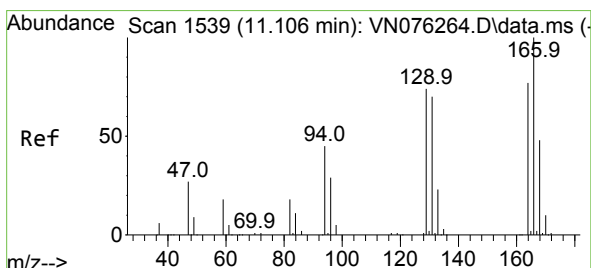
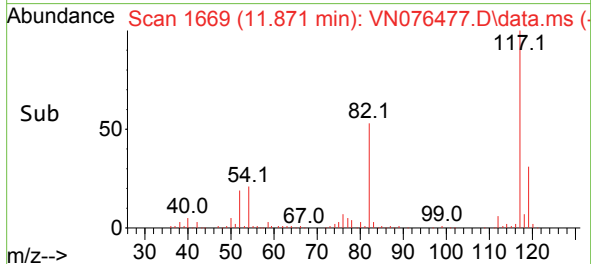
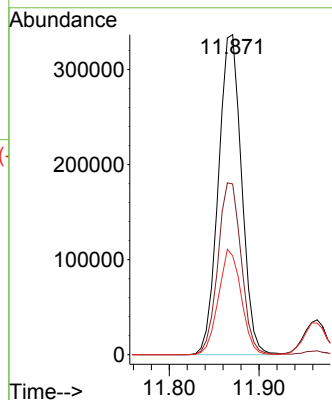
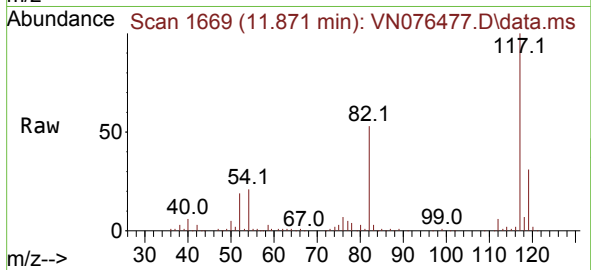
Tgt Ion:117 Resp: 604374

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.2

119 30.9 26.9 40.3



#64

Tetrachloroethene

Concen: 17.235 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Tgt Ion:164 Resp: 93936

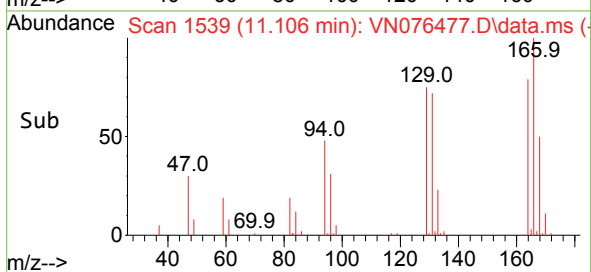
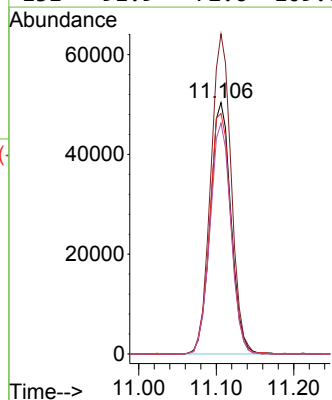
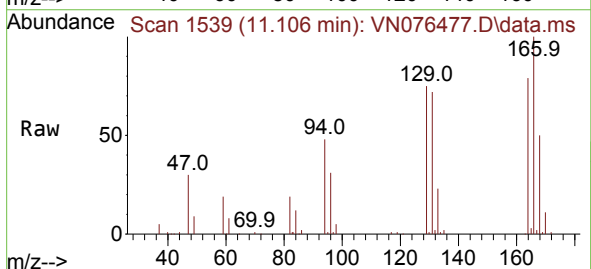
Ion Ratio Lower Upper

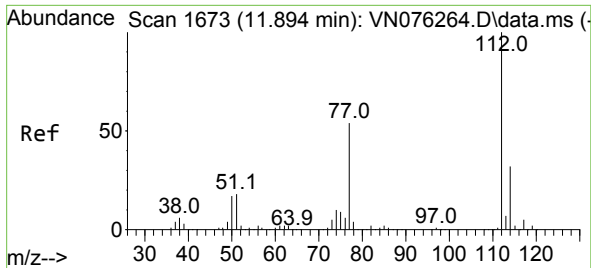
164 100

166 127.3 104.0 156.0

129 95.7 76.6 114.8

131 91.9 72.6 109.0

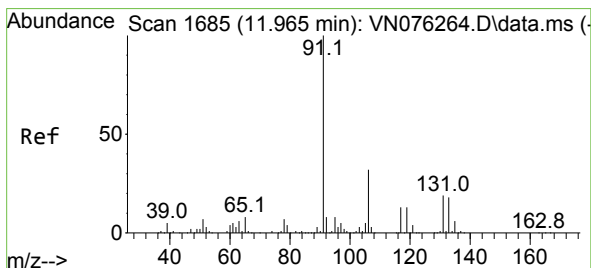
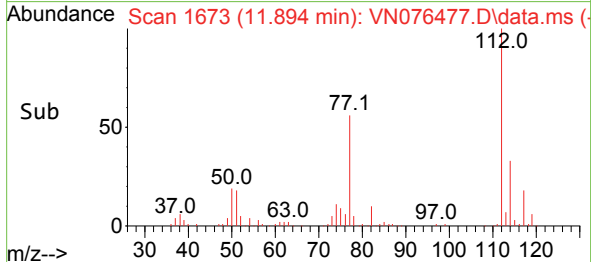
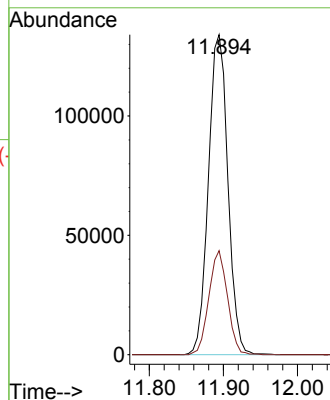
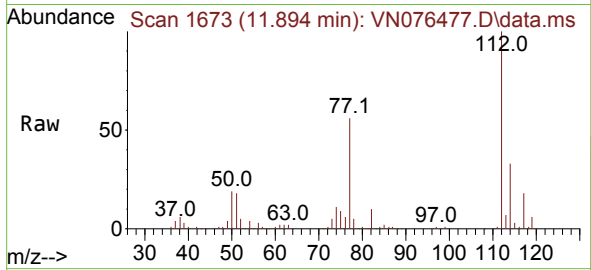




#65
Chlorobenzene
Concen: 19.141 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

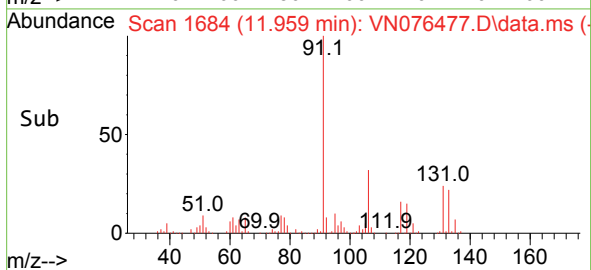
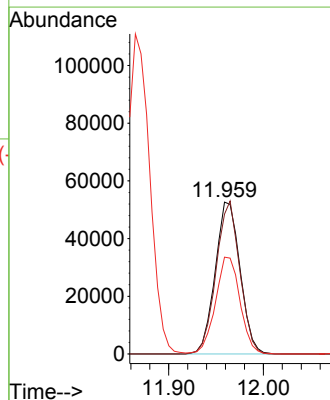
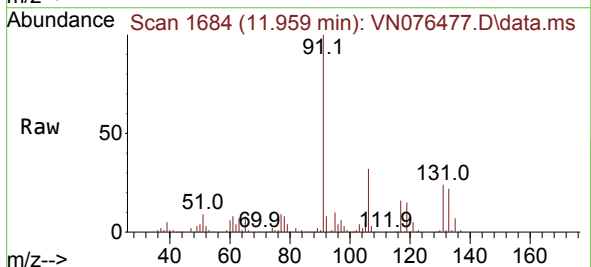
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

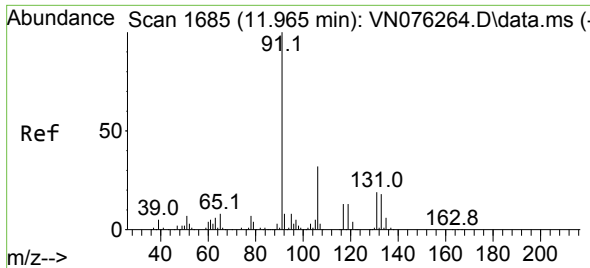
Tgt Ion:112 Resp: 244542
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.258 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion:131 Resp: 96294
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.2
119 63.0 32.3 96.8

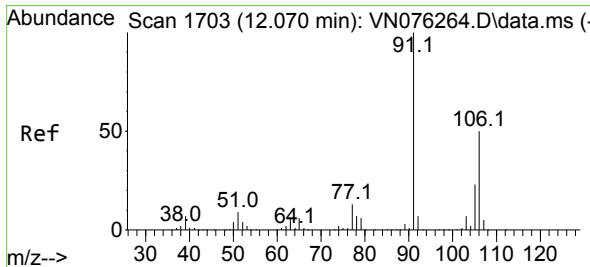
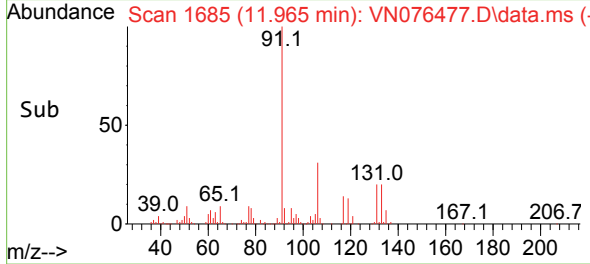
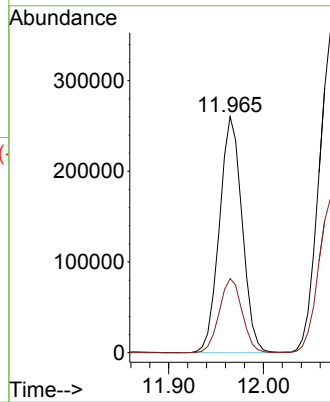
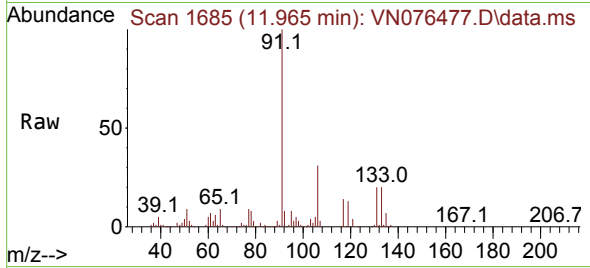




#67
Ethyl Benzene
Concen: 19.846 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

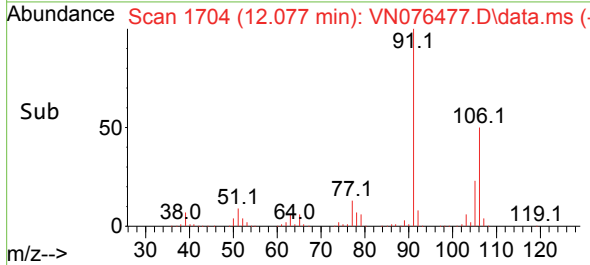
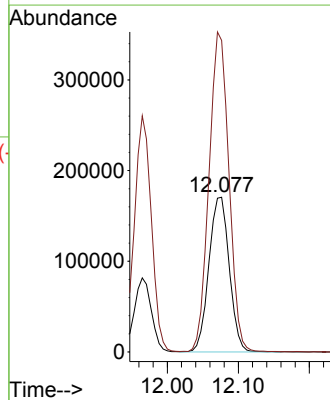
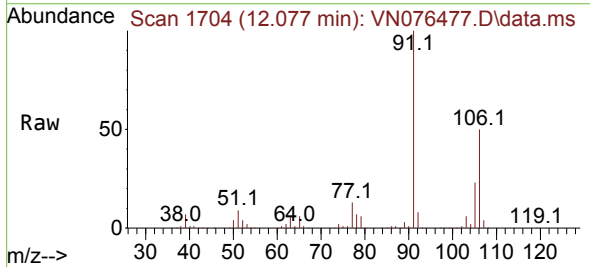
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

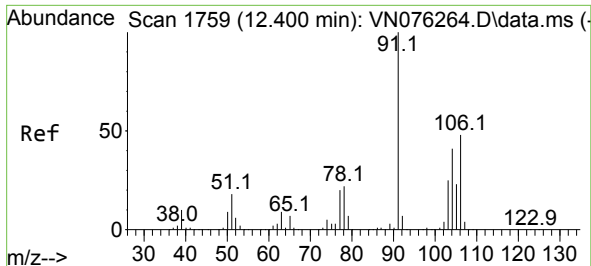
Tgt Ion: 91 Resp: 433943
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 38.784 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.007 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion:106 Resp: 340045
Ion Ratio Lower Upper
106 100
91 201.9 157.5 236.3

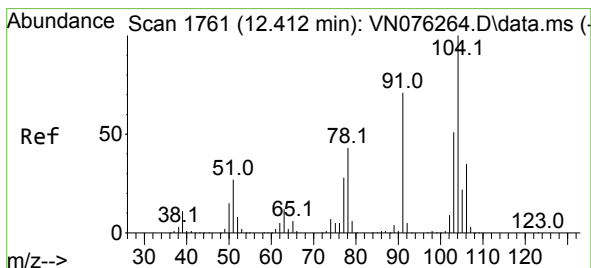
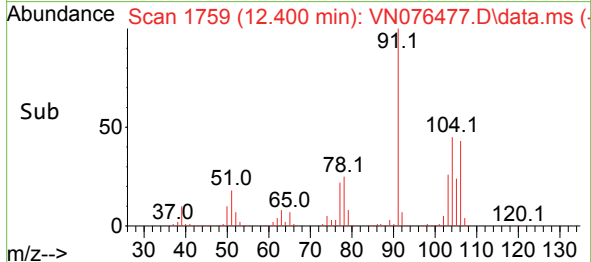
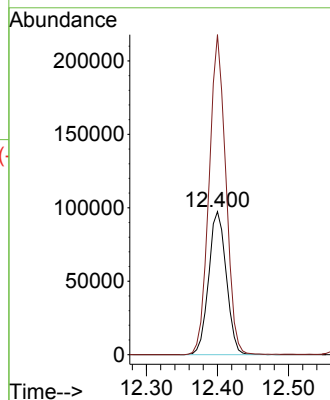
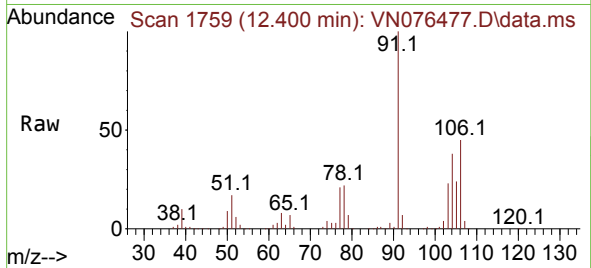




#69
o-Xylene
Concen: 19.517 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

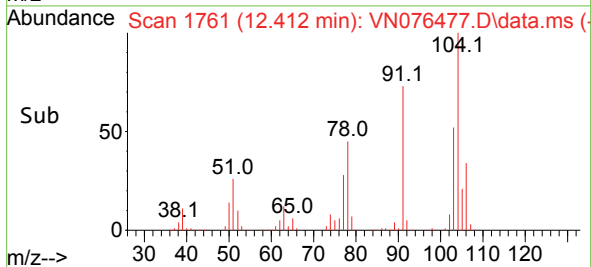
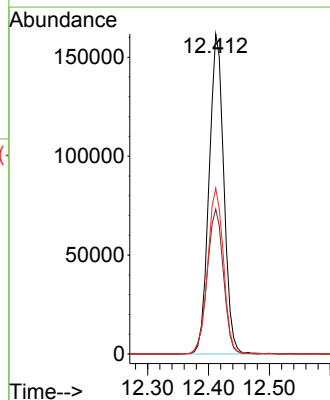
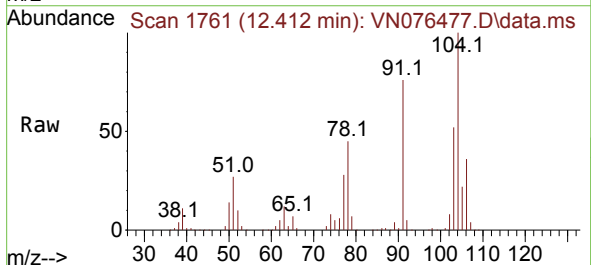
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

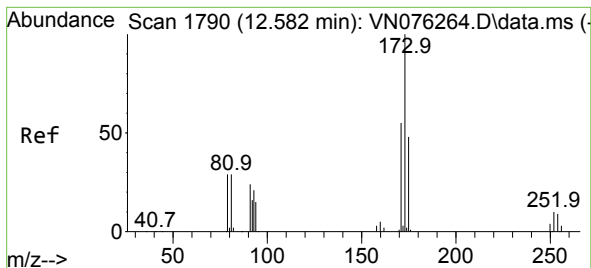
Tgt Ion:106 Resp: 168049
Ion Ratio Lower Upper
106 100
91 212.8 103.2 309.4



#70
Styrene
Concen: 19.876 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion:104 Resp: 273258
Ion Ratio Lower Upper
104 100
78 49.5 37.4 56.0
103 55.2 44.2 66.2





#71

Bromoform

Concen: 20.432 ug/l

RT: 12.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

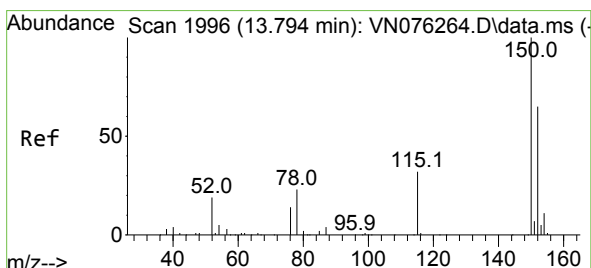
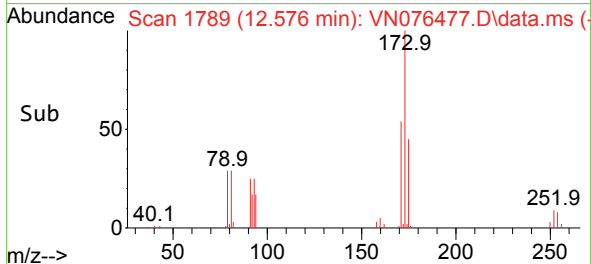
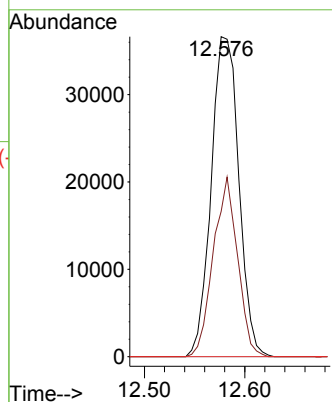
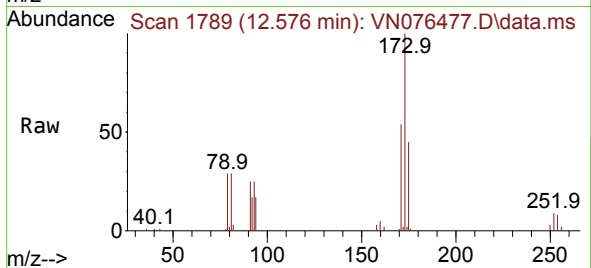
Tgt Ion:173 Resp: 70139

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.4

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: VN076477.D

Acq: 31 Jan 2023 10:38

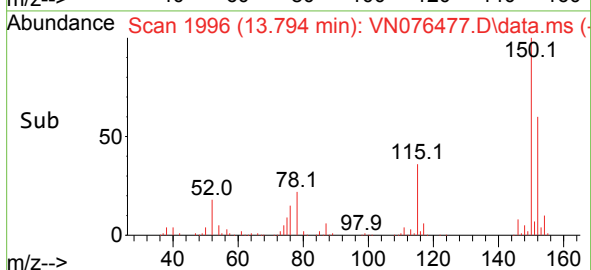
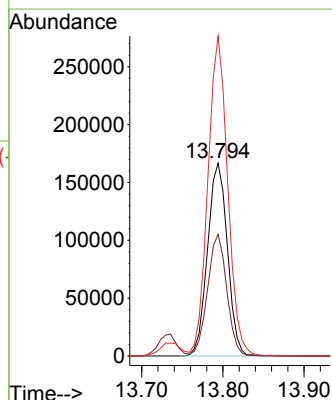
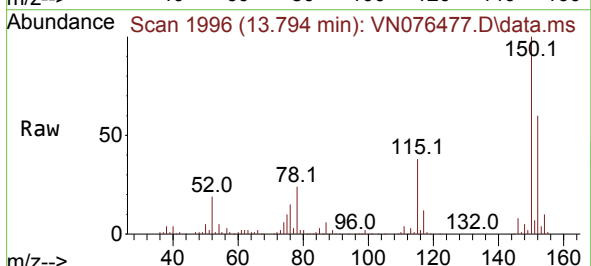
Tgt Ion:152 Resp: 282893

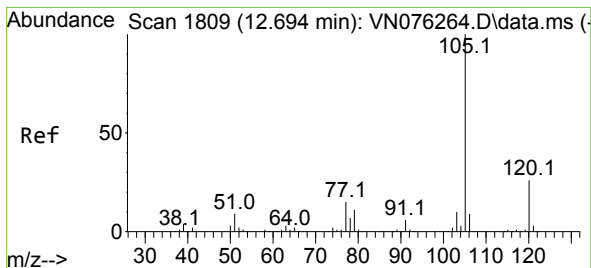
Ion Ratio Lower Upper

152 100

115 61.0 29.6 88.9

150 165.6 0.0 351.4





#73

Isopropylbenzene

Concen: 20.303 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

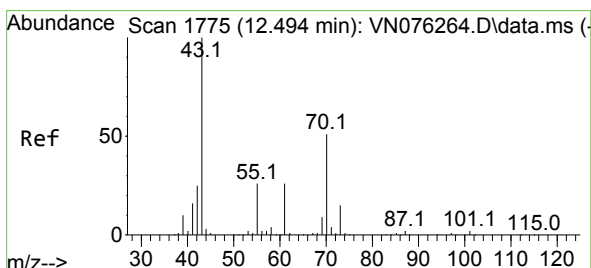
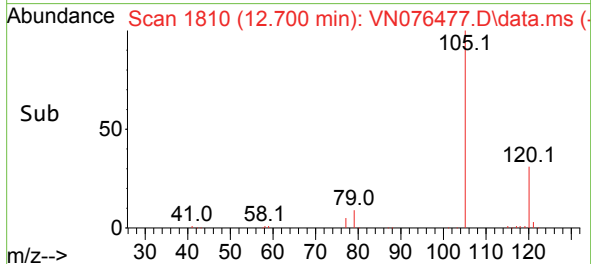
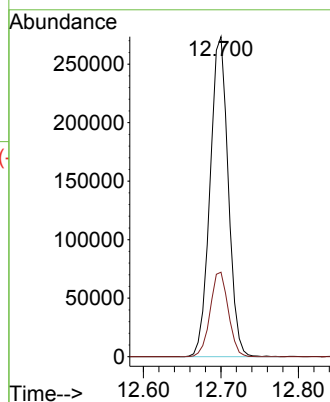
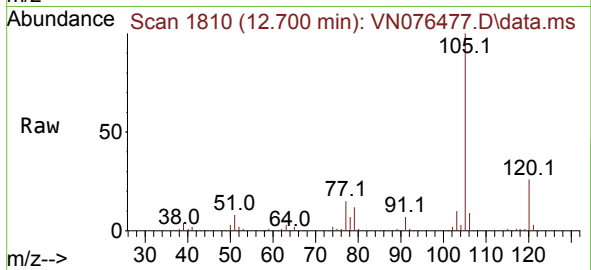
VN0131WBS01

Tgt Ion:105 Resp: 444328

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 20.545 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Tgt Ion: 43 Resp: 129332

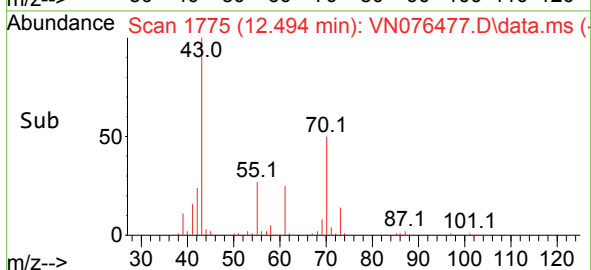
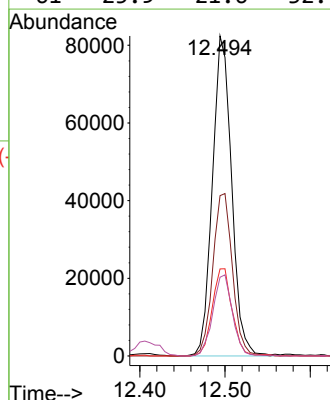
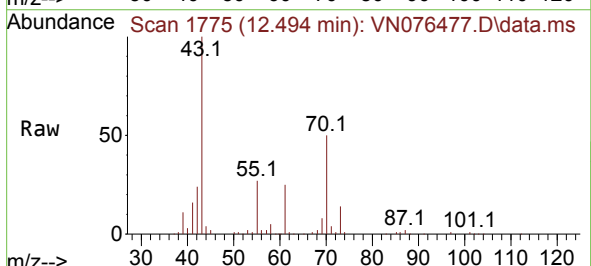
Ion Ratio Lower Upper

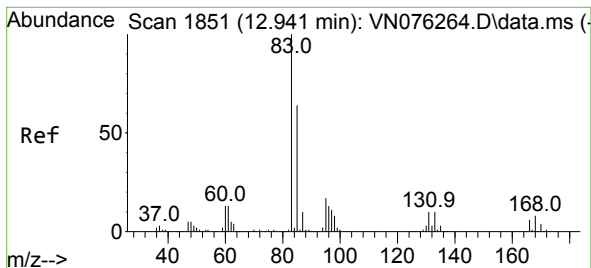
43 100

70 51.8 41.2 61.8

55 28.3 21.0 31.6

61 25.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.797 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

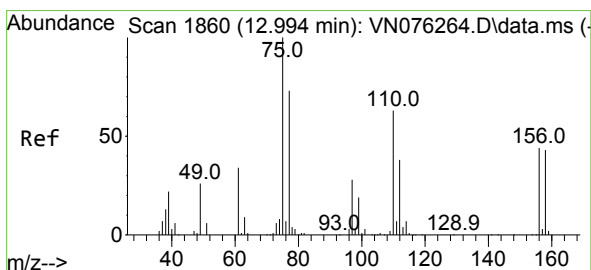
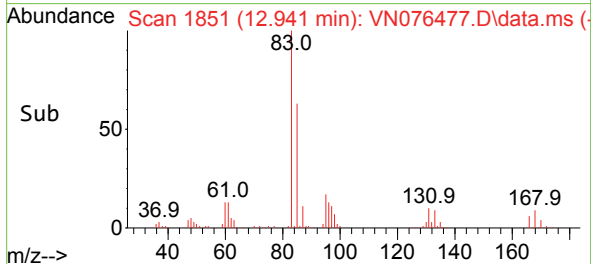
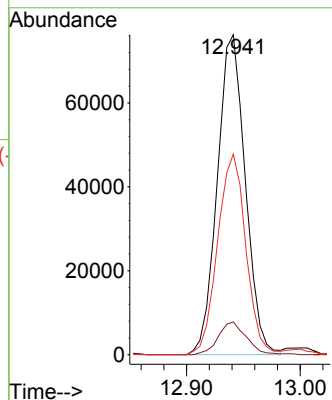
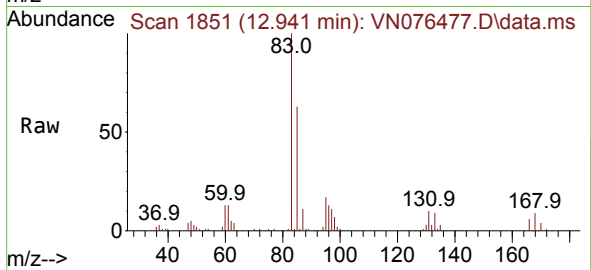
Tgt Ion: 83 Resp: 130837

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

85 63.1 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 29.572 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076477.D

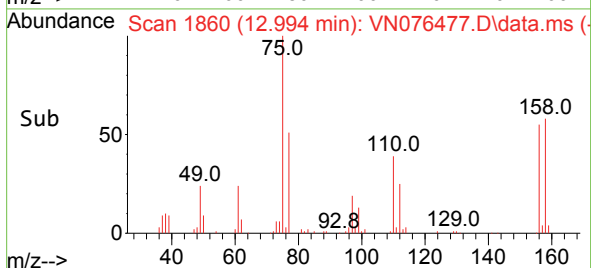
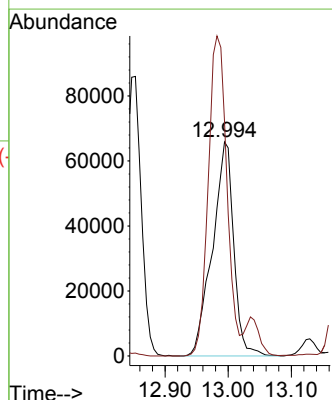
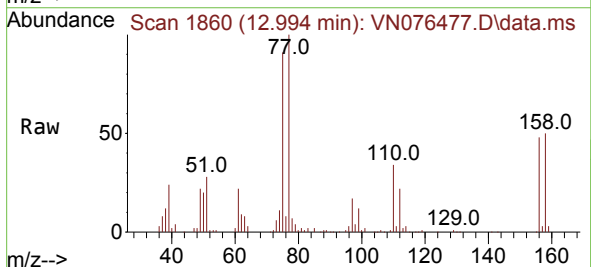
Acq: 31 Jan 2023 10:38

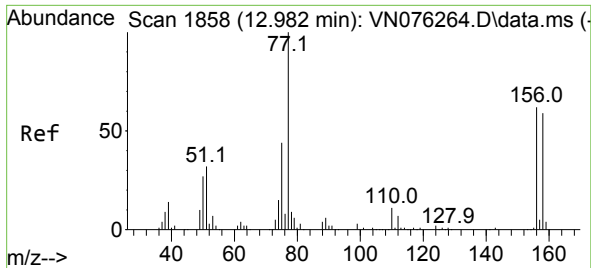
Tgt Ion: 75 Resp: 154397

Ion Ratio Lower Upper

75 100

77 130.4 75.2 225.6

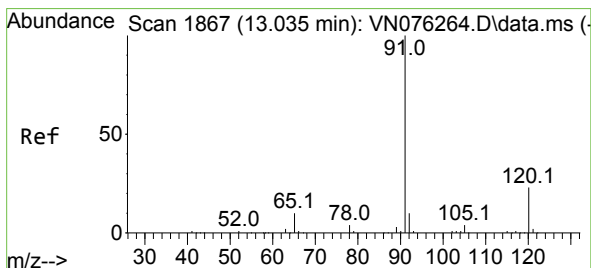
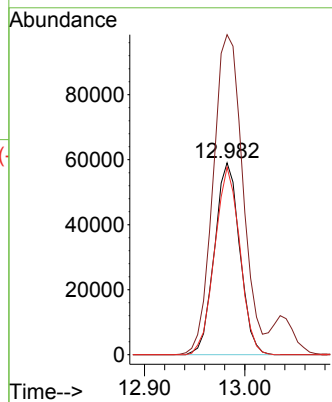
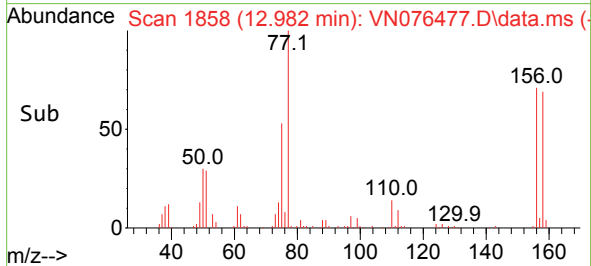
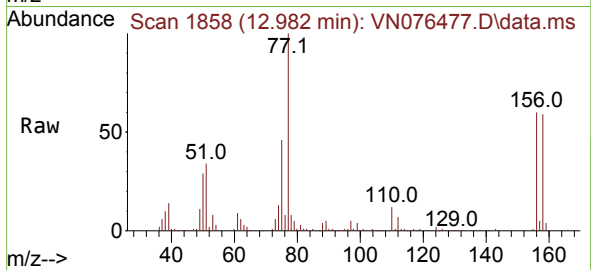




#77
Bromobenzene
Concen: 19.854 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

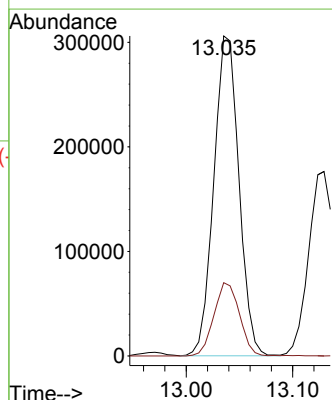
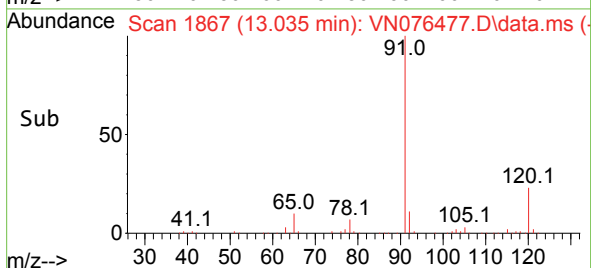
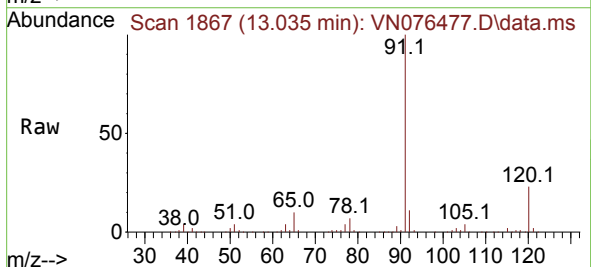
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

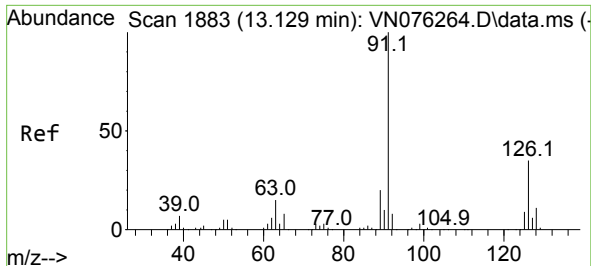
Tgt Ion:156 Resp: 103315
Ion Ratio Lower Upper
156 100
77 194.8 93.4 280.2
158 97.6 48.4 145.2



#78
n-propylbenzene
Concen: 20.274 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 91 Resp: 500627
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

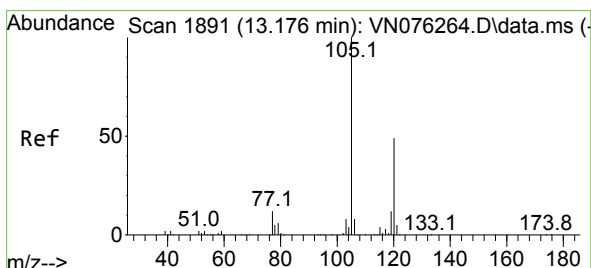
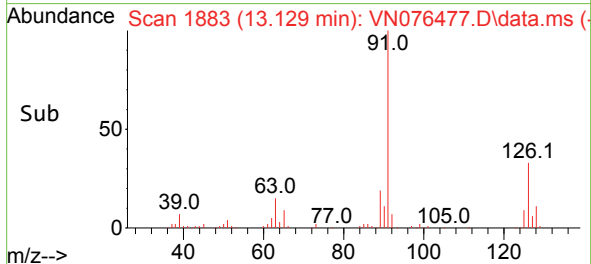
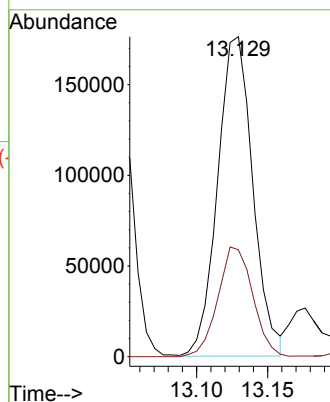
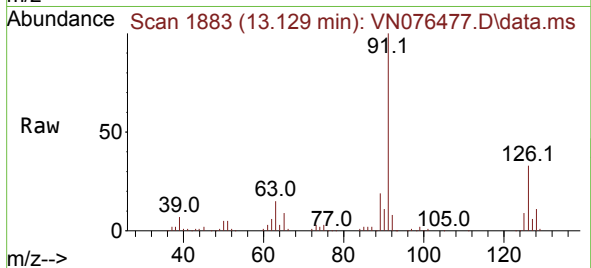




#79
2-Chlorotoluene
Concen: 20.067 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

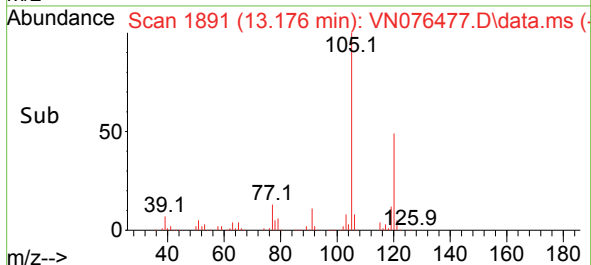
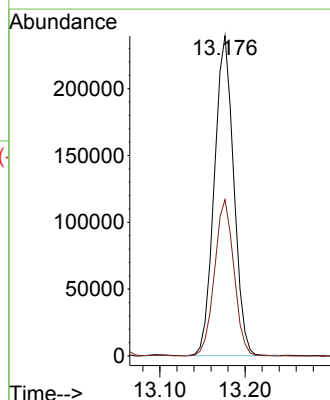
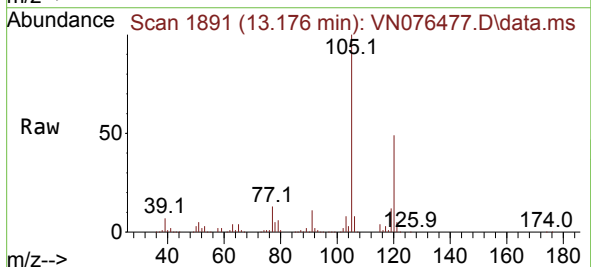
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

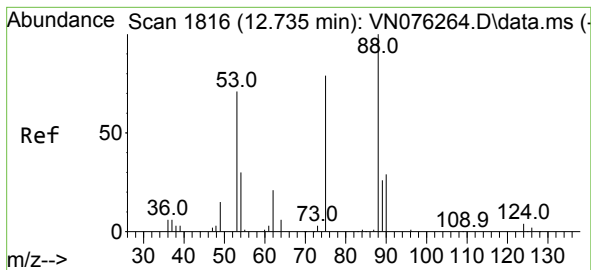
Tgt Ion: 91 Resp: 304077
Ion Ratio Lower Upper
91 100
126 34.1 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.642 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 105 Resp: 378448
Ion Ratio Lower Upper
105 100
120 48.8 25.0 75.0

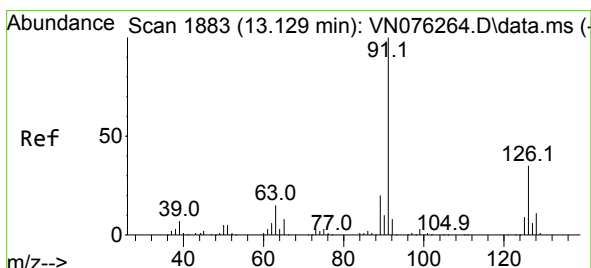
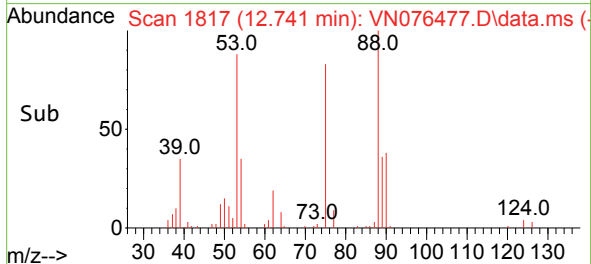
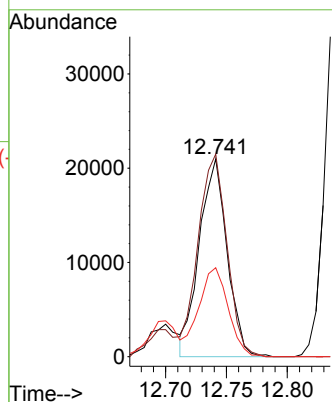
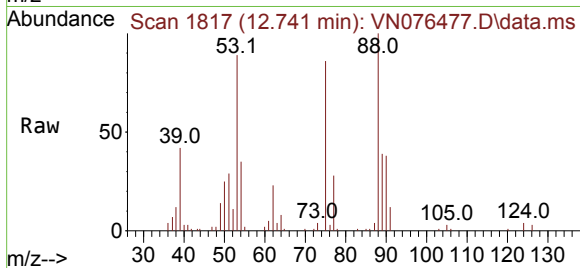




#81
trans-1,4-Dichloro-2-butene
Concen: 19.561 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

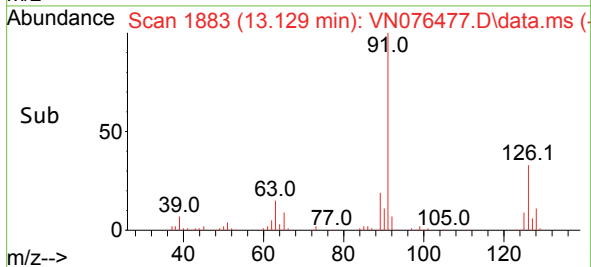
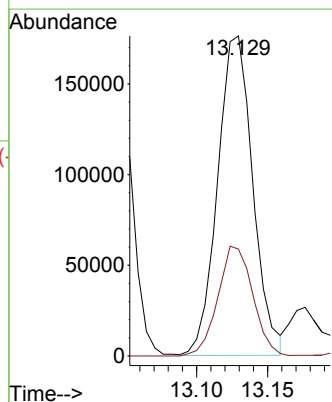
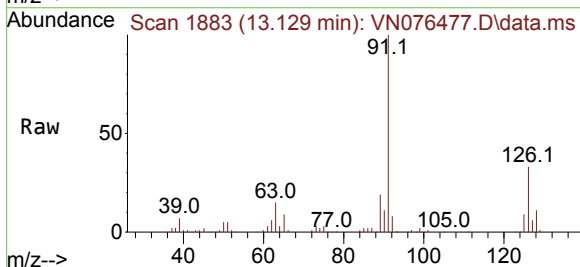
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

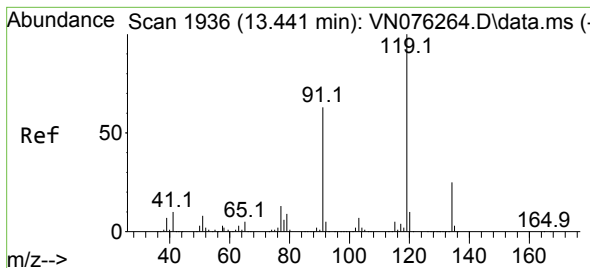
Tgt Ion: 75 Resp: 33259
Ion Ratio Lower Upper
75 100
53 108.3 75.8 113.8
89 48.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 20.067 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion: 91 Resp: 304077
Ion Ratio Lower Upper
91 100
126 34.1 17.4 52.2





#83

tert-Butylbenzene

Concen: 20.396 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

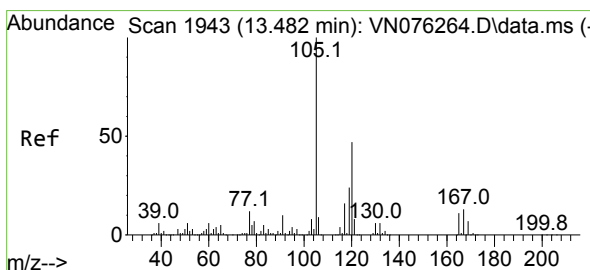
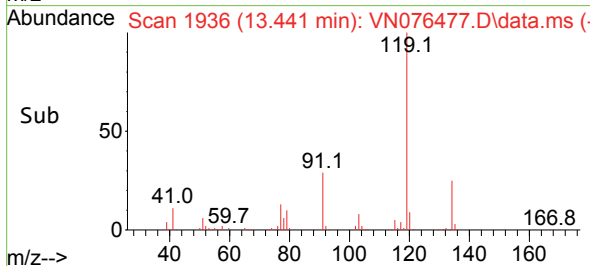
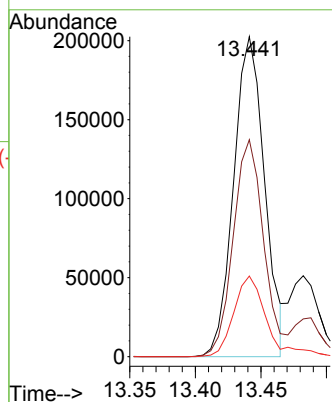
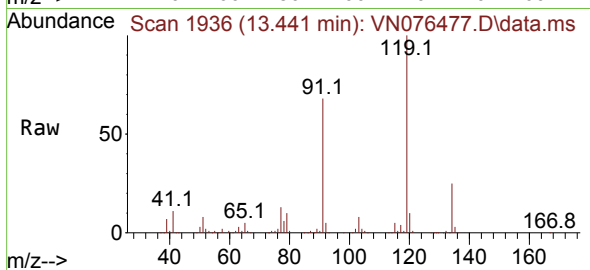
Tgt Ion:119 Resp: 332582

Ion Ratio Lower Upper

119 100

91 67.4 32.2 96.6

134 26.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.614 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076477.D

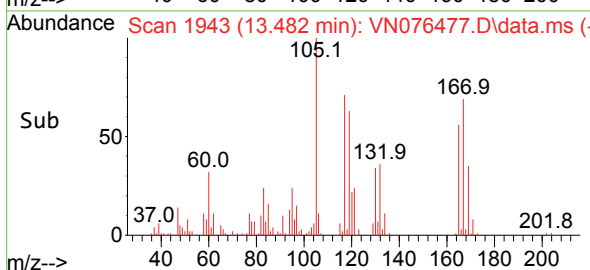
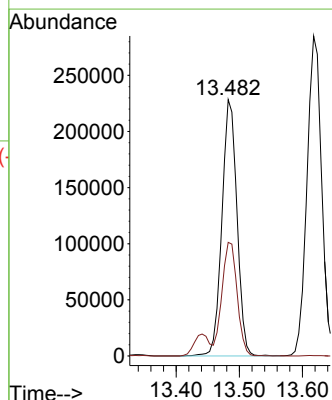
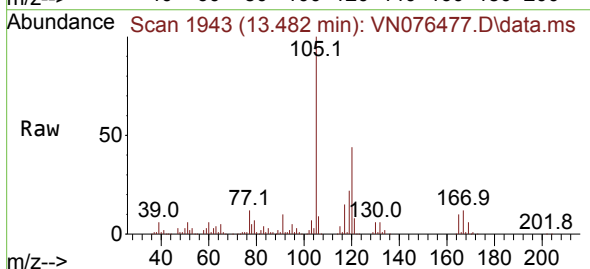
Acq: 31 Jan 2023 10:38

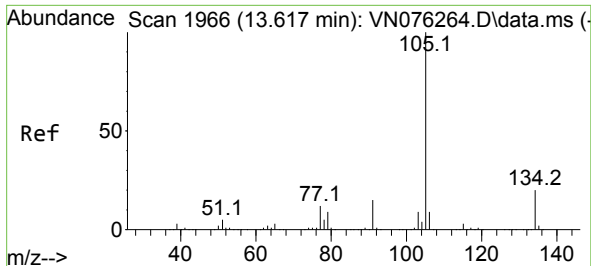
Tgt Ion:105 Resp: 378965

Ion Ratio Lower Upper

105 100

120 44.5 22.9 68.5

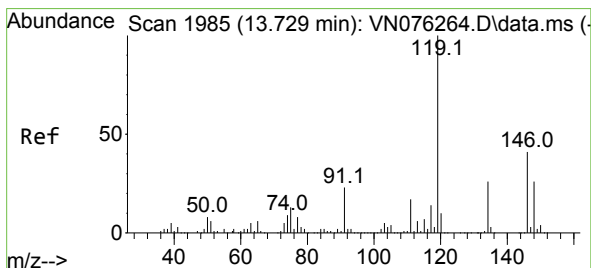
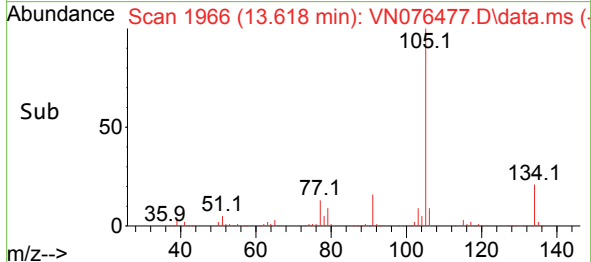
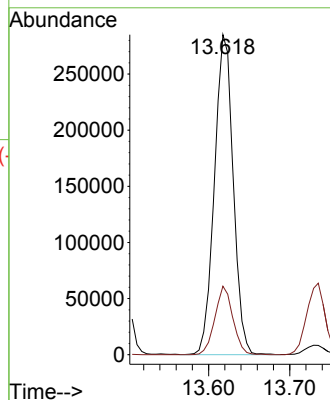
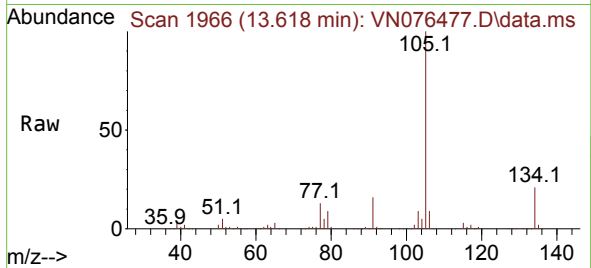




#85
 sec-Butylbenzene
 Concen: 20.291 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

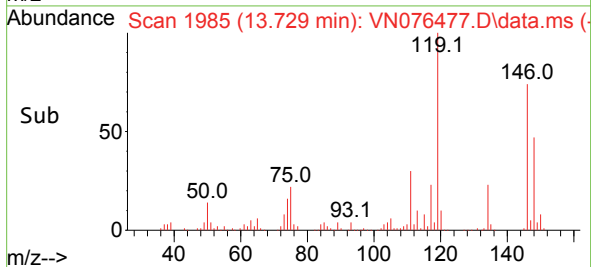
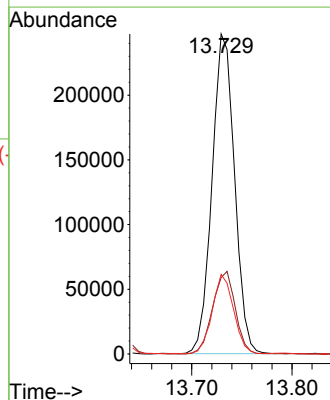
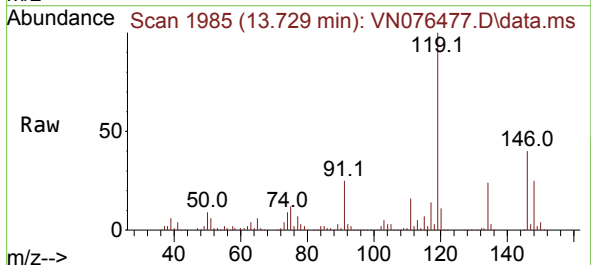
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

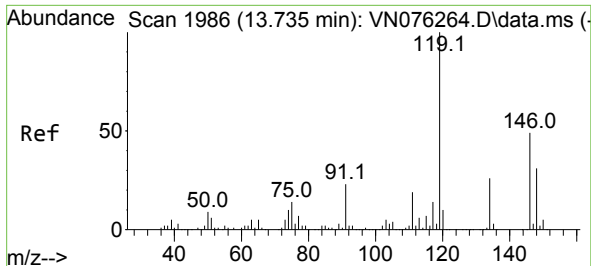
Tgt Ion:105 Resp: 459129
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.716 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

Tgt Ion:119 Resp: 385454
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.6
 91 23.5 11.8 35.3

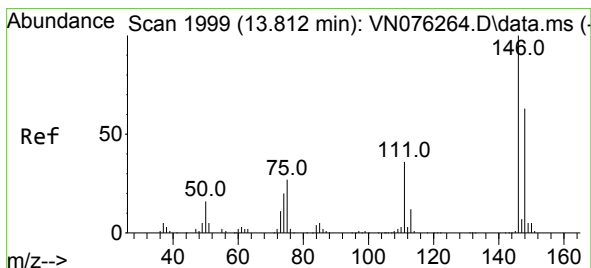
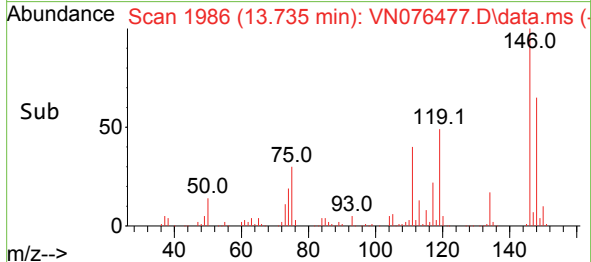
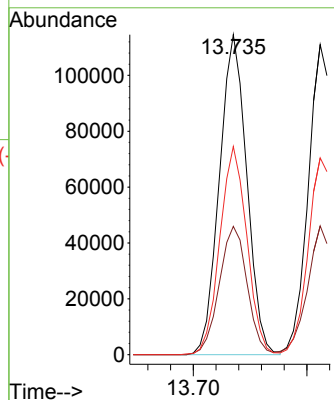
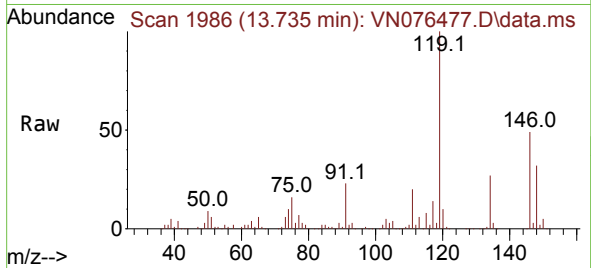




#87
 1,3-Dichlorobenzene
 Concen: 18.588 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

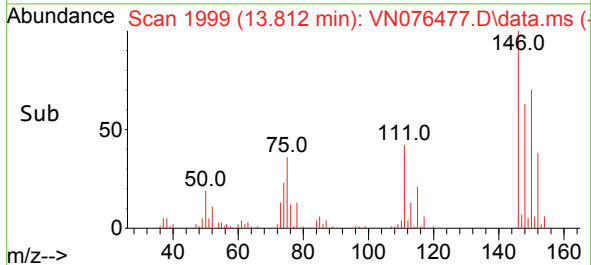
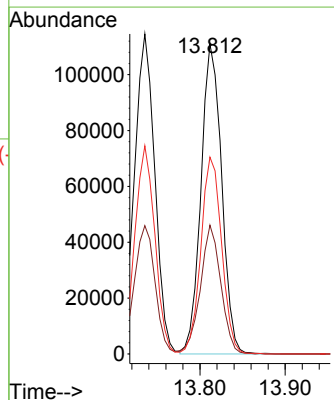
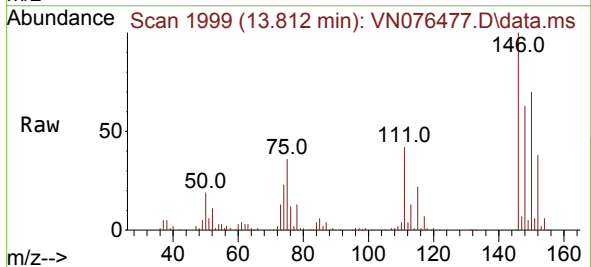
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

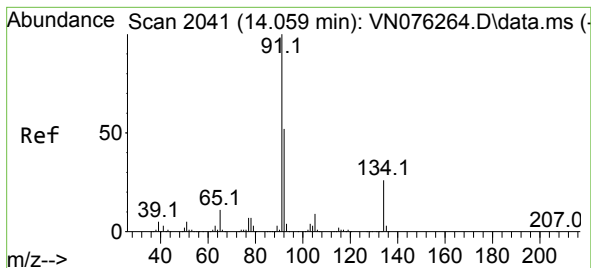
Tgt Ion:146 Resp: 191734
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.9 59.7
 148 64.3 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.122 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

Tgt Ion:146 Resp: 187016
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.1 57.5
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 19.823 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

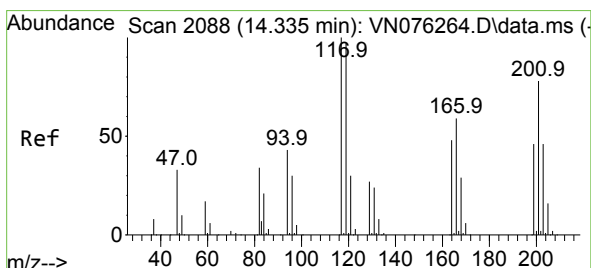
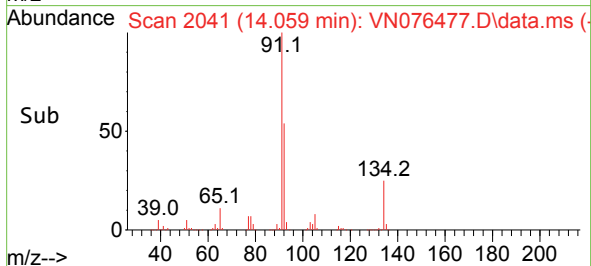
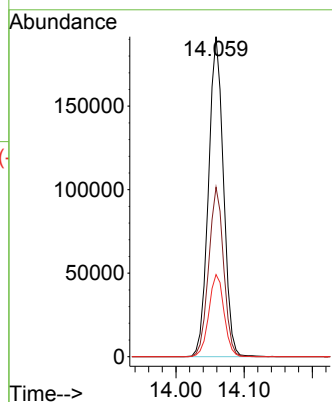
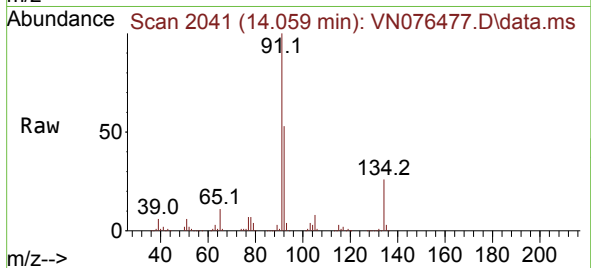
Tgt Ion: 91 Resp: 292786

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.9

134 26.1 13.2 39.5



#90

Hexachloroethane

Concen: 20.745 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076477.D

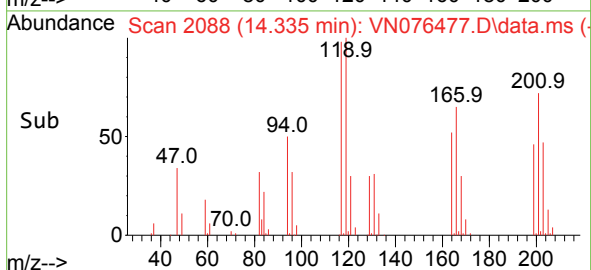
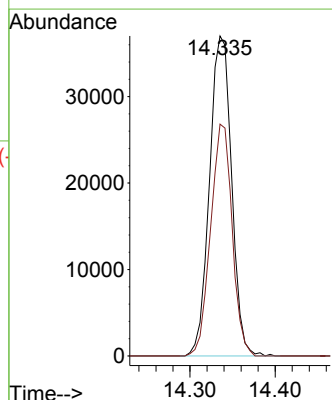
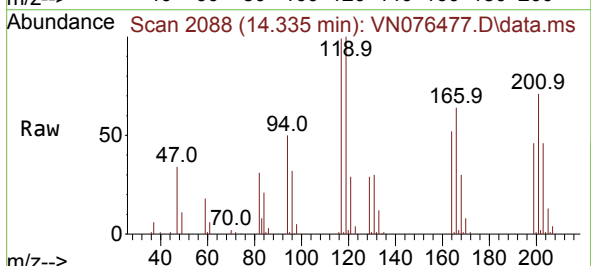
Acq: 31 Jan 2023 10:38

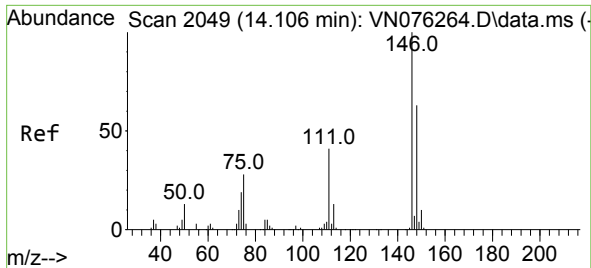
Tgt Ion: 117 Resp: 66618

Ion Ratio Lower Upper

117 100

201 70.6 37.3 111.9

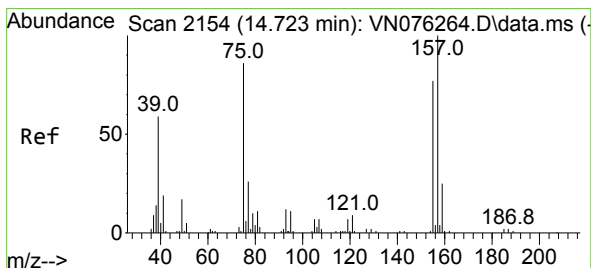
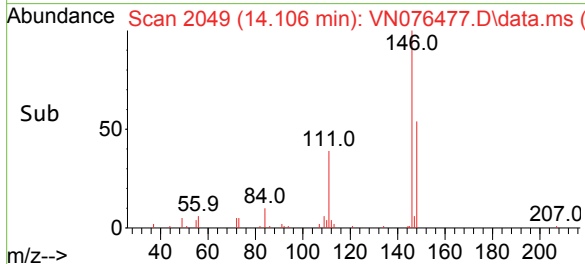
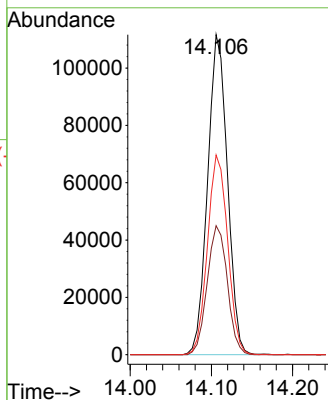
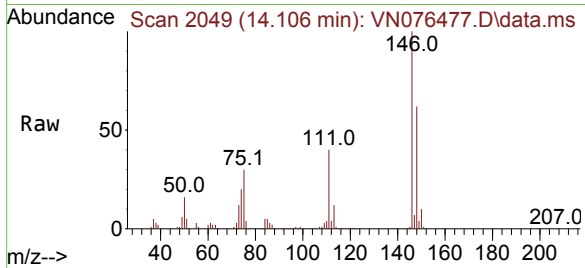




#91
 1,2-Dichlorobenzene
 Concen: 18.414 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

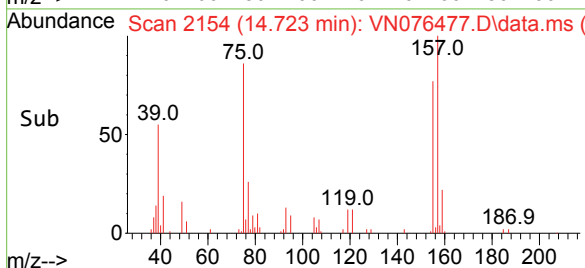
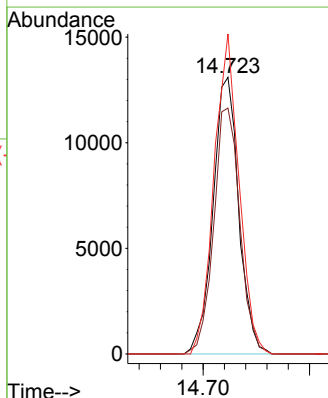
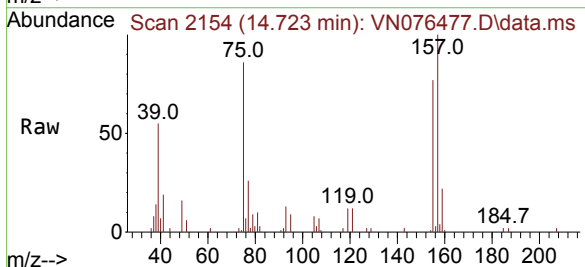
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

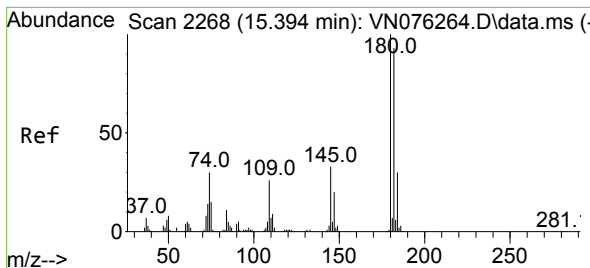
Tgt Ion:146 Resp: 189182
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.8
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.095 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VN076477.D
 Acq: 31 Jan 2023 10:38

Tgt Ion: 75 Resp: 21976
 Ion Ratio Lower Upper
 75 100
 155 90.1 45.0 135.0
 157 111.6 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 16.823 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

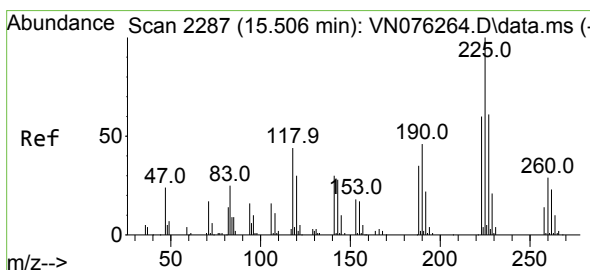
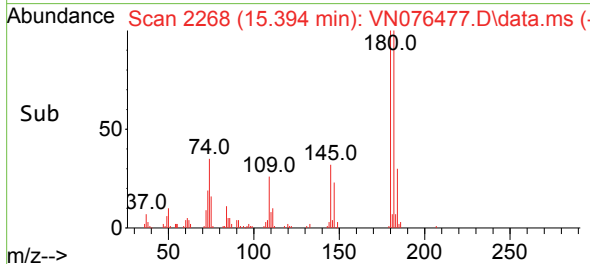
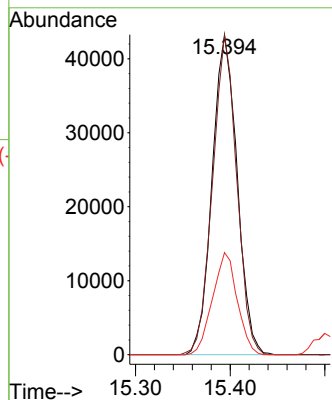
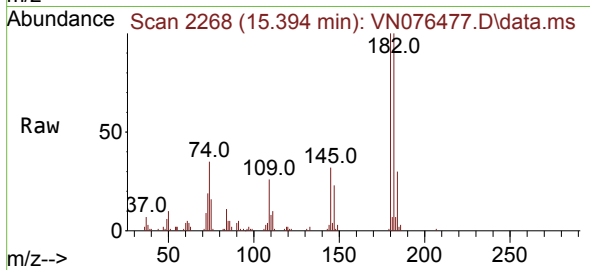
Tgt Ion:180 Resp: 79096

Ion Ratio Lower Upper

180 100

182 96.7 47.0 141.2

145 31.5 15.2 45.5



#94

Hexachlorobutadiene

Concen: 18.180 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN076477.D

Acq: 31 Jan 2023 10:38

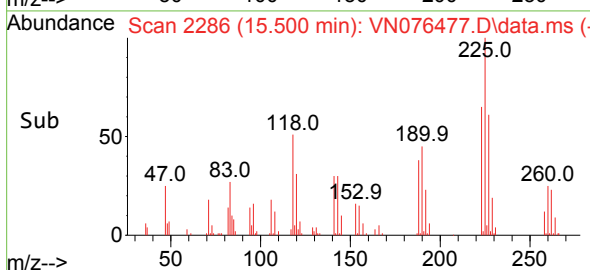
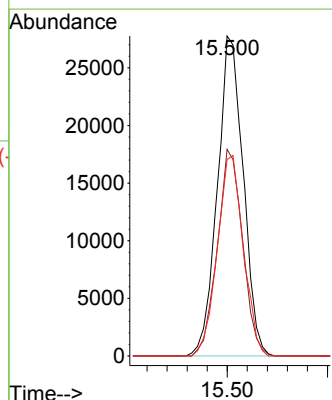
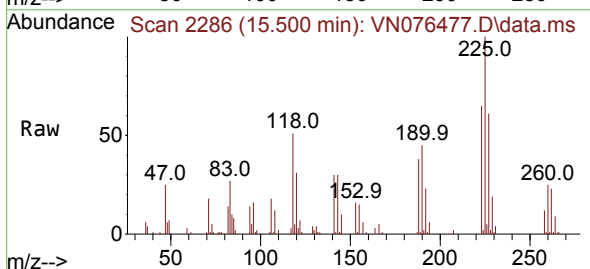
Tgt Ion:225 Resp: 49565

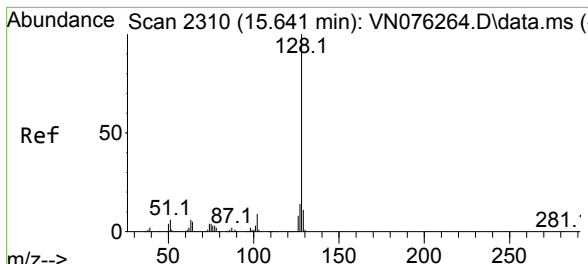
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 62.9 30.9 92.8

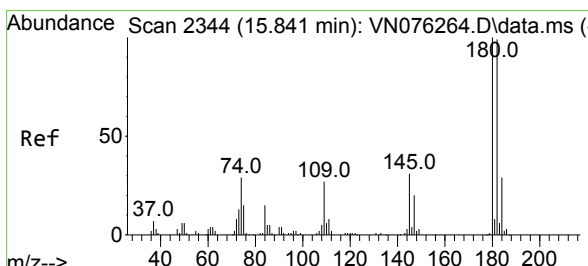
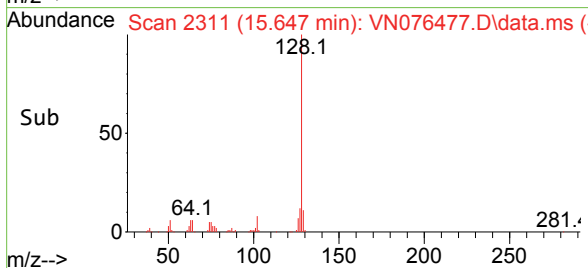
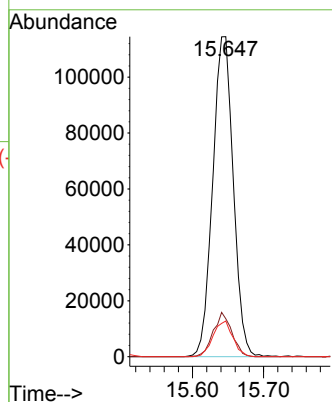
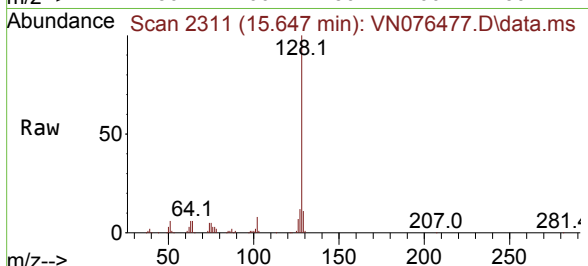




#95
Naphthalene
Concen: 16.910 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tgt Ion:	128	Resp:	229981
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.112 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076477.D
Acq: 31 Jan 2023 10:38

Tgt Ion:	180	Resp:	91828
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.5	142.5
145	33.8	15.9	47.6

