

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072213.D
 Acq On : 27 Apr 2022 14:05
 Operator : JC\MD
 Sample : N2522-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1757

Quant Time: Apr 28 06:03:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

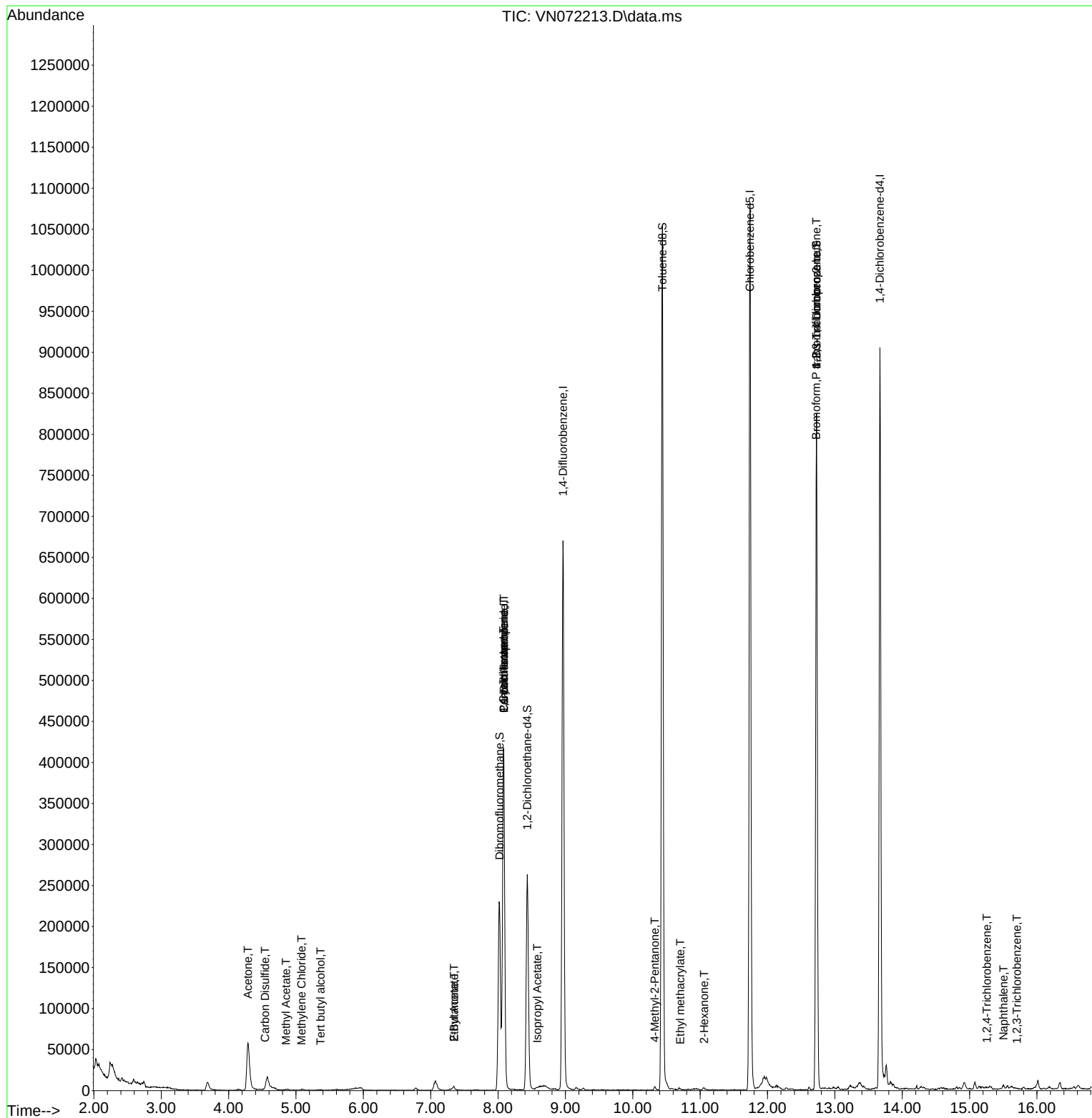
Internal Standards						
1) Pentafluorobenzene	8.086	168	299786	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	574703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	617437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	235902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	225106	48.911	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.820%
35) Dibromofluoromethane	8.022	113	171333	46.578	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.160%
50) Toluene-d8	10.439	98	731737	50.625	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.727	95	292176	60.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1944	Below Cal	#	43
5) Bromomethane	2.875	94	721	Below Cal	#	73
6) Chloroethane	2.999	64	561	Below Cal	#	42
11) Tert butyl alcohol	5.363	59	1051	1.390	ug/l	# 72
16) Acetone	4.287	43	112558	56.725	ug/l	100
17) Carbon Disulfide	4.540	76	304	0.408	ug/l	# 75
18) Methyl Acetate	4.851	43	1482	0.228	ug/l	# 48
20) Methylene Chloride	5.081	84	849	0.223	ug/l	# 51
25) 2-Butanone	7.345	43	8168	2.585	ug/l	# 71
31) Cyclohexane	8.081	56	7601	1.236	ug/l	# 5
36) 1,1-Dichloropropene	8.086	75	26265	4.906	ug/l	# 50
37) Ethyl Acetate	7.345	43	8168	1.149	ug/l	# 67
38) Carbon Tetrachloride	8.086	117	33287	5.805	ug/l	# 16
43) Isopropyl Acetate	8.581	43	2980	1.064	ug/l	# 53
51) 4-Methyl-2-Pentanone	10.327	43	3736	0.557	ug/l	# 85
56) Ethyl methacrylate	10.704	69	146	2.384	ug/l	# 14
59) 2-Hexanone	11.057	43	2947	0.623	ug/l	# 21
71) Bromoform	12.721	173	1431	0.409	ug/l	# 28
75) 1,1,2,2-Tetrachloroethane	12.727	83	127	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	156726	29.582	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	156726	76.819	ug/l	# 10
93) 1,2,4-Trichlorobenzene	15.257	180	474	2.544	ug/l	# 72
95) Naphthalene	15.504	128	6224	4.765	ug/l	# 92
96) 1,2,3-Trichlorobenzene	15.704	180	387	2.775	ug/l	# 66

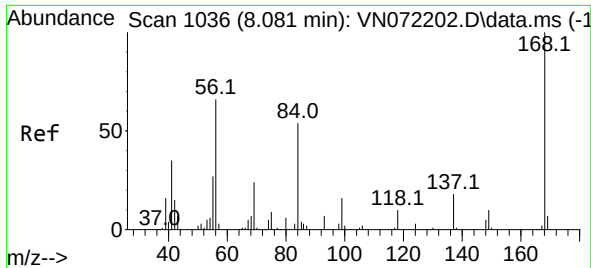
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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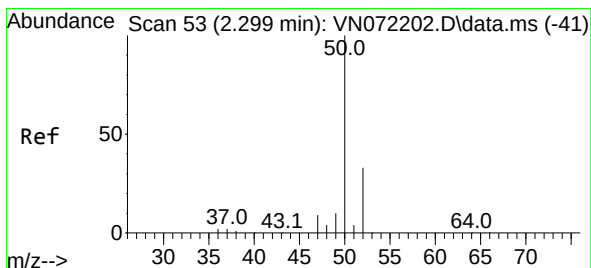
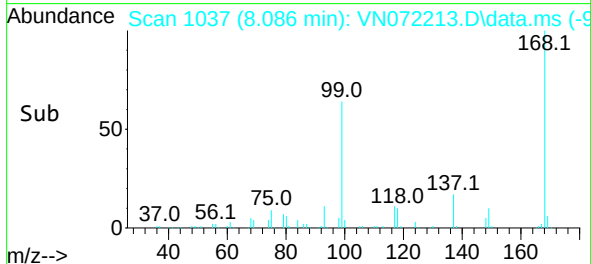
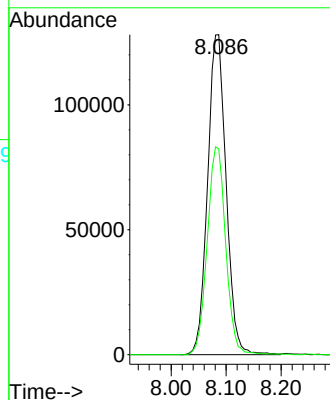
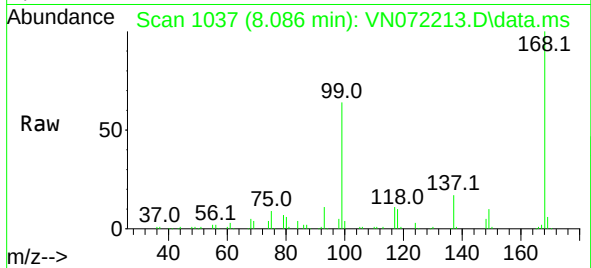




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

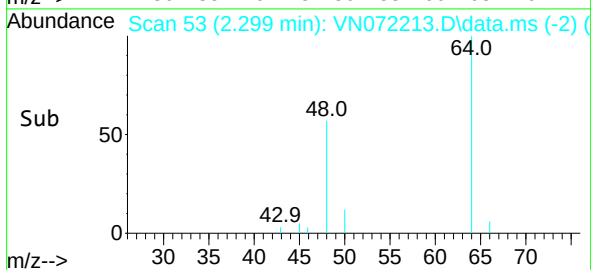
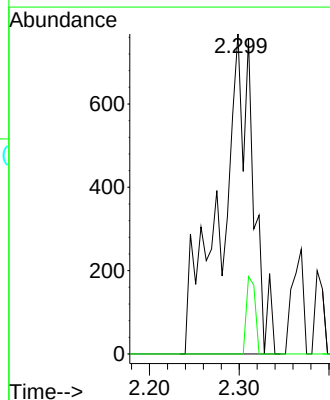
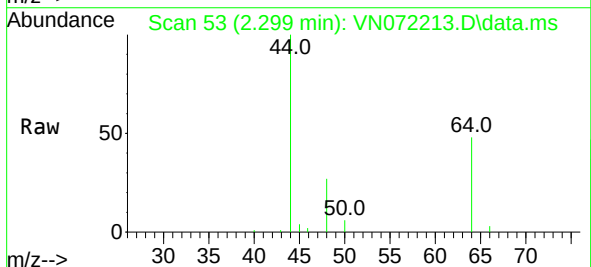
Instrument :
MSVOA_N
ClientSampleId :
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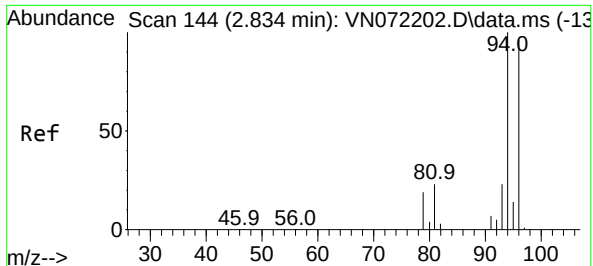
Tgt Ion:168 Resp: 299786
Ion Ratio Lower Upper
168 100
99 64.3 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion: 50 Resp: 1944
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

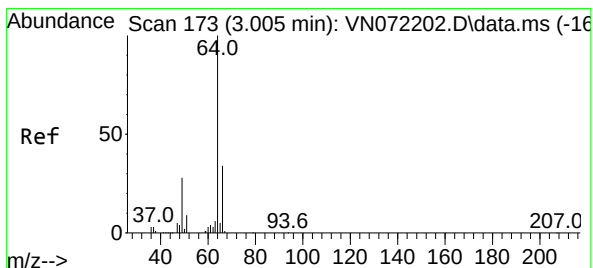
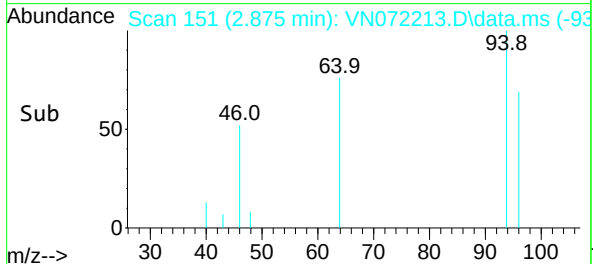
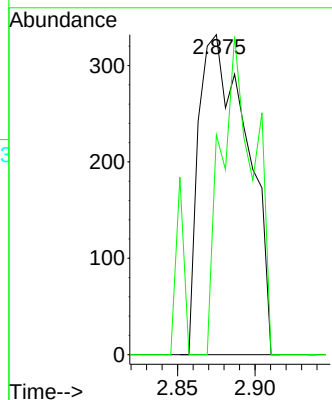
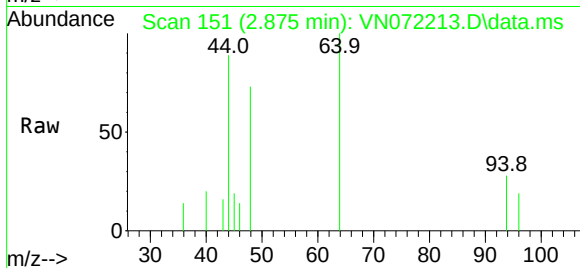




#5
Bromomethane
Concen: Below Cal
RT: 2.875 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

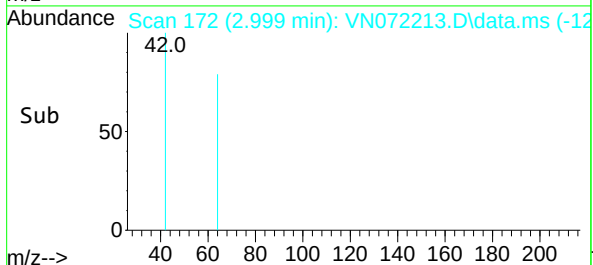
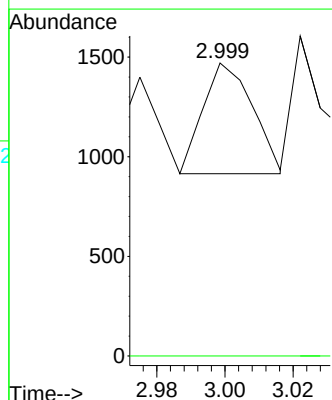
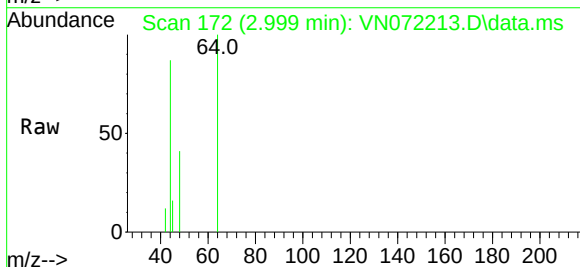
Instrument :
MSVOA_N
ClientSampleId :
NWB-1757

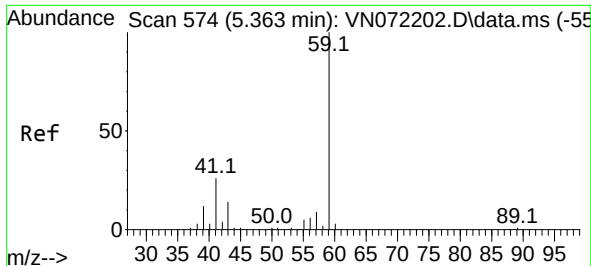
Tgt Ion: 94 Resp: 721
Ion Ratio Lower Upper
94 100
96 68.7 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion: 64 Resp: 561
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

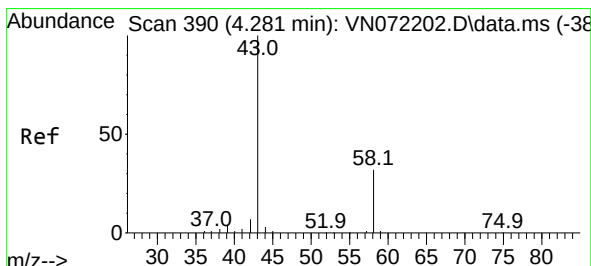
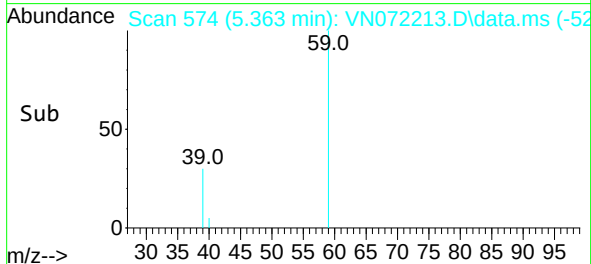
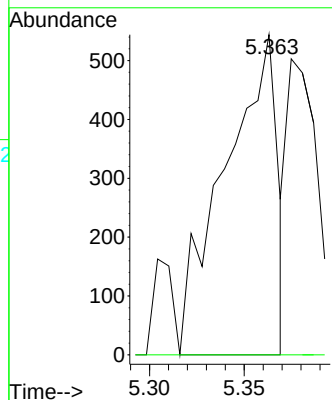
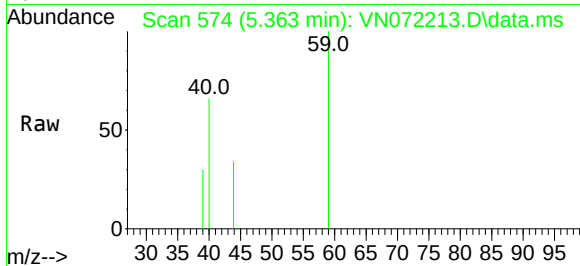




#11
Tert butyl alcohol
Concen: 1.390 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

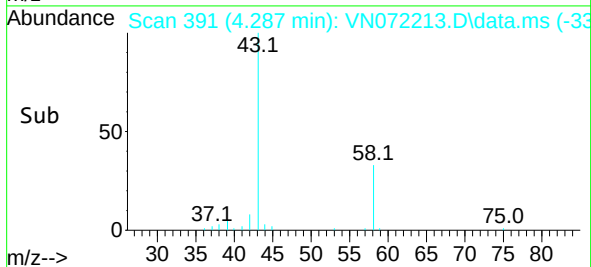
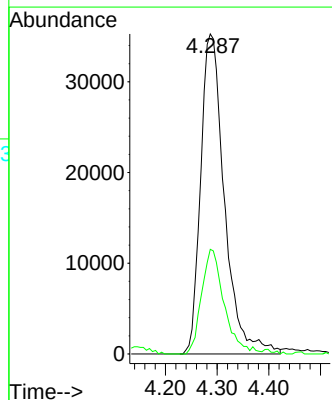
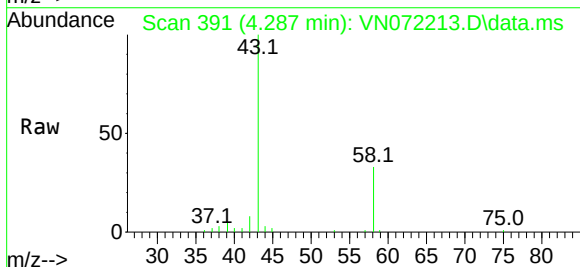
Instrument :
MSVOA_N
ClientSampleId :
NWB-1757

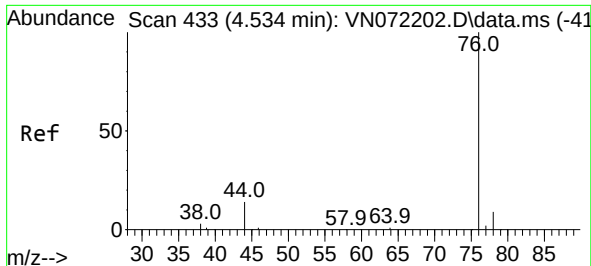
Tgt Ion: 59 Resp: 1051
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 56.725 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion: 43 Resp: 112558
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0





#17

Carbon Disulfide

Concen: 0.408 ug/l

RT: 4.540 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072213.D

Acq: 27 Apr 2022 14:05

Instrument :

MSVOA_N

ClientSampleId :

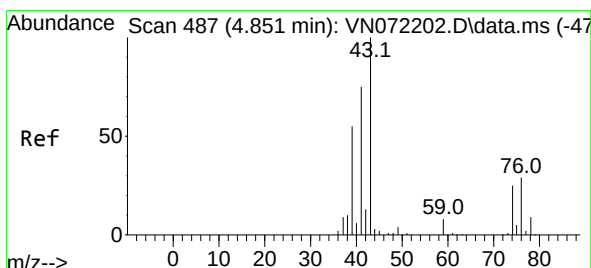
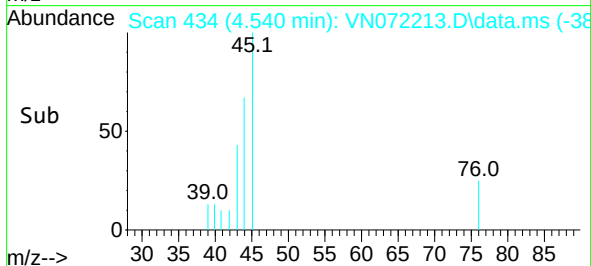
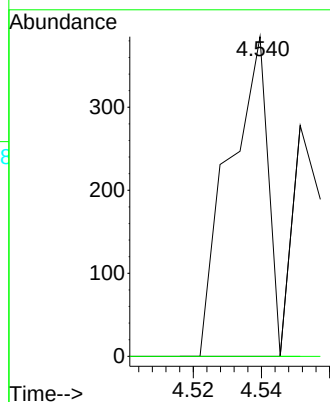
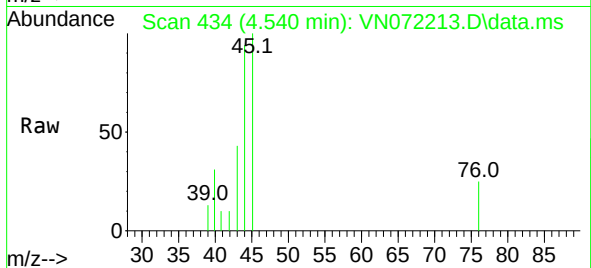
NWB-1757

Tgt Ion: 76 Resp: 304

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 0.228 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.000 min

Lab File: VN072213.D

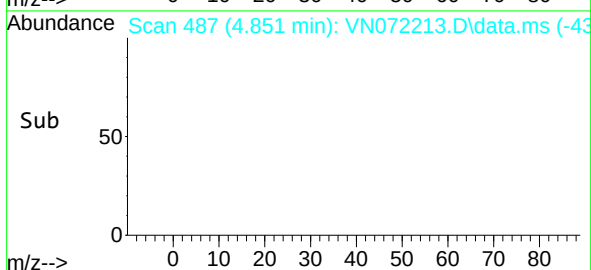
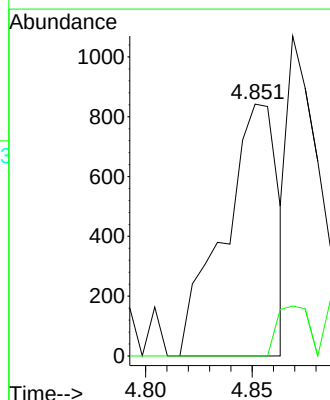
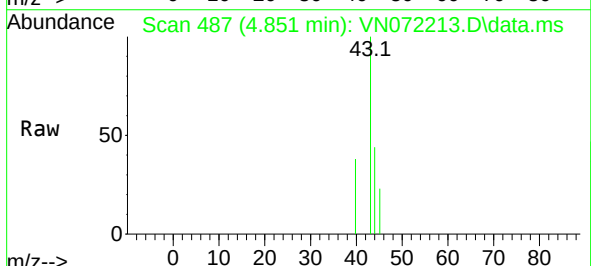
Acq: 27 Apr 2022 14:05

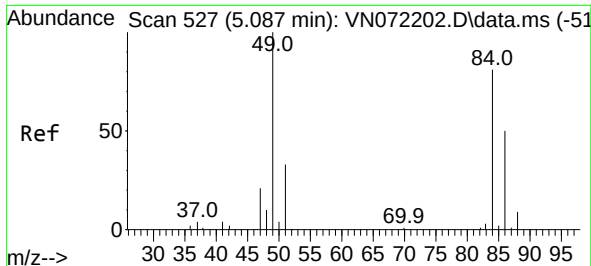
Tgt Ion: 43 Resp: 1482

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#

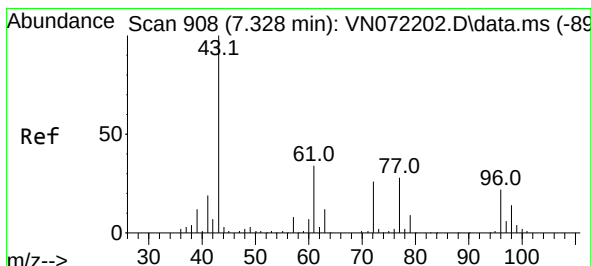
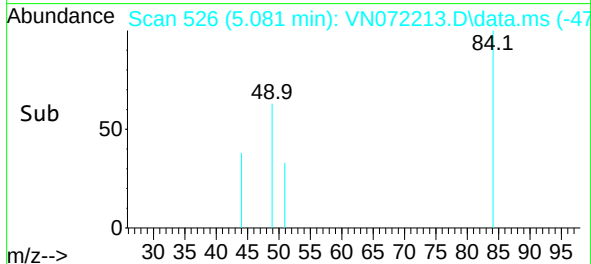
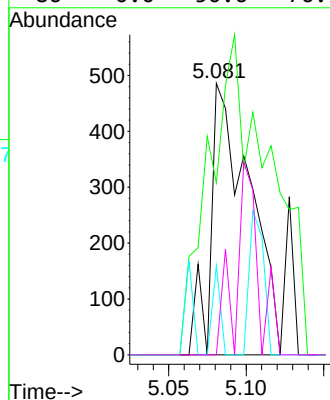
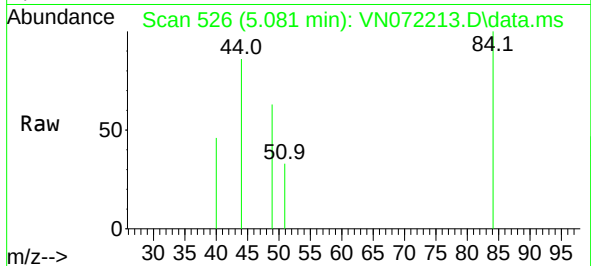




#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 5.081 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

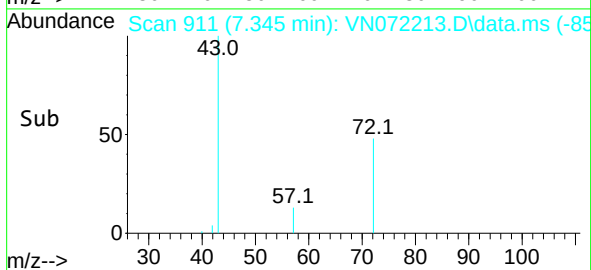
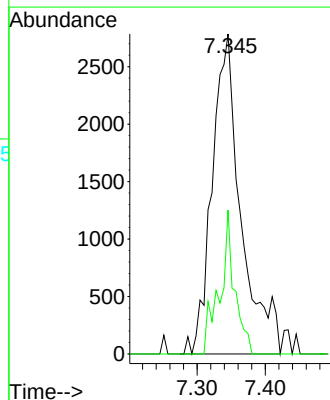
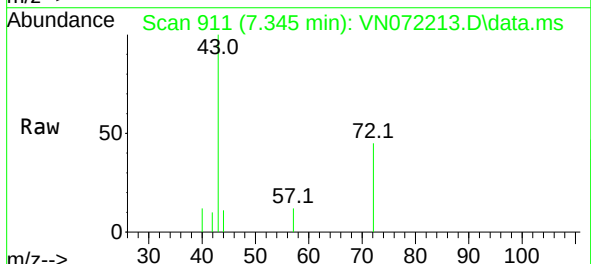
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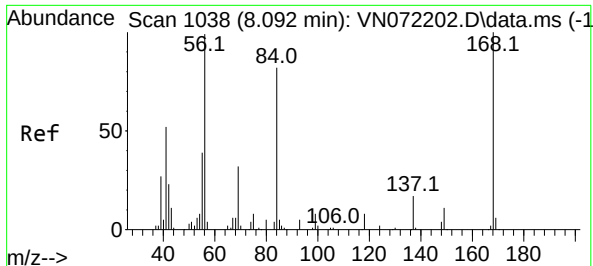
Tgt Ion: 84	Resp:	849
Ion	Ratio	Lower Upper
84	100	
49	63.4	88.3 132.5#
51	32.7	28.2 42.2
86	0.0	50.6 76.0#



#25
2-Butanone
Concen: 2.585 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion: 43	Resp:	8168
Ion	Ratio	Lower Upper
43	100	
72	45.0	23.7 35.5#





#31

Cyclohexane

Concen: 1.236 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072213.D

Acq: 27 Apr 2022 14:05

Instrument :

MSVOA_N

ClientSampleId :

NWB-1757

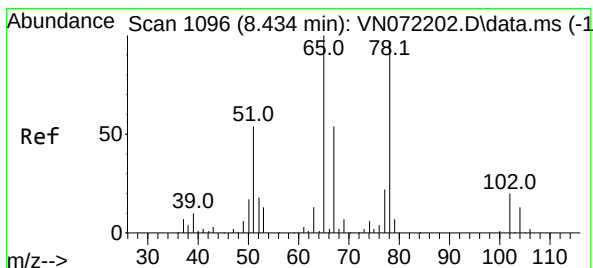
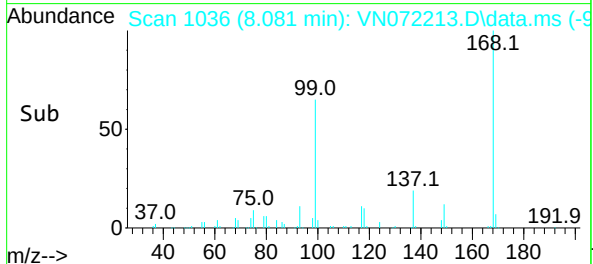
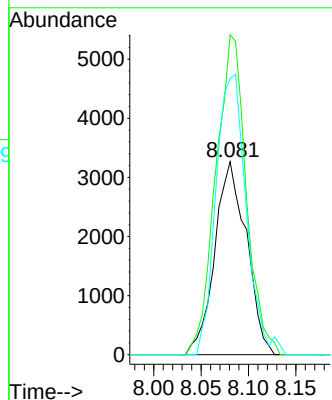
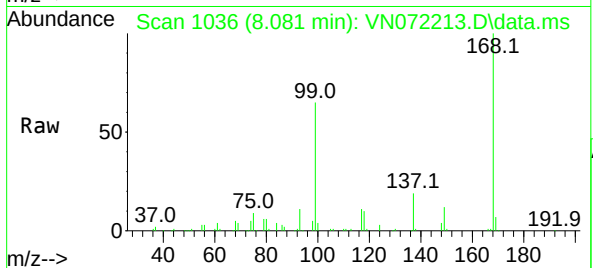
Tgt Ion: 56 Resp: 7601

Ion Ratio Lower Upper

56 100

69 165.8 27.8 41.8#

84 143.0 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 48.911 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072213.D

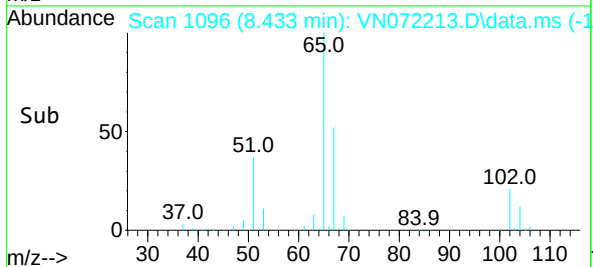
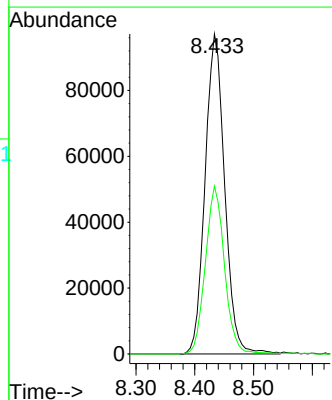
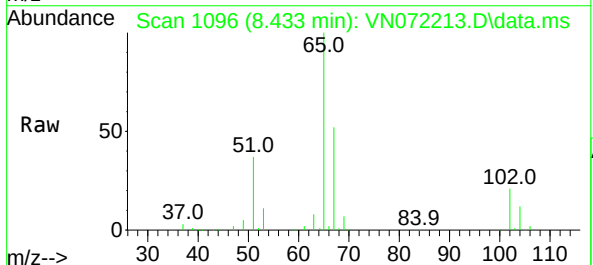
Acq: 27 Apr 2022 14:05

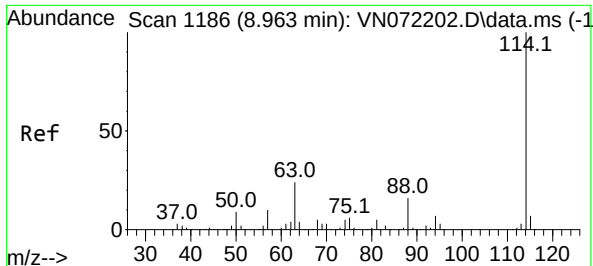
Tgt Ion: 65 Resp: 225106

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8

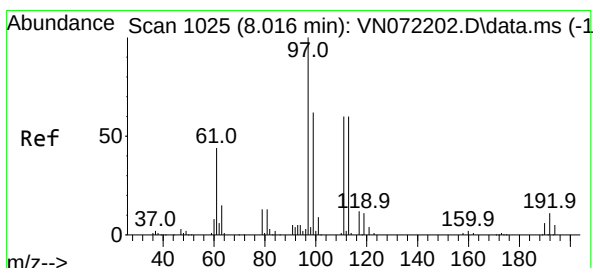
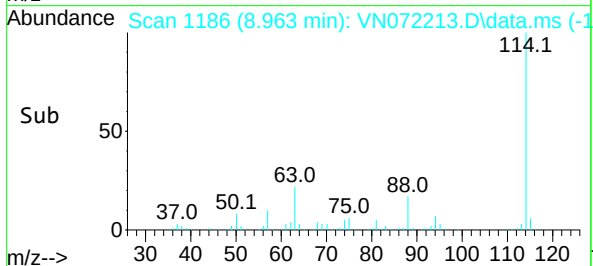
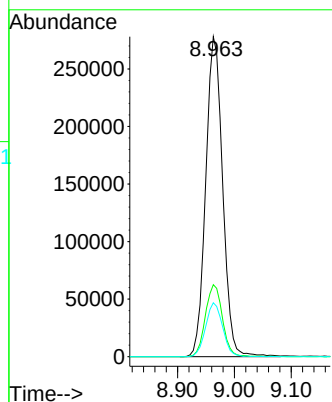
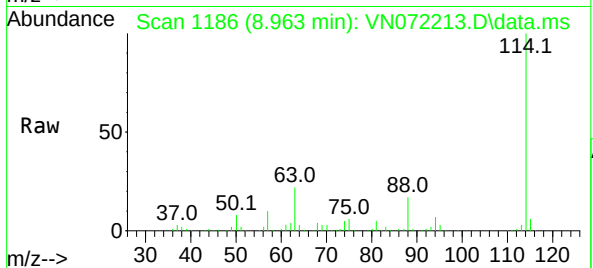




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

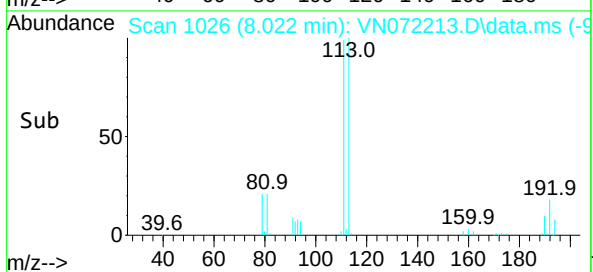
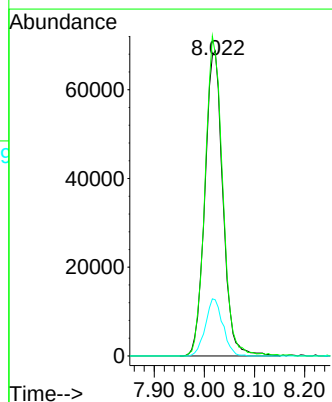
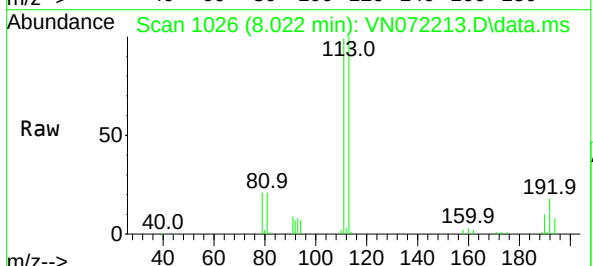
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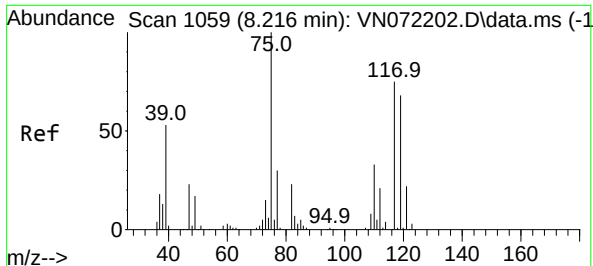
Tgt Ion:114 Resp: 574703
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.0
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.578 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion:113 Resp: 171333
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 18.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.906 ug/l

RT: 8.086 min Scan# 1059

Delta R.T. -0.130 min

Lab File: VN072213.D

Acq: 27 Apr 2022 14:05

Instrument :

MSVOA_N

ClientSampleId :

NWB-1757

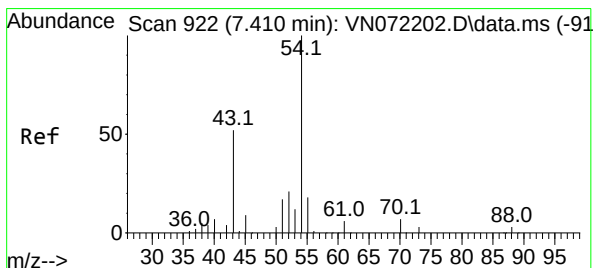
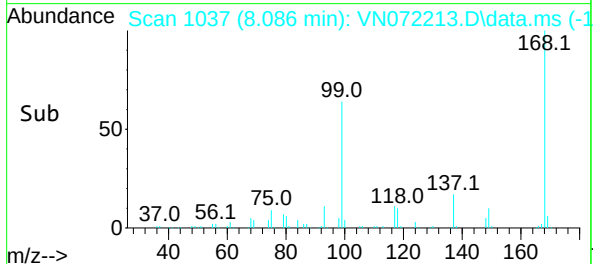
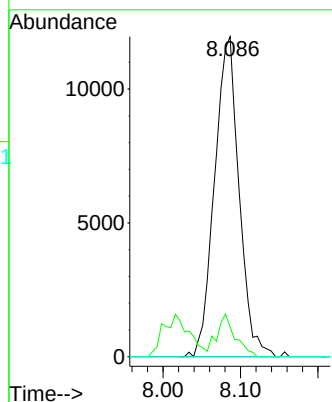
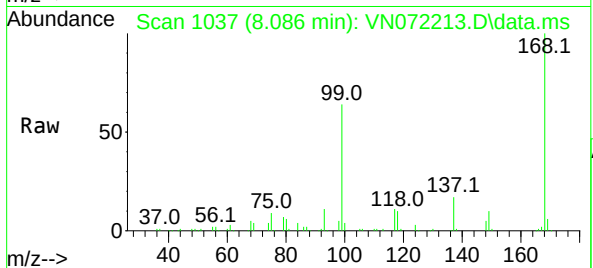
Tgt Ion: 75 Resp: 26265

Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.149 ug/l

RT: 7.345 min Scan# 911

Delta R.T. -0.065 min

Lab File: VN072213.D

Acq: 27 Apr 2022 14:05

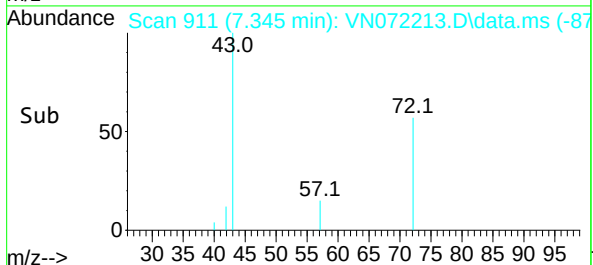
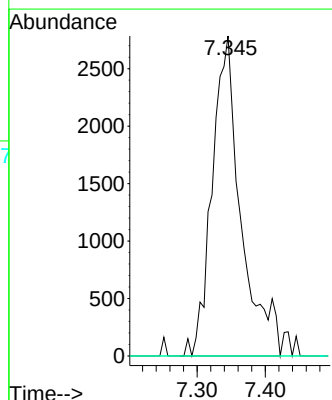
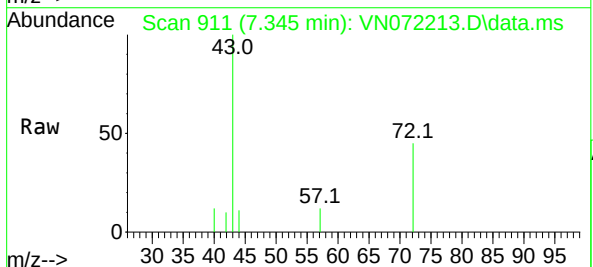
Tgt Ion: 43 Resp: 8168

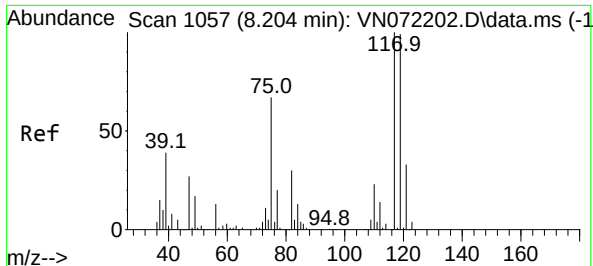
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

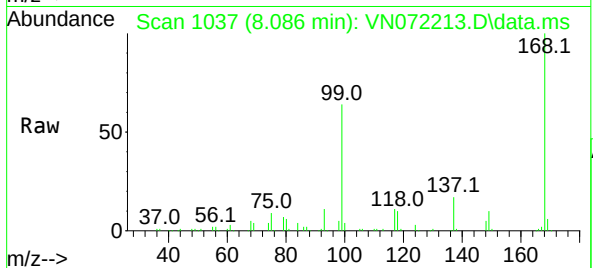
70 0.0 9.3 13.9#



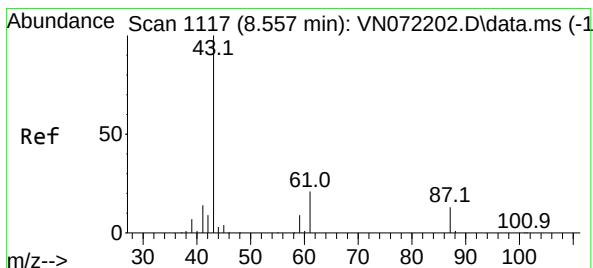
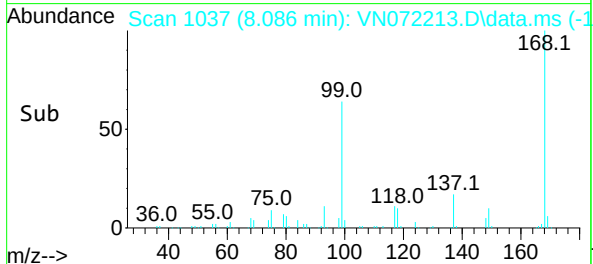
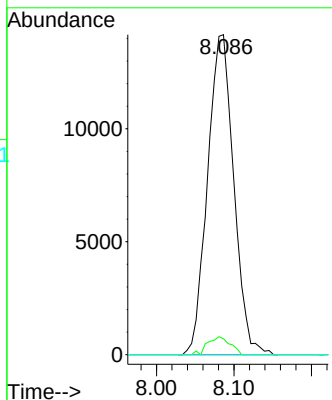


#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 8.086 min Scan# 1107
Delta R.T. -0.118 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
NWB-1757

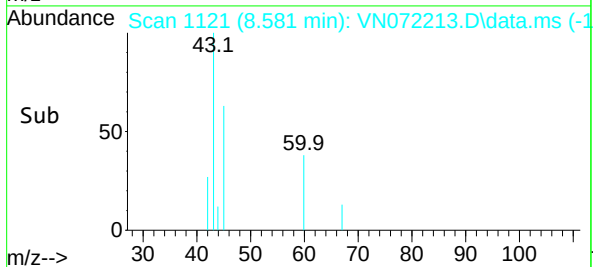
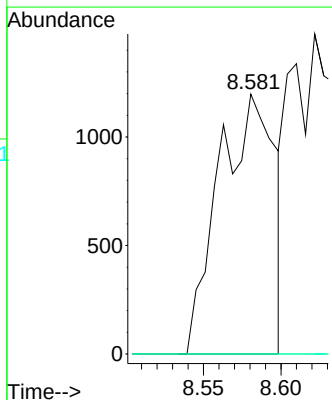
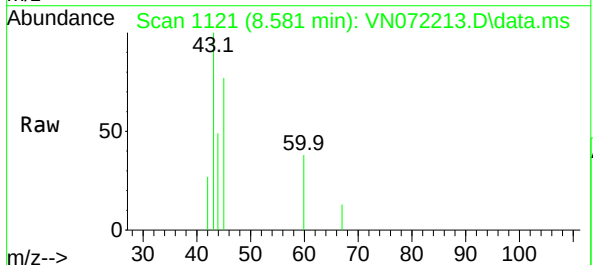


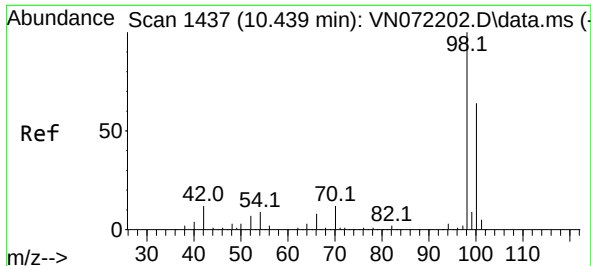
Tgt Ion:117 Resp: 33287
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.064 ug/l
RT: 8.581 min Scan# 1121
Delta R.T. 0.024 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion: 43 Resp: 2980
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

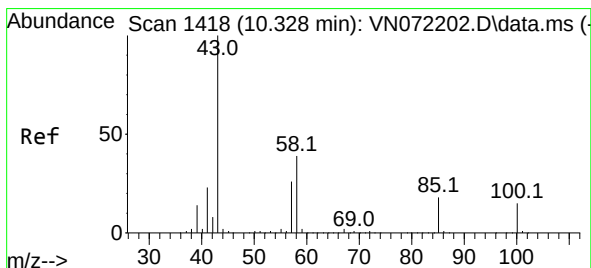
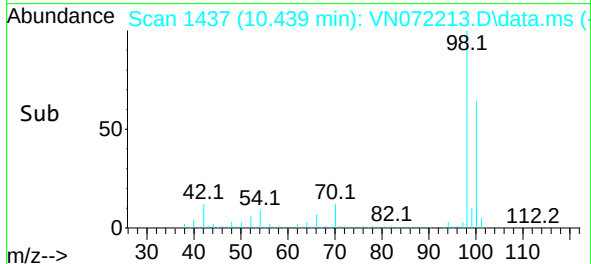
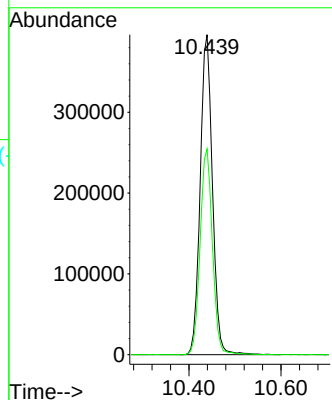
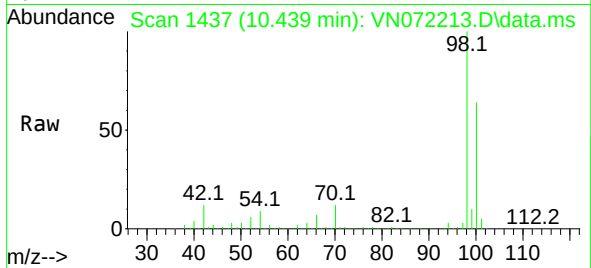




#50
Toluene-d8
Concen: 50.625 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

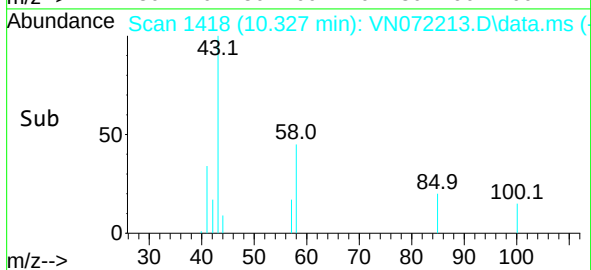
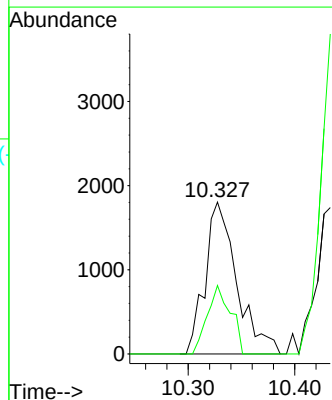
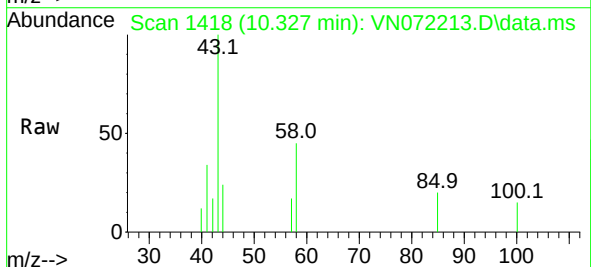
Instrument :
MSVOA_N
ClientSampleId :
NWB-1757

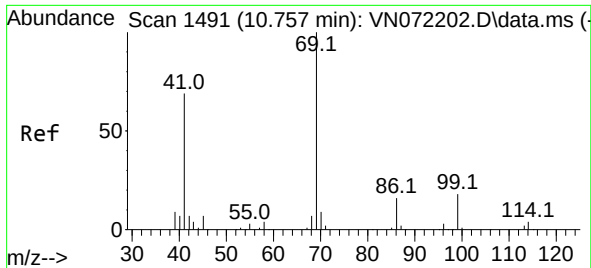
Tgt Ion: 98 Resp: 731737
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion: 43 Resp: 3736
Ion Ratio Lower Upper
43 100
58 33.1 34.1 51.1#

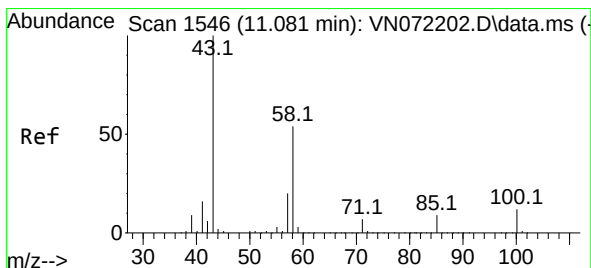
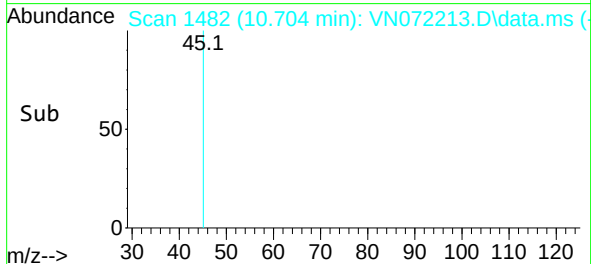
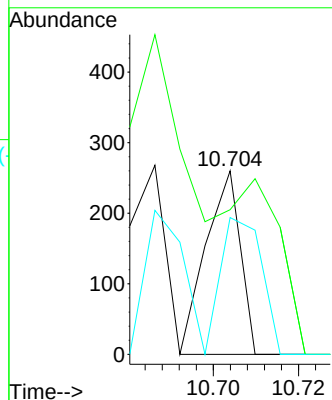
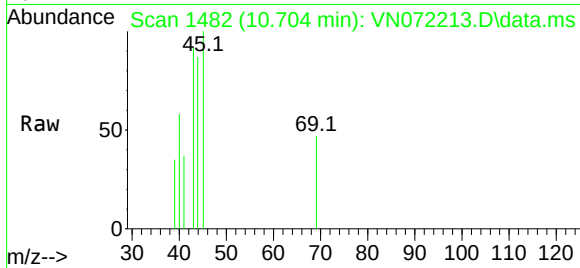




#56
Ethyl methacrylate
Concen: 2.384 ug/l
RT: 10.704 min Scan# 1482
Delta R.T. -0.053 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

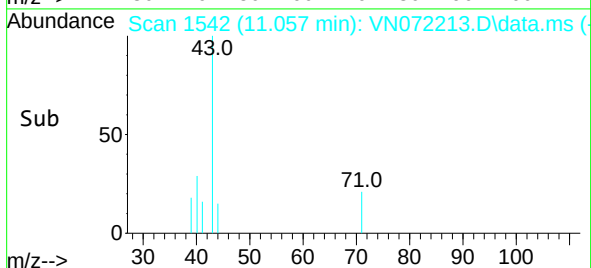
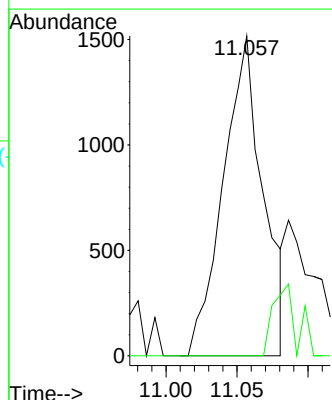
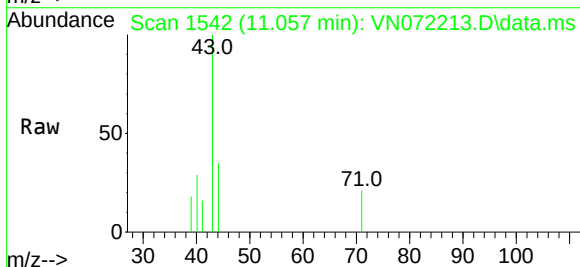
Instrument :
MSVOA_N
ClientSampleId :
NWB-1757

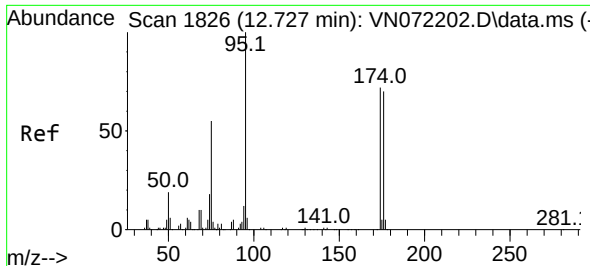
Tgt Ion: 69 Resp: 146
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 89.7 27.3 40.9#



#59
2-Hexanone
Concen: 0.623 ug/l
RT: 11.057 min Scan# 1542
Delta R.T. -0.024 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion: 43 Resp: 2947
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#

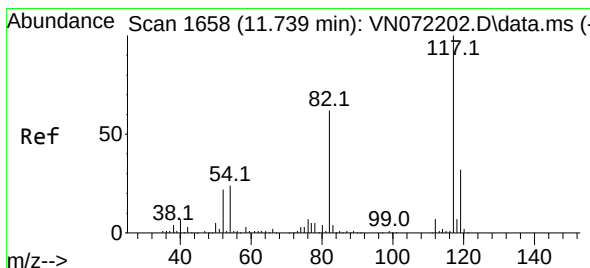
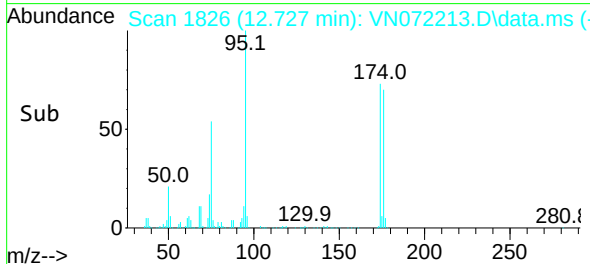
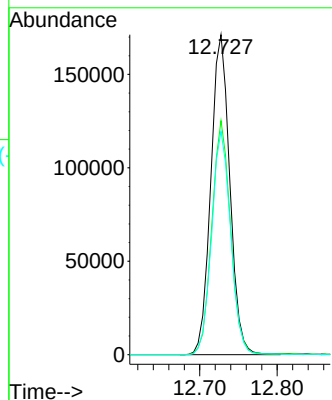
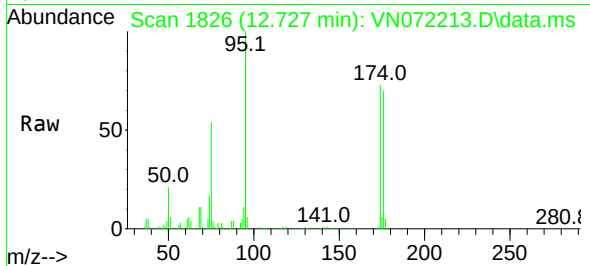




#62
4-Bromofluorobenzene
Concen: 60.901 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

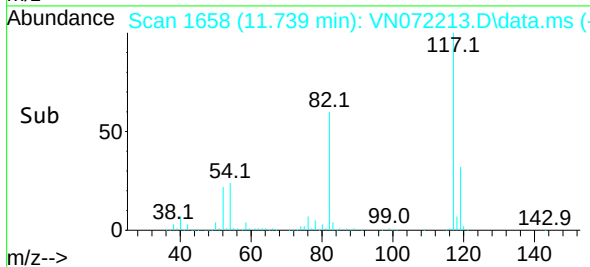
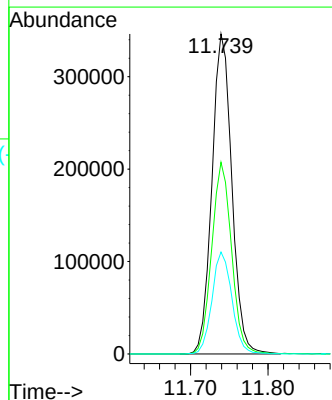
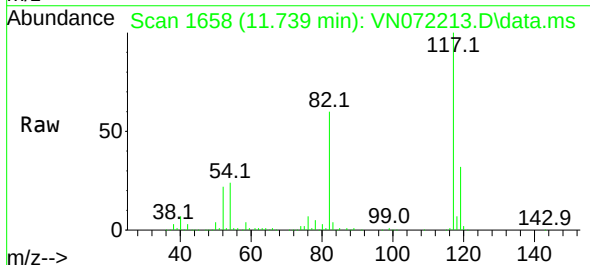
Instrument :
MSVOA_N
ClientSampleId :
NWB-1757

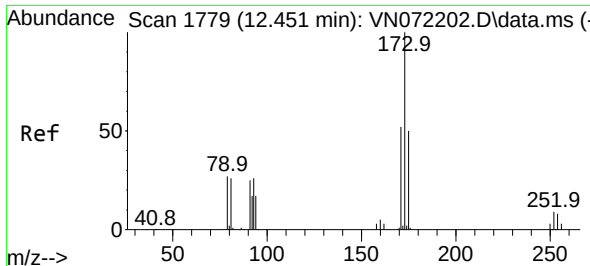
Tgt Ion: 95 Resp: 292176
Ion Ratio Lower Upper
95 100
174 72.3 0.0 167.6
176 69.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion: 117 Resp: 617437
Ion Ratio Lower Upper
117 100
82 59.9 44.2 66.2
119 31.8 25.4 38.0

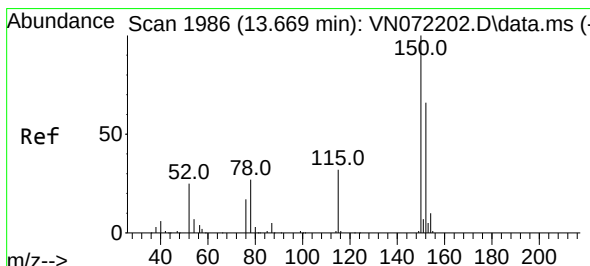
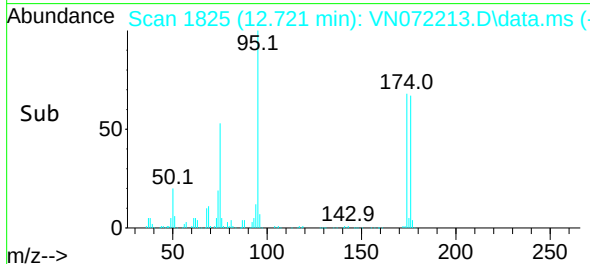
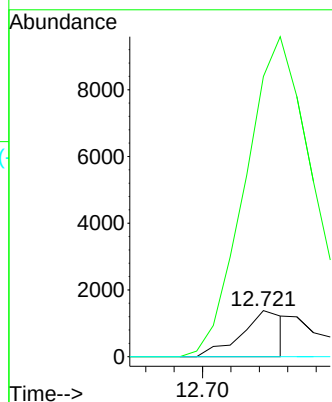
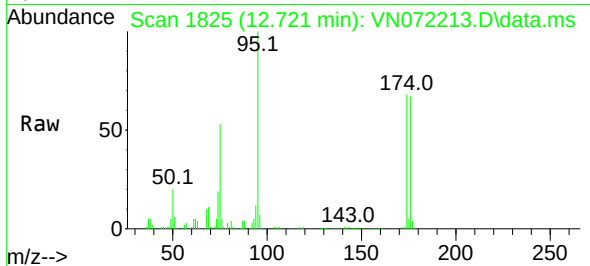




#71
Bromoform
Concen: 0.409 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

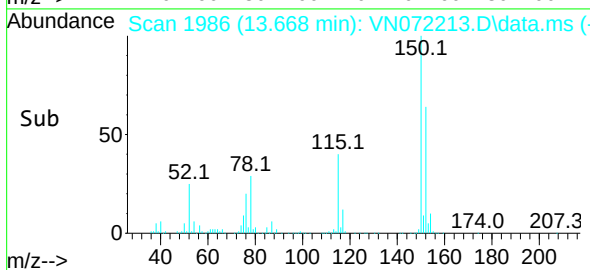
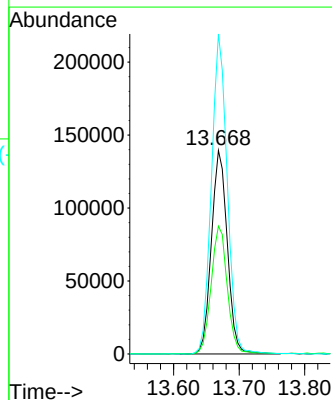
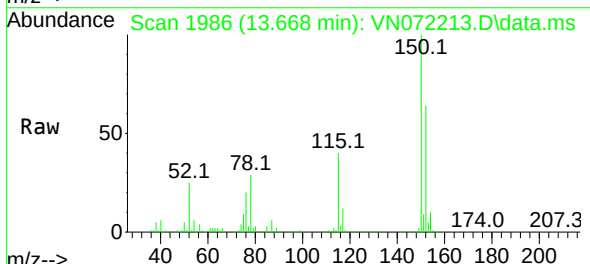
Instrument :
MSVOA_N
ClientSampleId :
NWB-1757

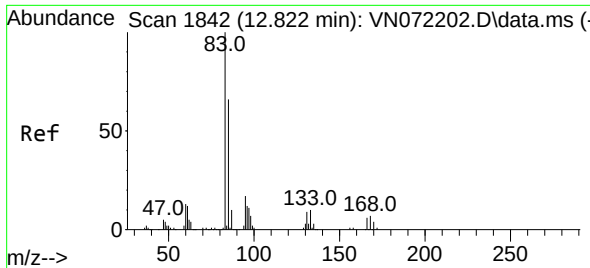
Tgt Ion:173 Resp: 1431
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion:152 Resp: 235902
Ion Ratio Lower Upper
152 100
115 63.9 28.9 86.7
150 155.5 0.0 356.2

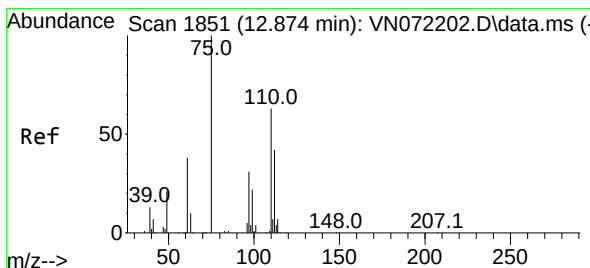
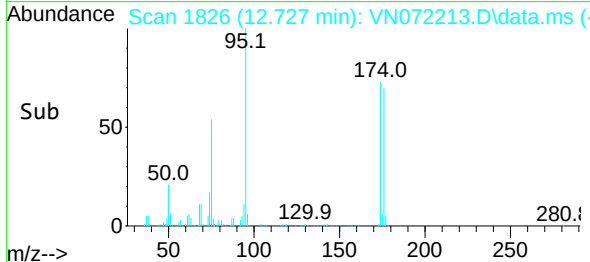
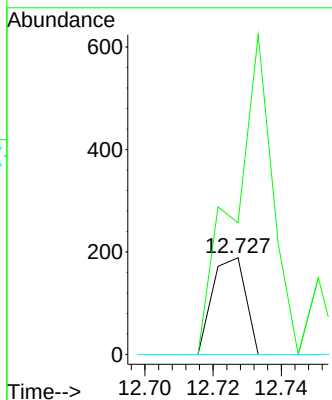
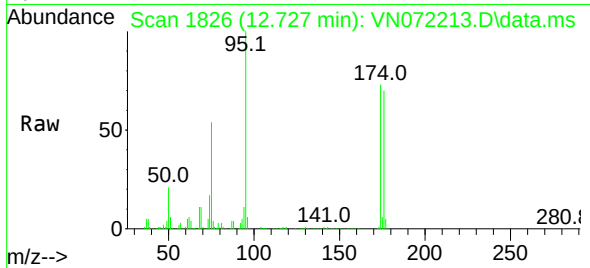




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.095 min
 Lab File: VN072213.D
 Acq: 27 Apr 2022 14:05

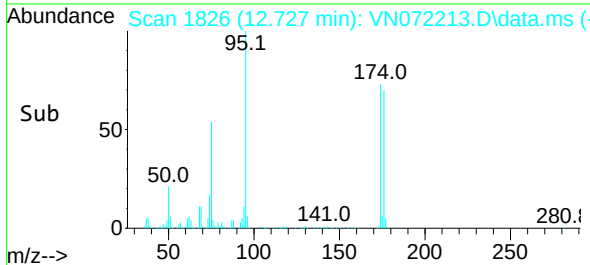
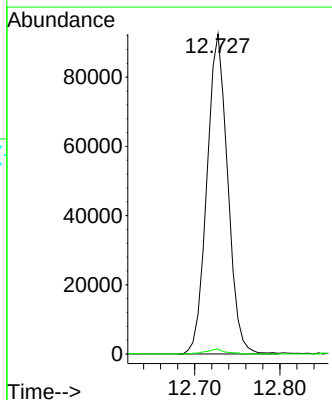
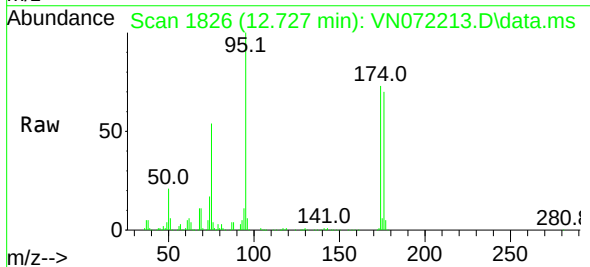
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1757

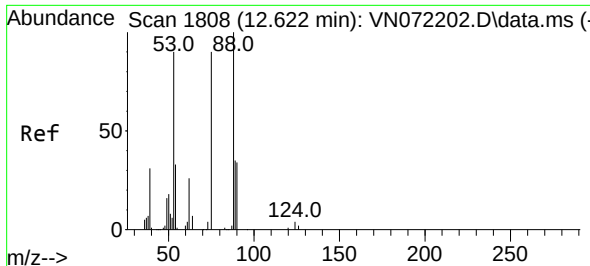
Tgt Ion: 83 Resp: 127
 Ion Ratio Lower Upper
 83 100
 131 426.8 5.3 15.9#
 85 0.0 32.3 96.9#



#76
 1,2,3-Trichloropropane
 Concen: 29.582 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072213.D
 Acq: 27 Apr 2022 14:05

Tgt Ion: 75 Resp: 156726
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#

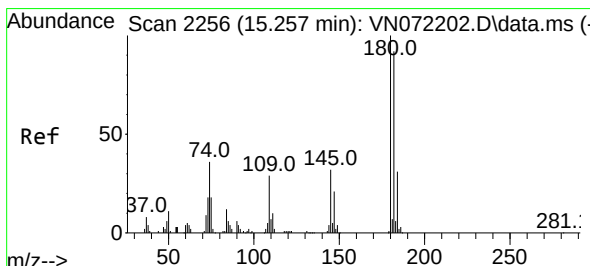
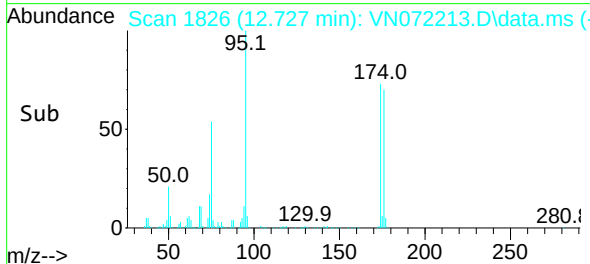
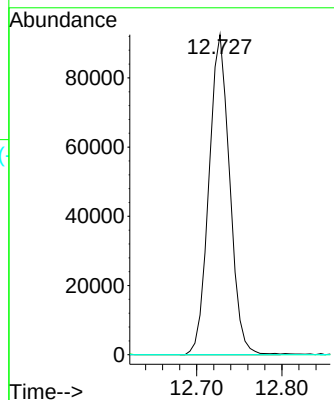
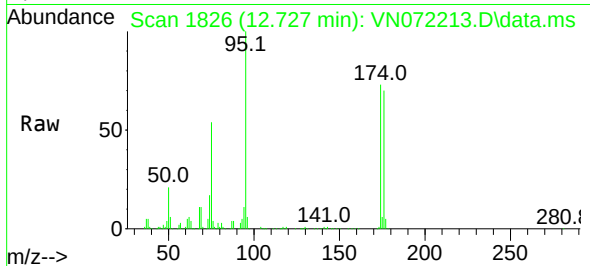




#81
trans-1,4-Dichloro-2-butene
Concen: 76.819 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

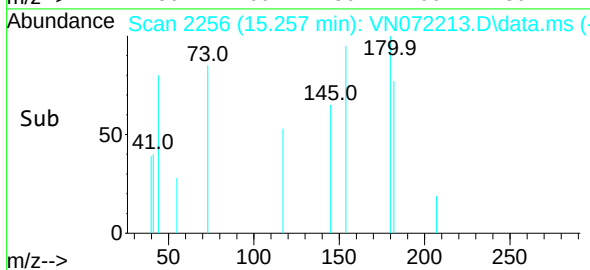
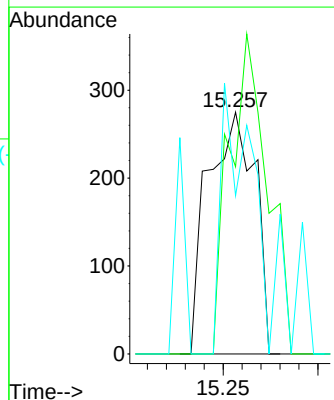
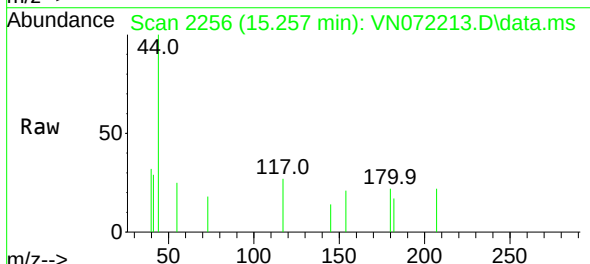
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ClientSampleId :
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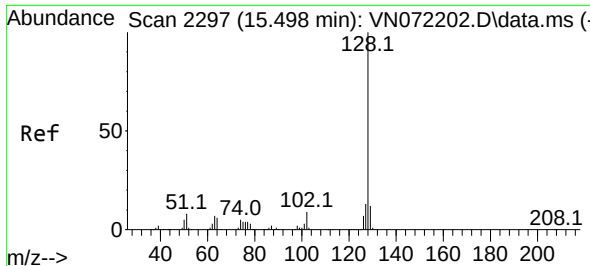
Tgt Ion: 75 Resp: 156726
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.544 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion: 180 Resp: 474
Ion Ratio Lower Upper
180 100
182 106.8 47.5 142.5
145 70.9 14.5 43.5#

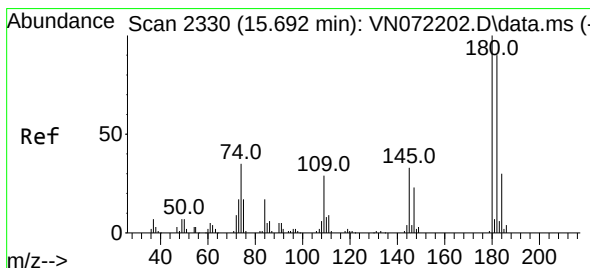
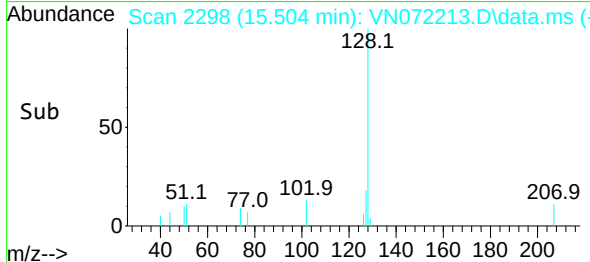
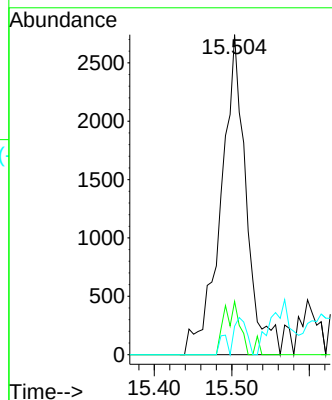
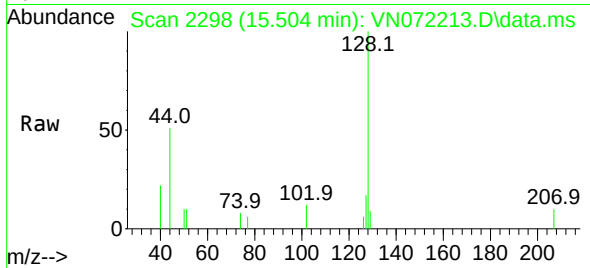




#95
Naphthalene
Concen: 4.765 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
NWB-1757

Tgt Ion:128 Resp: 6224
Ion Ratio Lower Upper
128 100
127 10.1 10.3 15.5#
129 7.5 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.775 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN072213.D
Acq: 27 Apr 2022 14:05

Tgt Ion:180 Resp: 387
Ion Ratio Lower Upper
180 100
182 121.2 47.8 143.3
145 0.0 15.5 46.5#

