

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076214.D
 Acq On : 11 Jan 2023 17:35
 Operator : JC\MD
 Sample : 01125-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2023-1-11

Quant Time: Jan 12 00:39:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

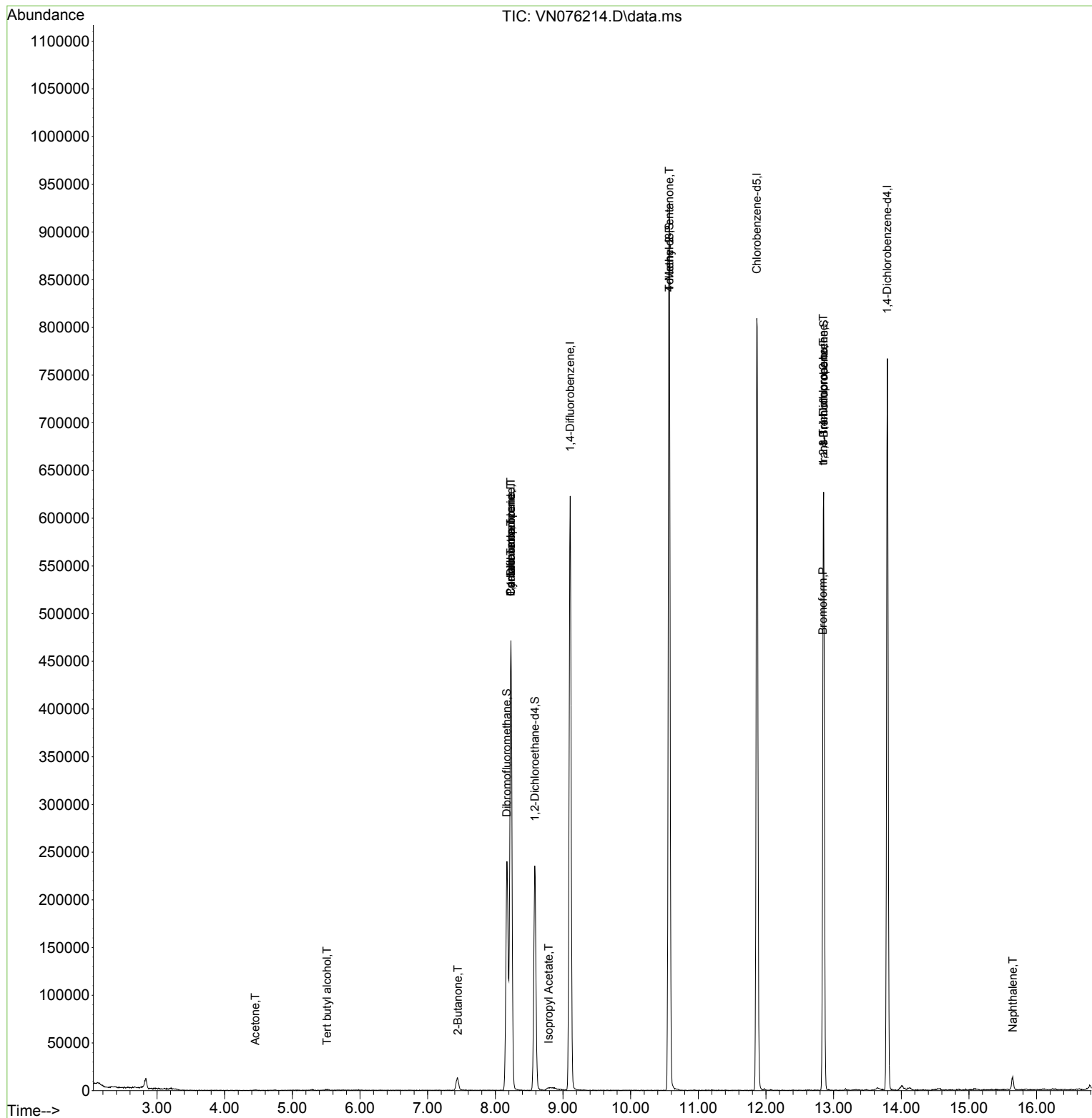
Internal Standards						
1) Pentafluorobenzene	8.230	168	367550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	580688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	511146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	187646	46.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.860%		
35) Dibromofluoromethane	8.171	113	171736	47.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.520%		
50) Toluene-d8	10.571	98	666103	49.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.080%		
62) 4-Bromofluorobenzene	12.853	95	210694	47.312	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.620%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	564	0.997	ug/l #	72
16) Acetone	4.453	43	1138	0.826	ug/l #	39
20) Methylene Chloride	5.294	84	372	Below Cal	#	36
25) 2-Butanone	7.447	43	537	0.278	ug/l #	40
31) Cyclohexane	8.230	56	6703	1.170	ug/l #	23
36) 1,1-Dichloropropene	8.230	75	25700	5.380	ug/l #	49
38) Carbon Tetrachloride	8.230	117	36746	6.873	ug/l #	17
43) Isopropyl Acetate	8.788	43	3550	0.561	ug/l #	50
51) 4-Methyl-2-Pentanone	10.571	43	2857	0.746	ug/l #	1
71) Bromoform	12.841	173	1502	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	107811	24.432	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	107811	87.944	ug/l #	12
95) Naphthalene	15.647	128	13500	3.261	ug/l	96

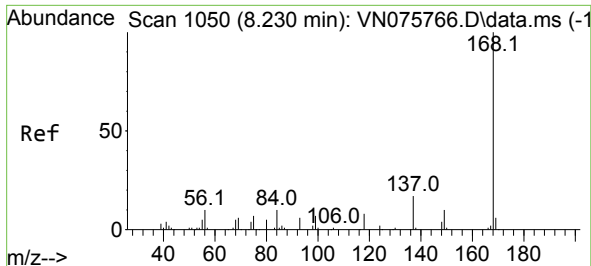
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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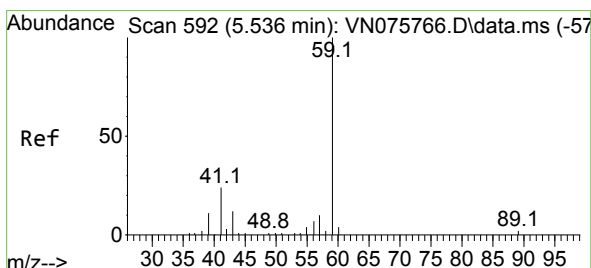
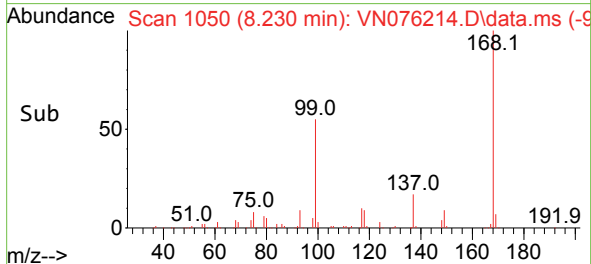
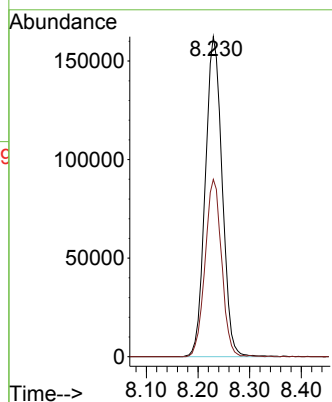
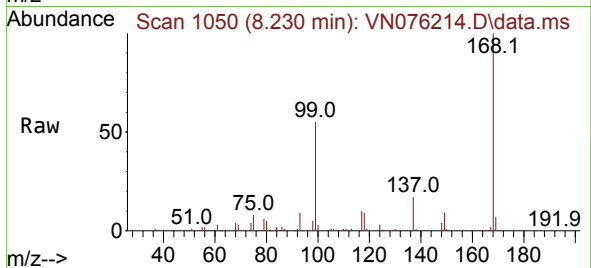




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

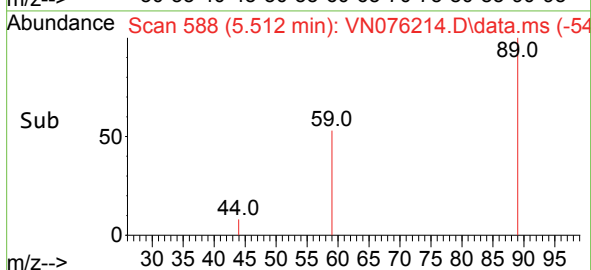
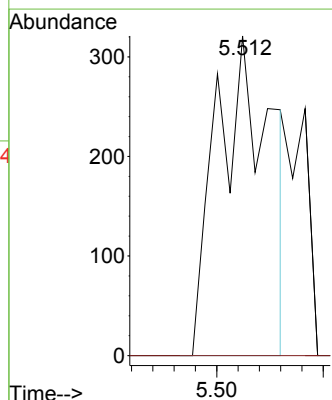
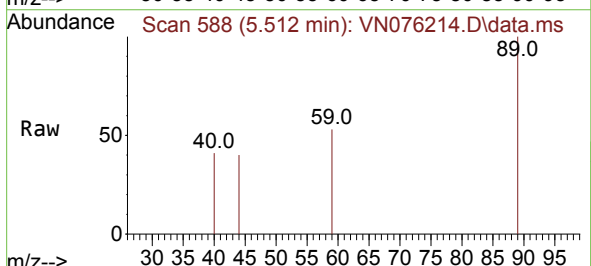
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-11

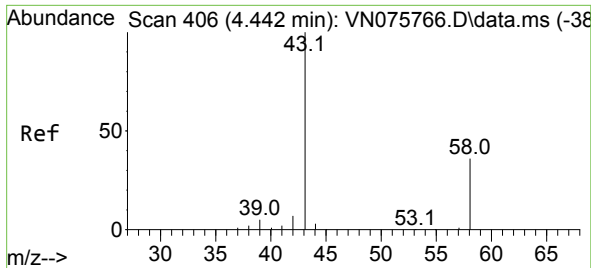
Tgt Ion:168 Resp: 367550
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.997 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.024 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion: 59 Resp: 564
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

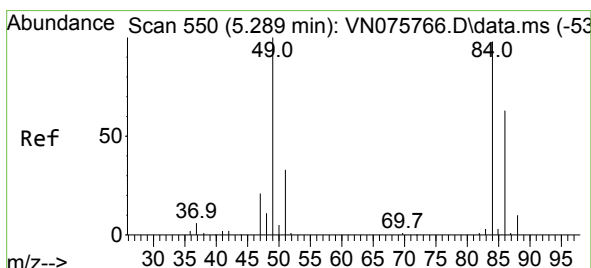
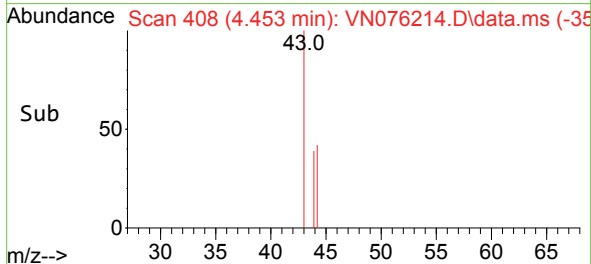
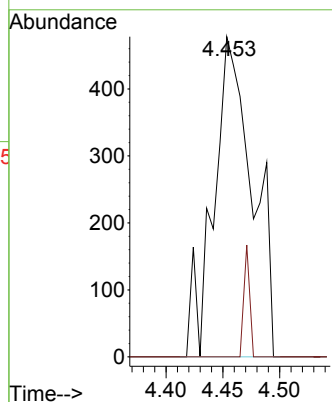
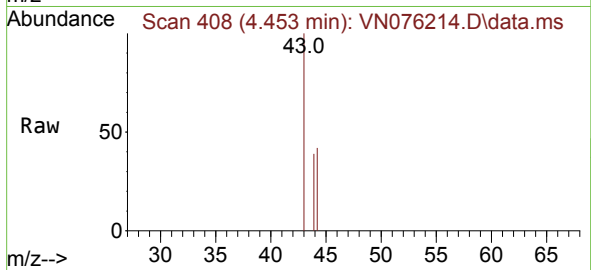




#16
Acetone
Concen: 0.826 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

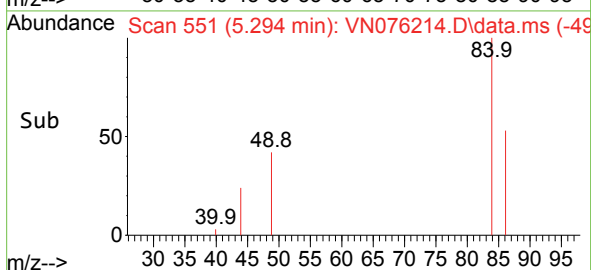
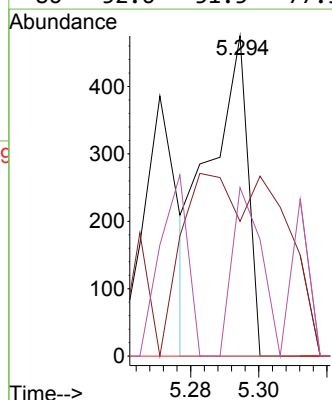
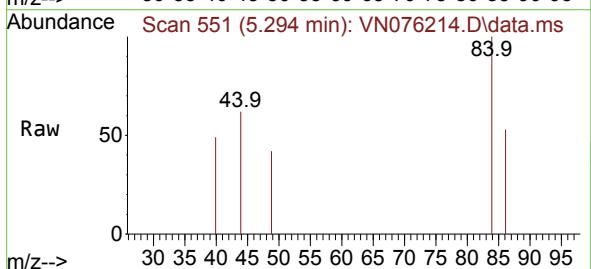
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-11

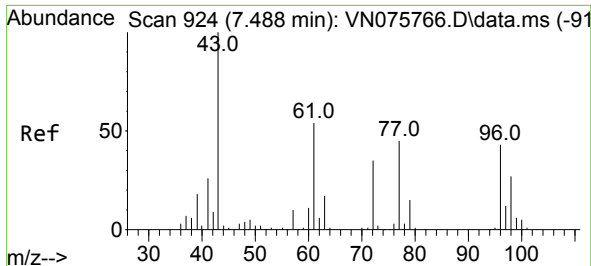
Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion: 84 Resp: 372
Ion Ratio Lower Upper
84 100
49 4.6 81.8 122.6#
51 0.0 26.7 40.1#
86 52.6 51.5 77.3

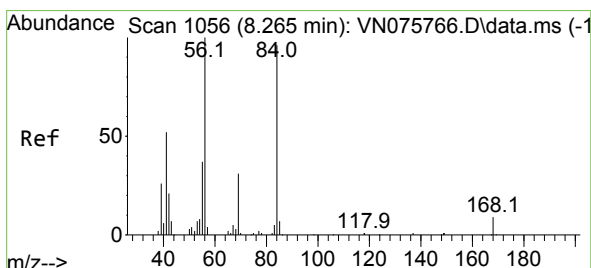
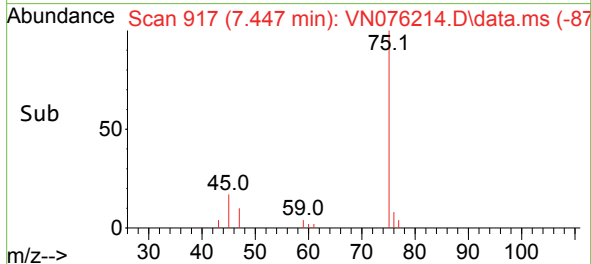
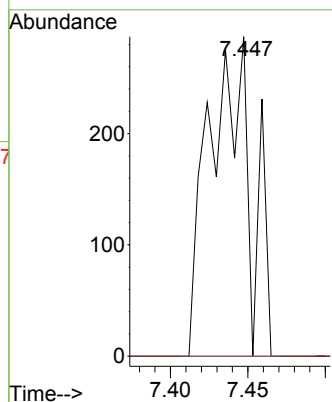
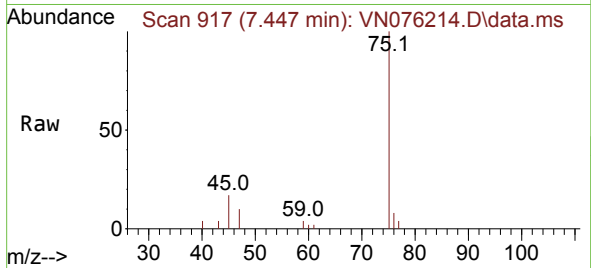




#25
2-Butanone
Concen: 0.278 ug/l
RT: 7.447 min Scan# 91
Delta R.T. -0.041 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

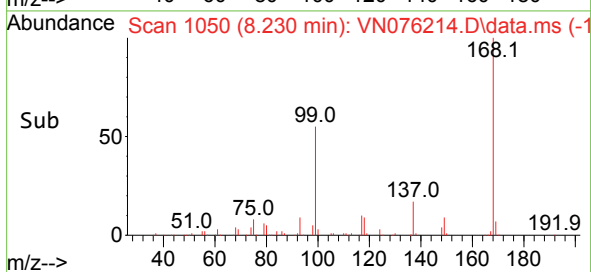
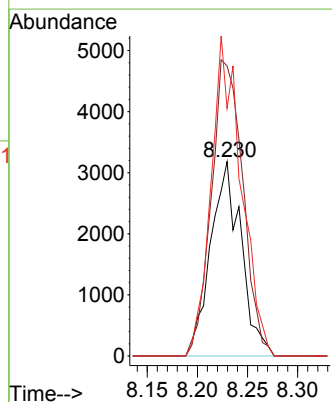
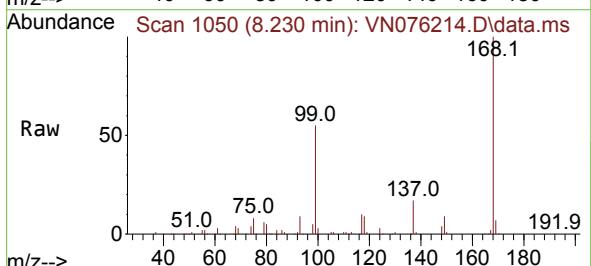
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-11

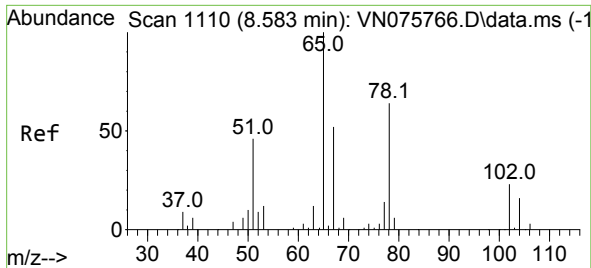
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
72 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion: 56 Resp: 6703
Ion Ratio Lower Upper
56 100
69 149.3 24.7 37.1#
84 127.5 76.5 114.7#

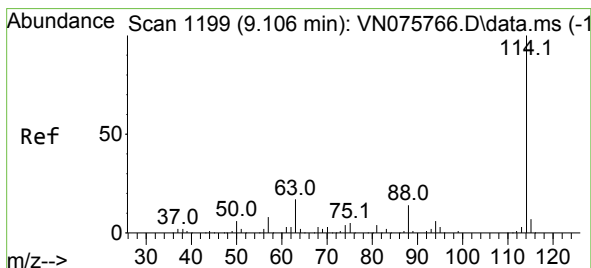
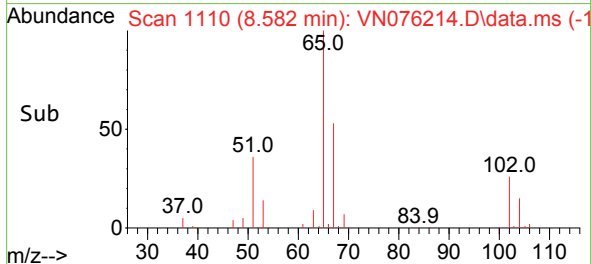
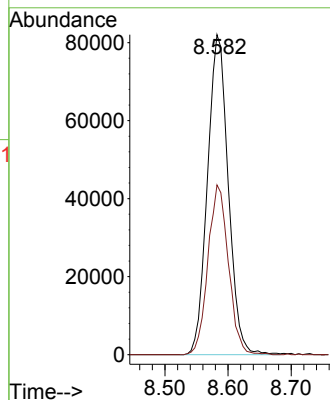
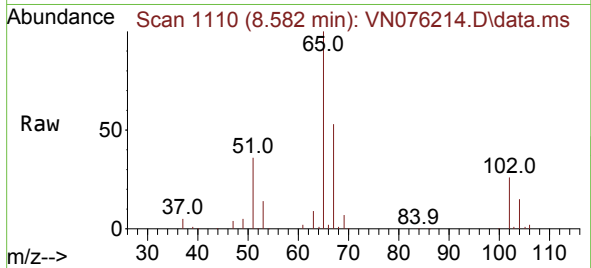




#33
1,2-Dichloroethane-d4
Concen: 46.928 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

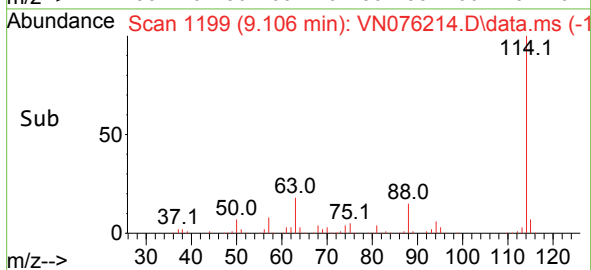
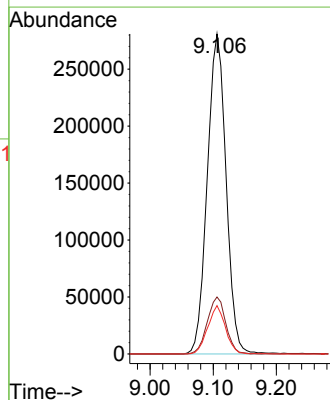
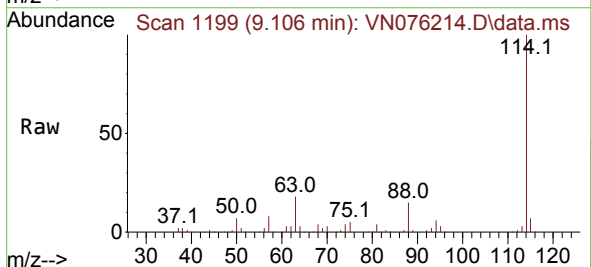
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-11

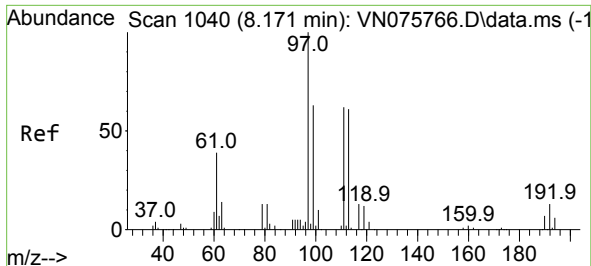
Tgt Ion: 65 Resp: 187646
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion: 114 Resp: 580688
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.4
88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.756 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076214.D

Acq: 11 Jan 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

EB-2023-1-11

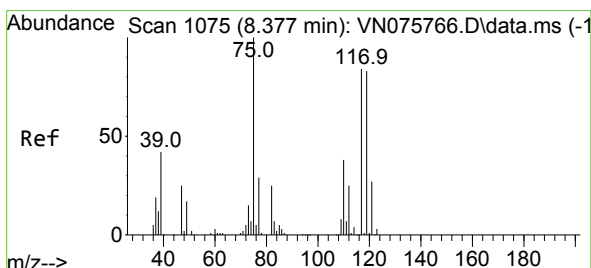
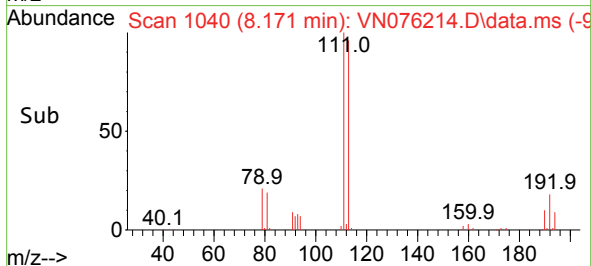
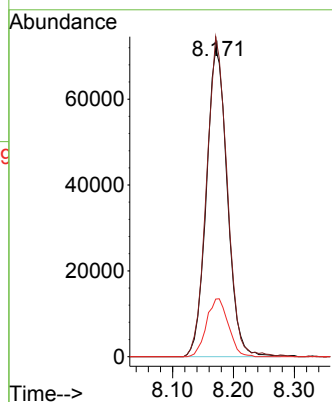
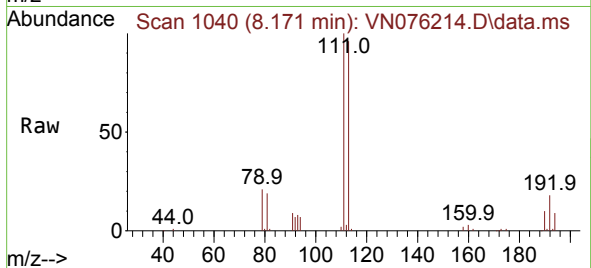
Tgt Ion:113 Resp: 171736

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.380 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076214.D

Acq: 11 Jan 2023 17:35

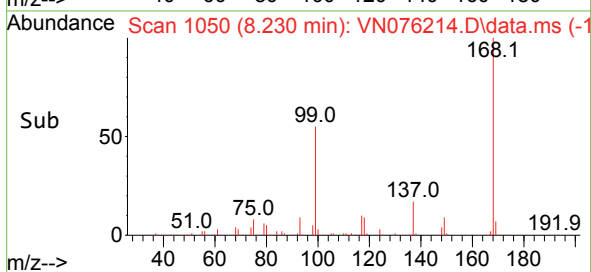
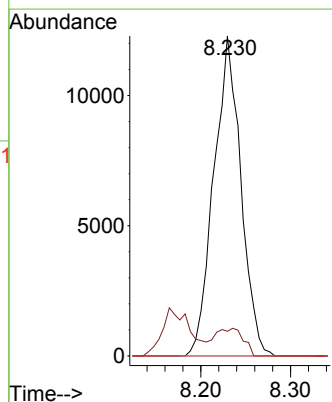
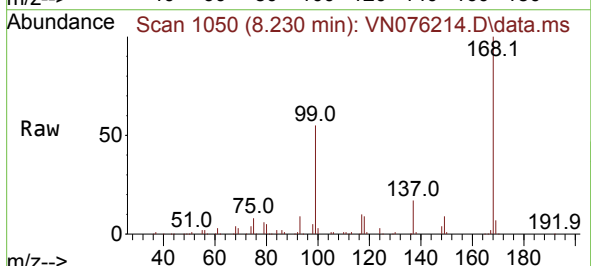
Tgt Ion: 75 Resp: 25700

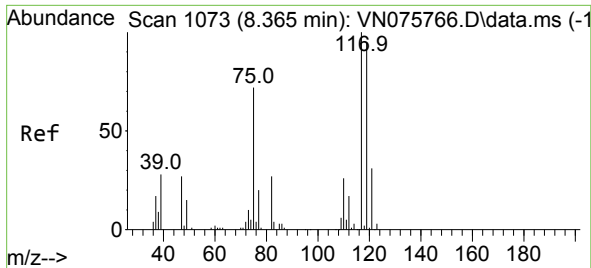
Ion Ratio Lower Upper

75 100

110 9.1 18.8 56.4#

77 0.0 24.1 36.1#

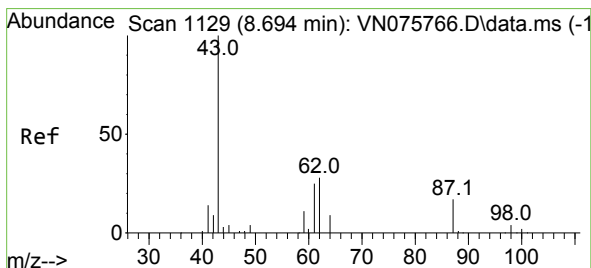
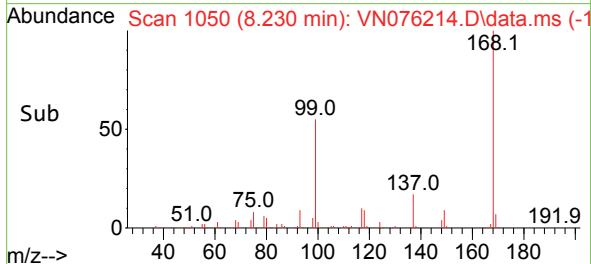
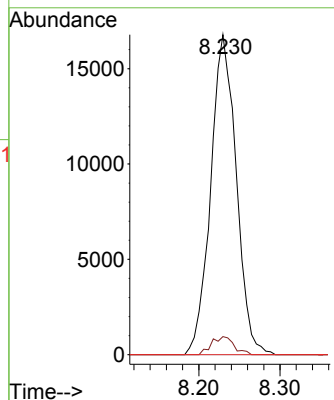
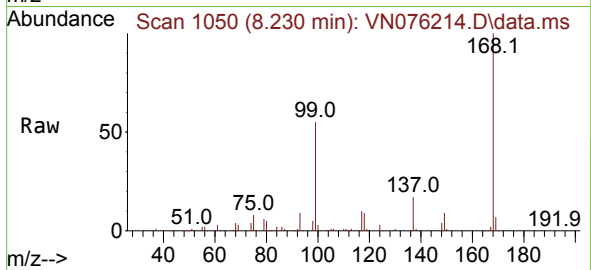




#38
Carbon Tetrachloride
Concen: 6.873 ug/l
RT: 8.230 min Scan# 1145
Delta R.T. -0.135 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

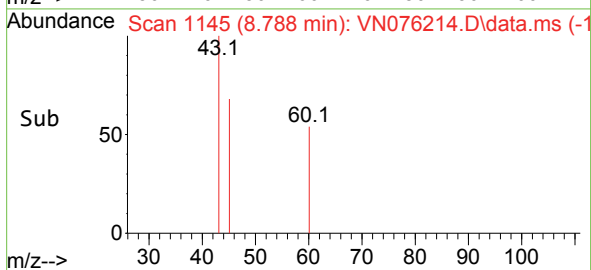
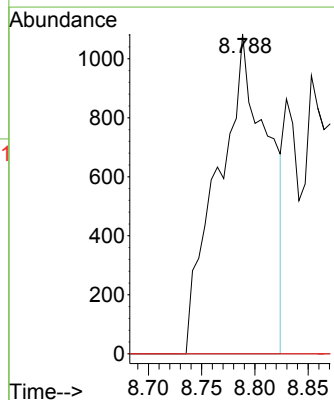
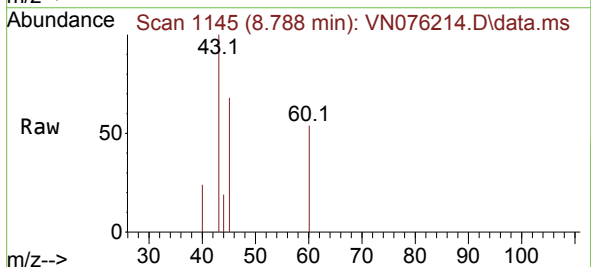
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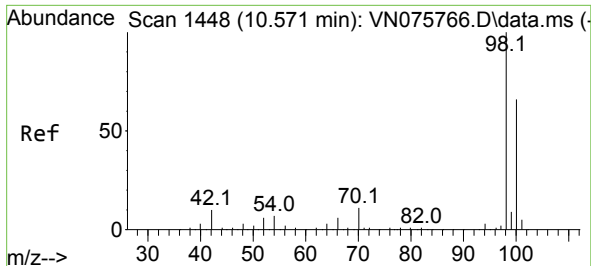
Tgt Ion:117 Resp: 36746
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.561 ug/l
RT: 8.788 min Scan# 1145
Delta R.T. 0.094 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion: 43 Resp: 3550
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

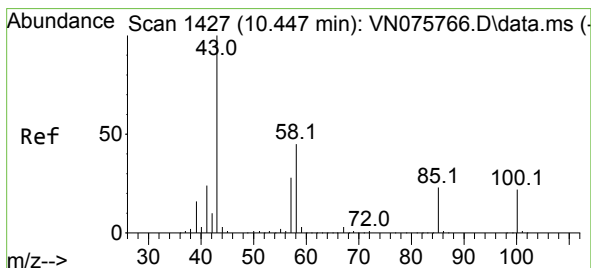
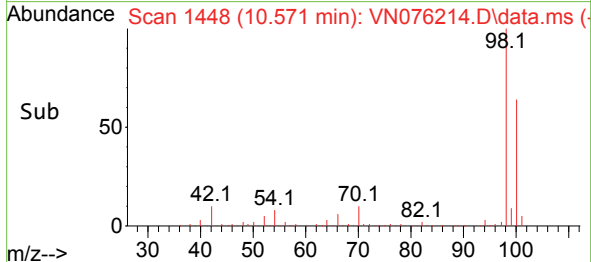
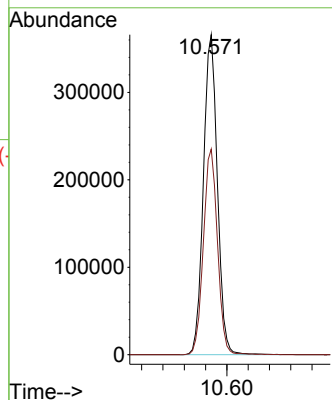
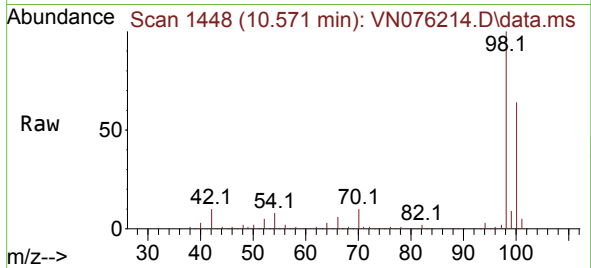




#50
Toluene-d8
Concen: 49.541 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

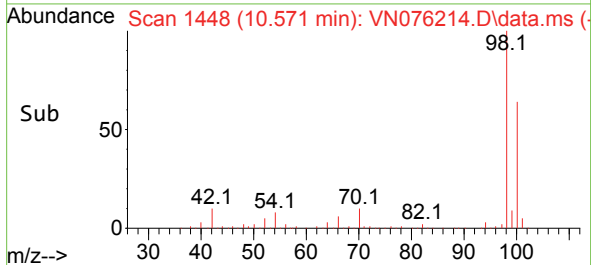
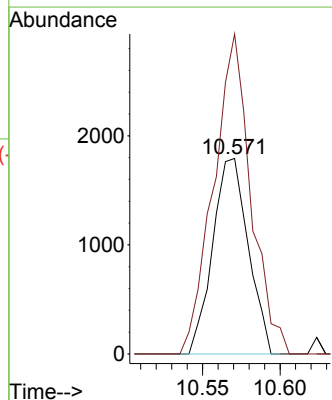
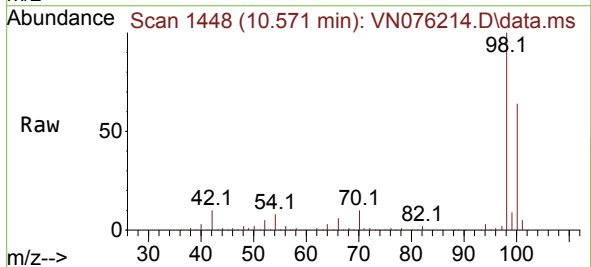
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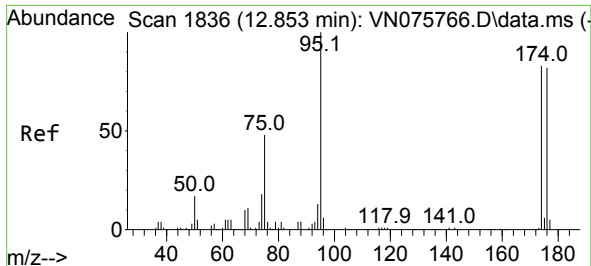
Tgt Ion: 98 Resp: 666103
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.746 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion: 43 Resp: 2857
Ion Ratio Lower Upper
43 100
58 172.0 35.5 53.3#

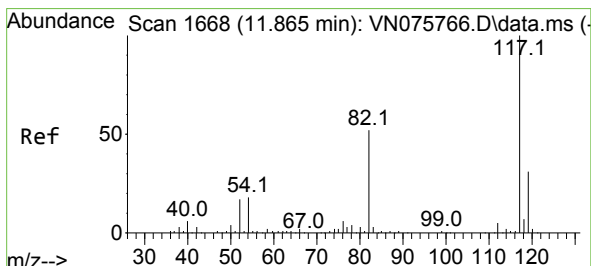
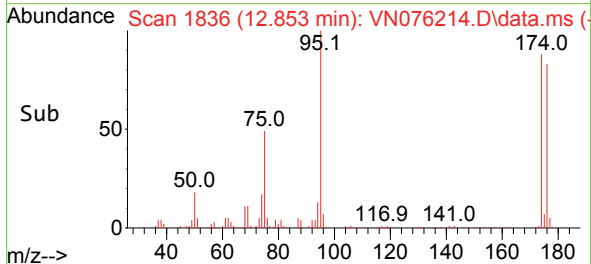
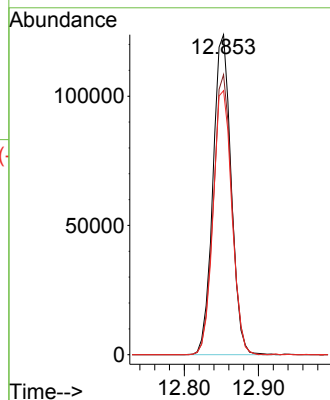
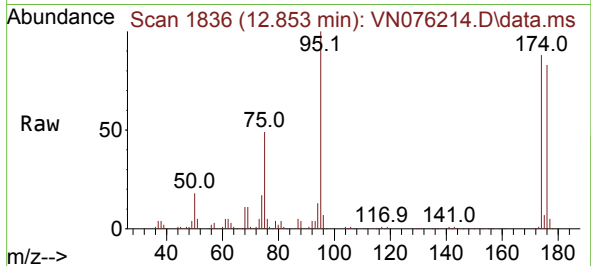




#62
4-Bromofluorobenzene
Concen: 47.312 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

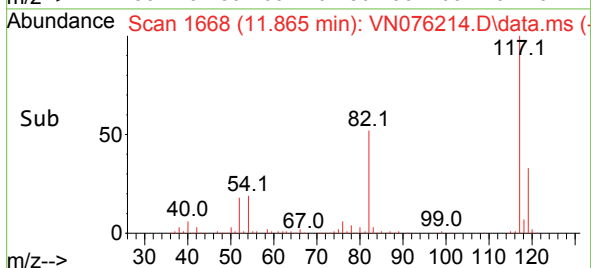
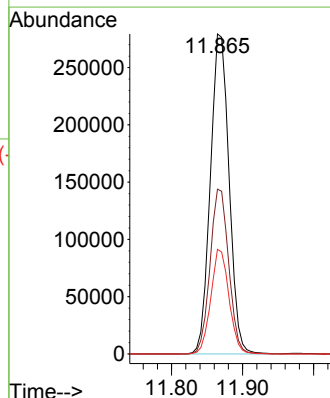
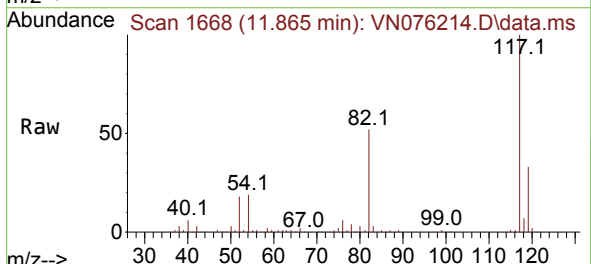
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-11

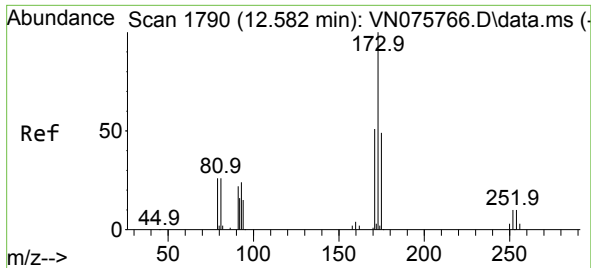
Tgt Ion: 95 Resp: 210694
Ion Ratio Lower Upper
95 100
174 88.9 0.0 171.6
176 85.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion: 117 Resp: 511146
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 32.7 24.6 37.0

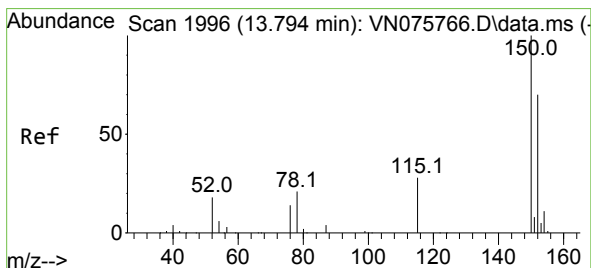
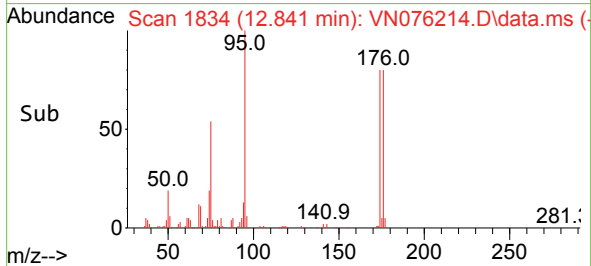
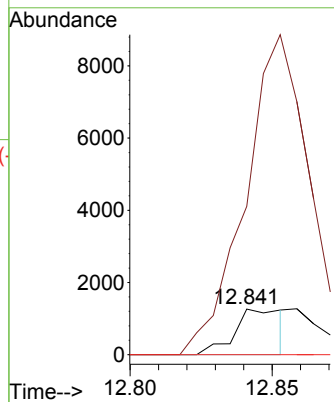
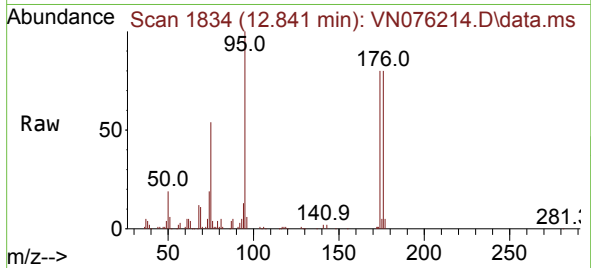




#71
Bromoform
Concen: 0.531 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.259 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

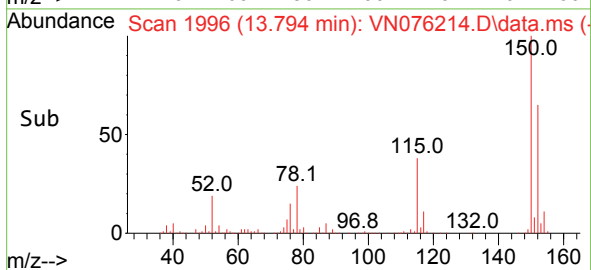
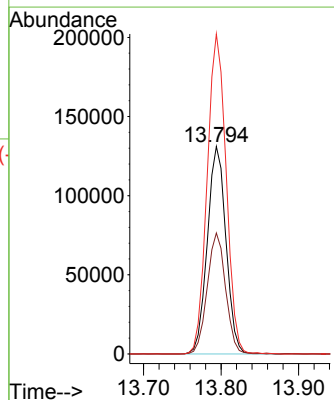
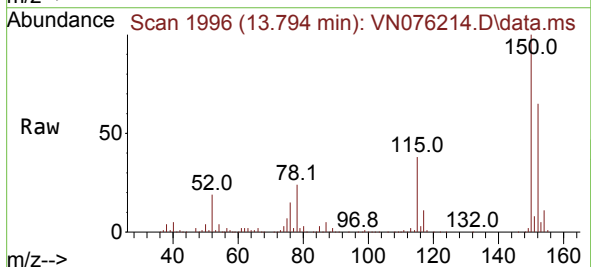
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-11

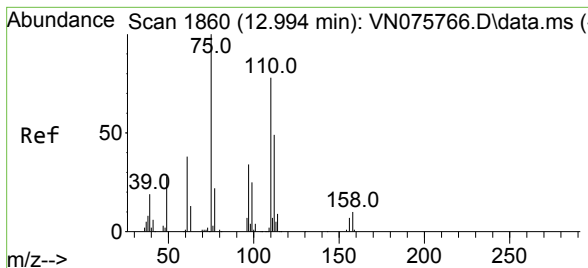
Tgt Ion:173 Resp: 1502
Ion Ratio Lower Upper
173 100
175 762.2 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion:152 Resp: 218908
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.4
150 156.7 0.0 347.0

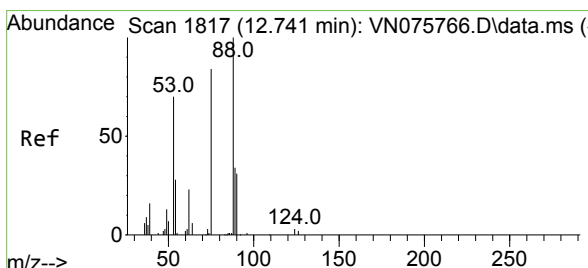
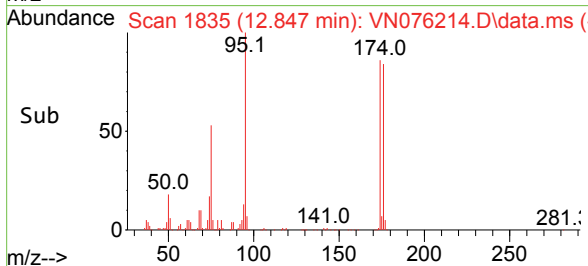
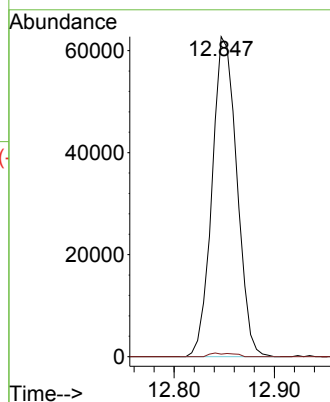
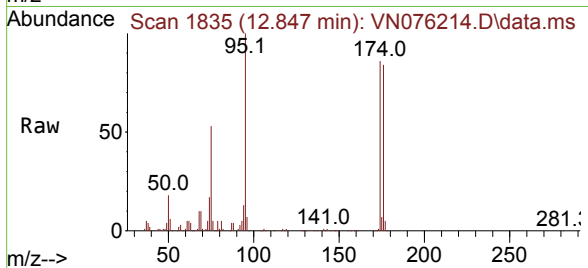




#76
1,2,3-Trichloropropane
Concen: 24.432 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

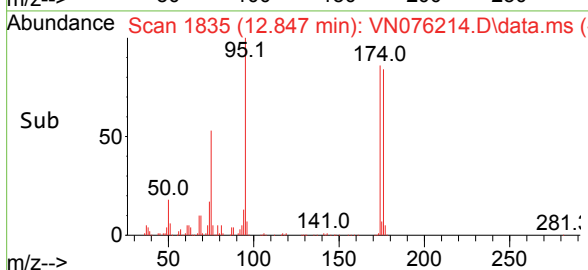
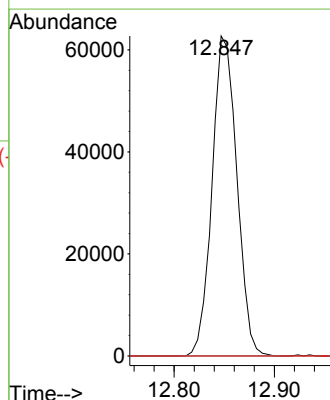
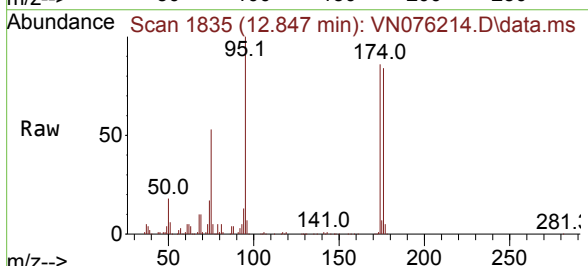
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-11

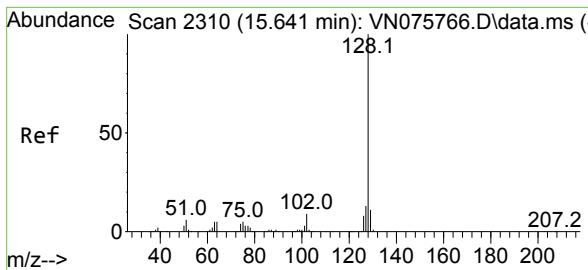
Tgt Ion: 75 Resp: 107811
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.944 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

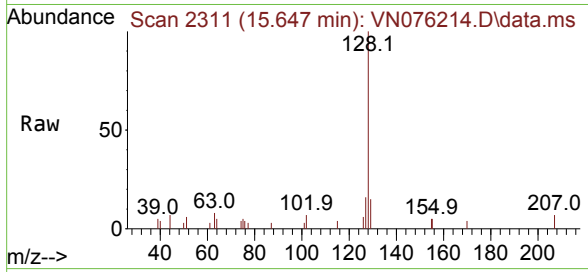
Tgt Ion: 75 Resp: 107811
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 3.261 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-11



Tgt Ion:	128	Resp:	13500
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.4	15.6
129	11.6	8.7	13.1

