

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075279.D
 Acq On : 15 Nov 2022 13:22
 Operator : JC\MD
 Sample : N5582-05
 Misc : 1.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0116

Quant Time: Nov 15 14:41:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

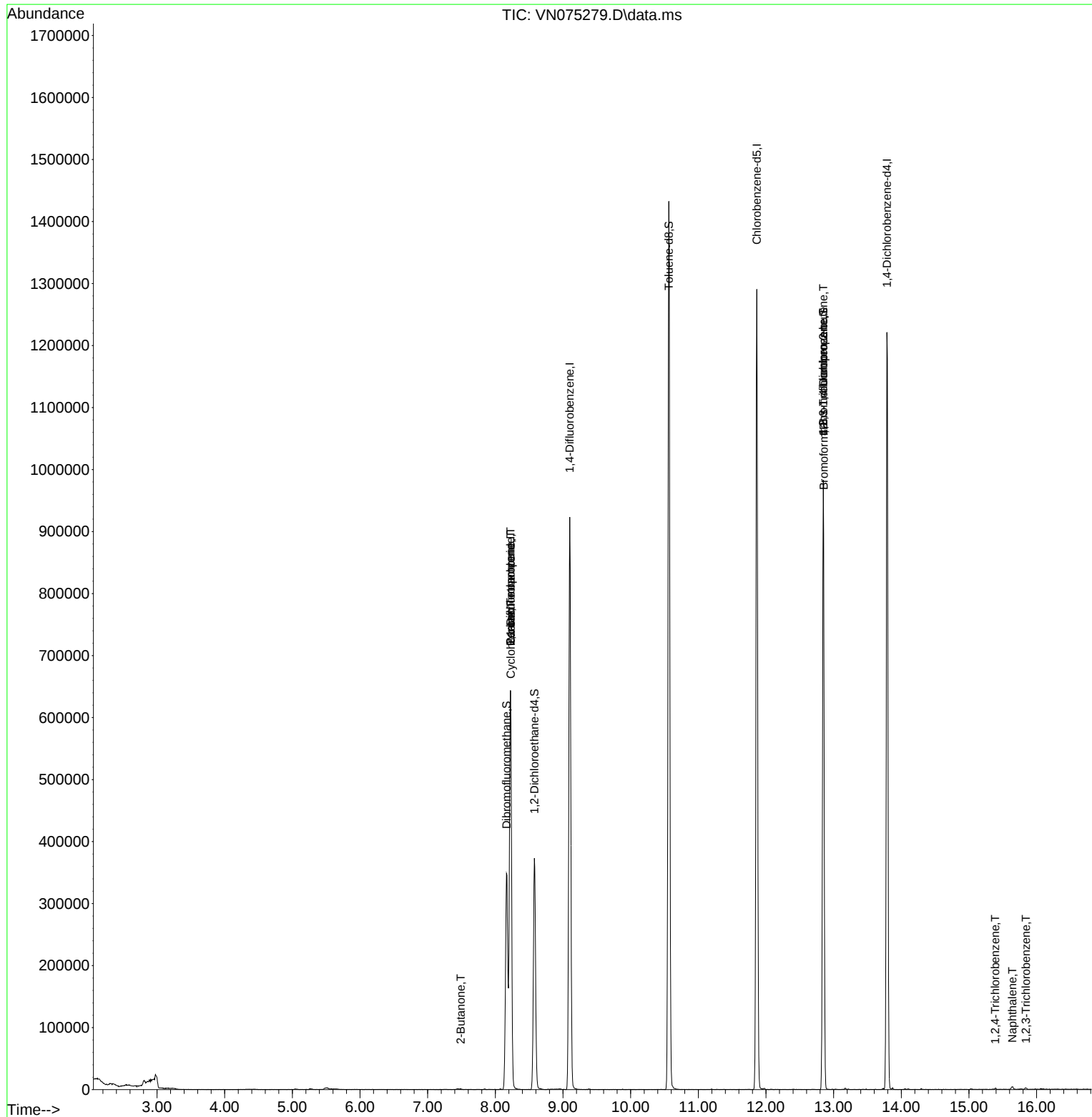
Internal Standards						
1) Pentafluorobenzene	8.224	168	477674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	847154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	760243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	338295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	300160	46.637	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.280%		
35) Dibromofluoromethane	8.165	113	251707	50.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.220%		
50) Toluene-d8	10.565	98	1012788	52.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.980%		
62) 4-Bromofluorobenzene	12.847	95	335047	49.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.860%		
Target Compounds						
5) Bromomethane	2.906	94	552	Below Cal	#	56
25) 2-Butanone	7.488	43	1180	0.275	ug/l #	83
31) Cyclohexane	8.230	56	10154	1.061	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	36856	4.787	ug/l #	49
38) Carbon Tetrachloride	8.224	117	50950	6.016	ug/l #	15
71) Bromoform	12.853	173	2638	0.585	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.847	83	376	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.847	75	173109	24.100	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	173109	61.865	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.388	180	1019	0.203	ug/l	80
95) Naphthalene	15.641	128	5585	0.290	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1136	0.228	ug/l #	79

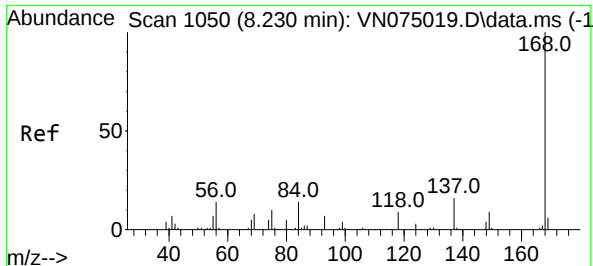
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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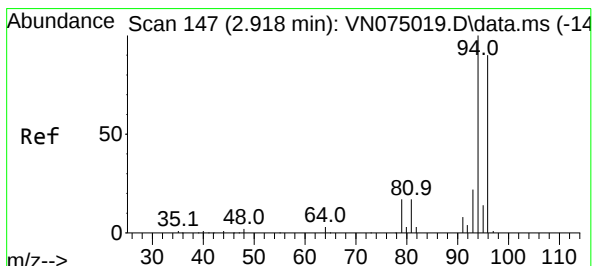
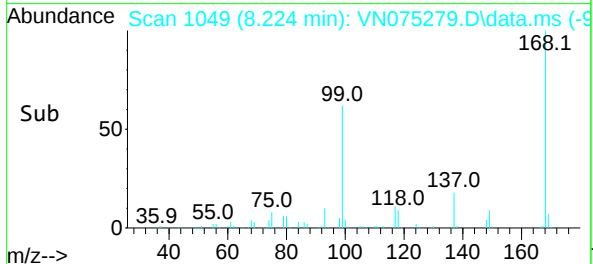
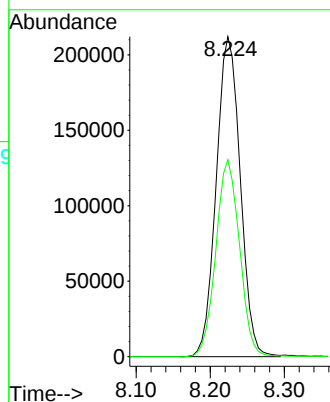
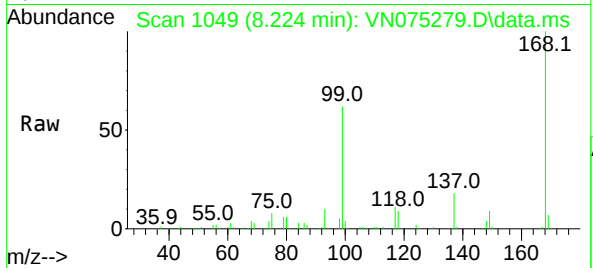




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

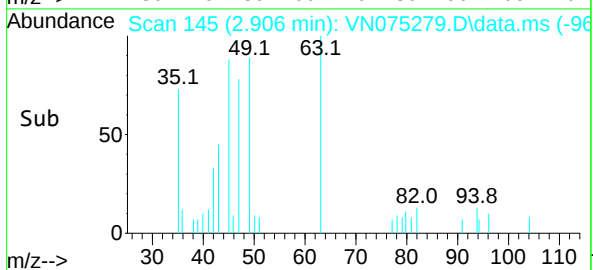
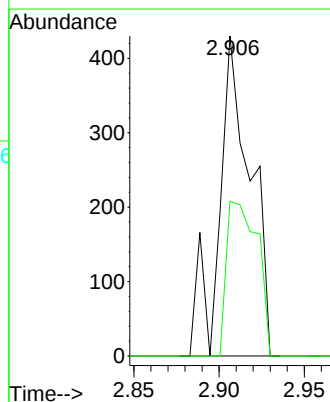
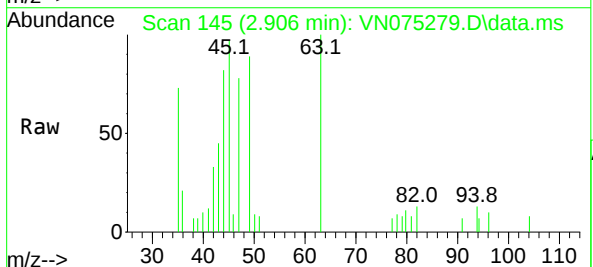
Instrument :
MSVOA_N
ClientSampleId :
CLI-0116

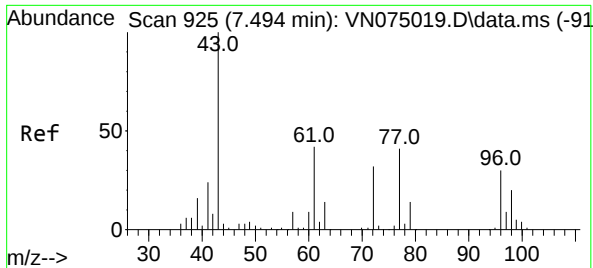
Tgt Ion:168 Resp: 477674
Ion Ratio Lower Upper
168 100
99 61.5 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.906 min Scan# 145
Delta R.T. -0.012 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

Tgt Ion: 94 Resp: 552
Ion Ratio Lower Upper
94 100
96 48.4 71.8 107.6#

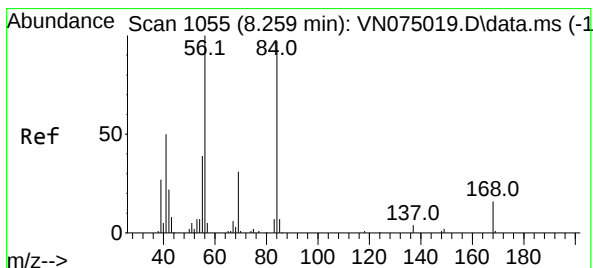
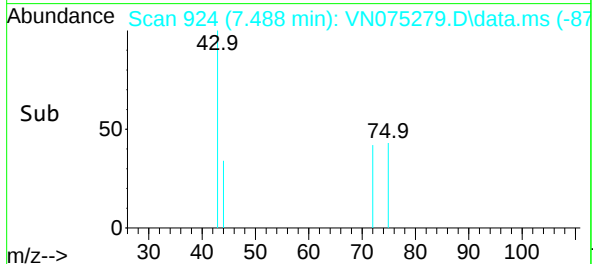
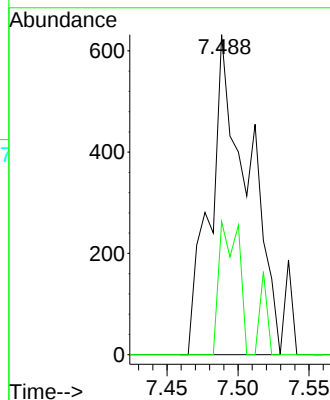
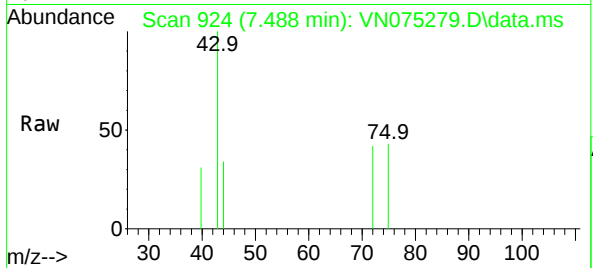




#25
2-Butanone
Concen: 0.275 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

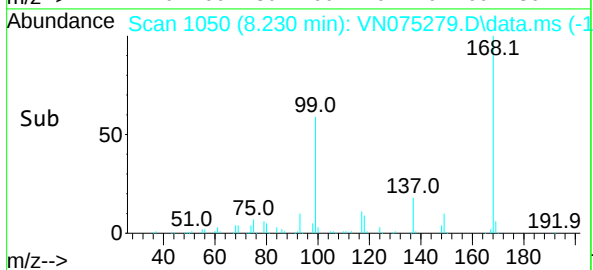
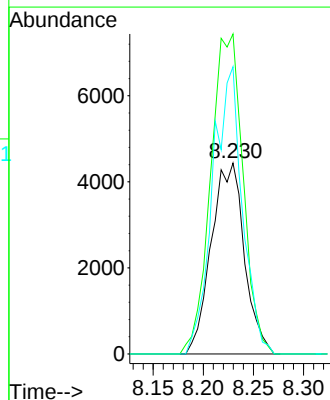
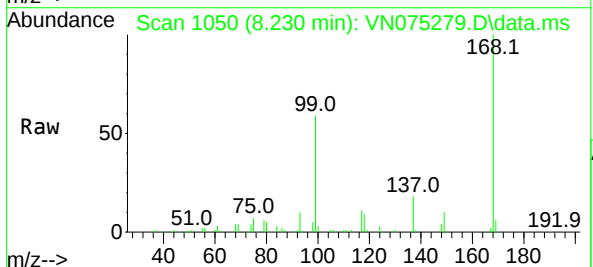
Instrument :
MSVOA_N
ClientSampleId :
CLI-0116

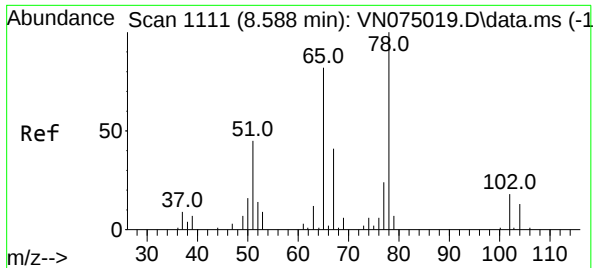
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
72 41.6 25.5 38.3#



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

Tgt Ion: 56 Resp: 10154
Ion Ratio Lower Upper
56 100
69 167.6 25.2 37.8#
84 150.4 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 46.637 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.011 min

Lab File: VN075279.D

Acq: 15 Nov 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

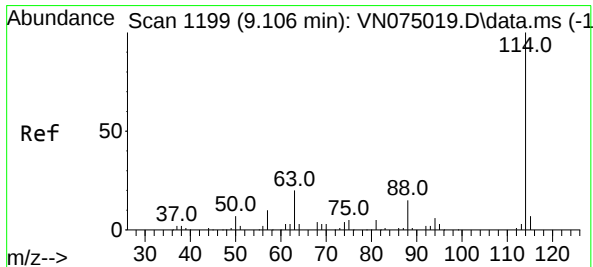
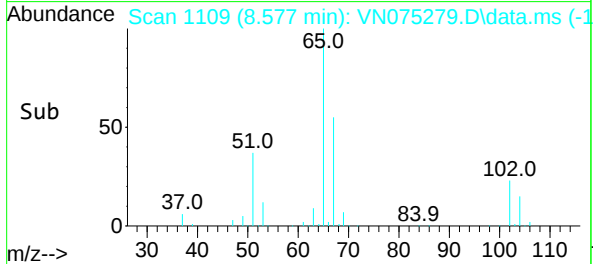
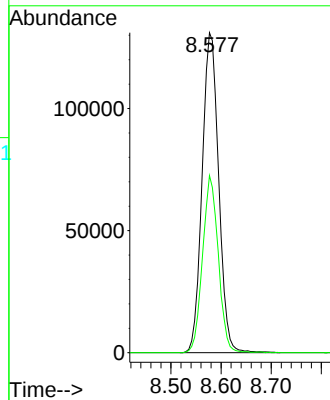
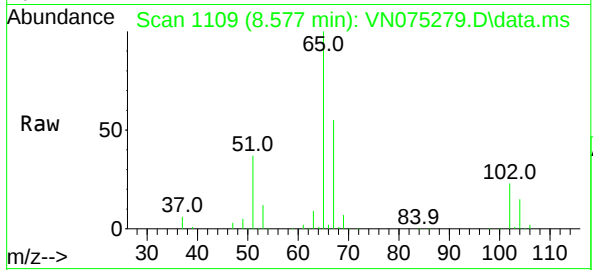
CLI-0116

Tgt Ion: 65 Resp: 300160

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075279.D

Acq: 15 Nov 2022 13:22

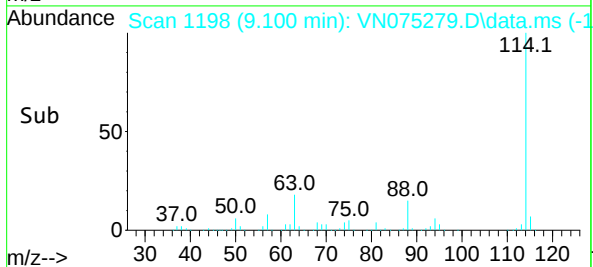
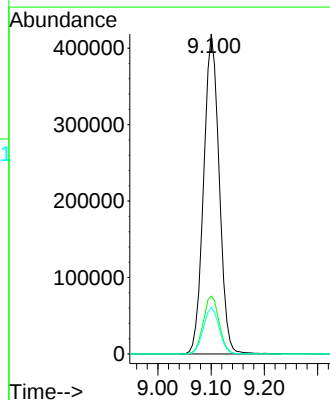
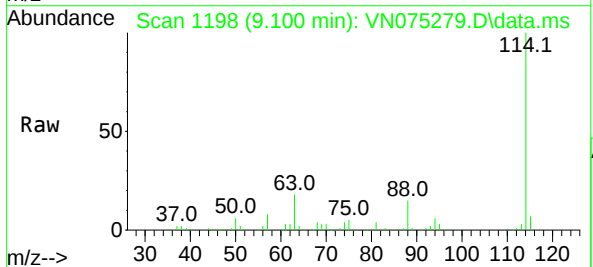
Tgt Ion: 114 Resp: 847154

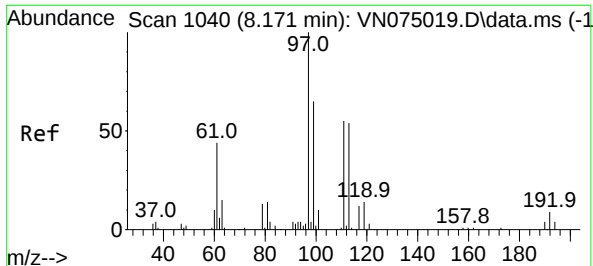
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 14.6 0.0 29.0

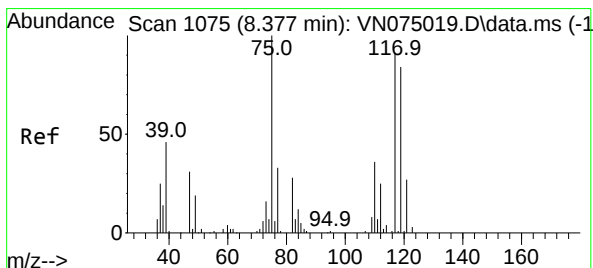
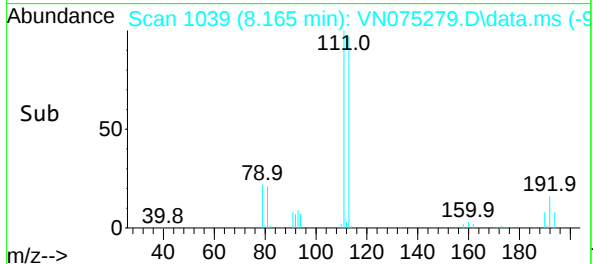
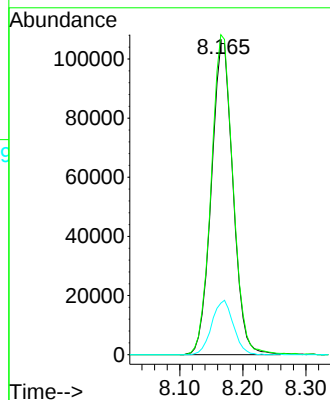
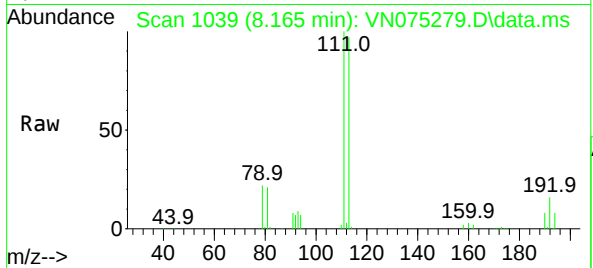




#35
Dibromofluoromethane
Concen: 50.612 ug/l
RT: 8.165 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

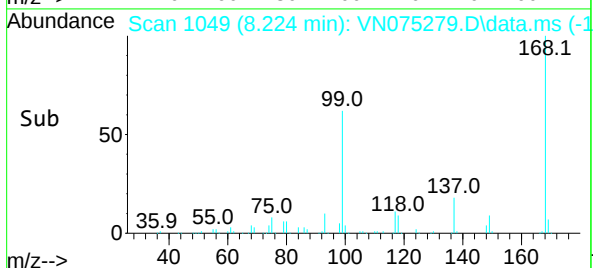
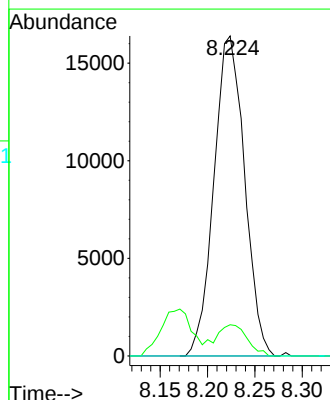
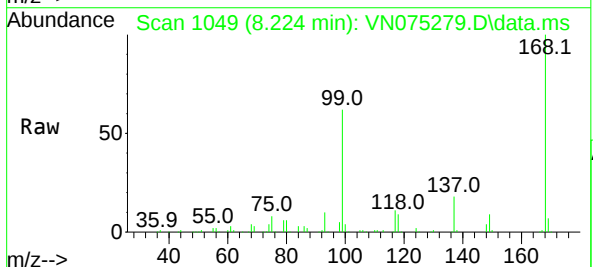
Instrument :
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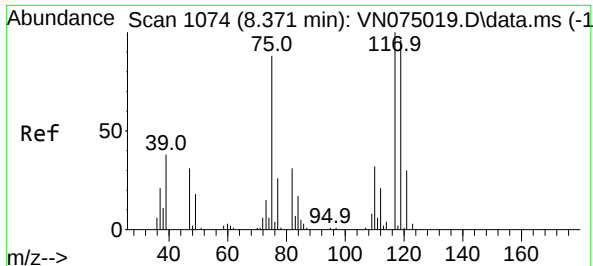
Tgt Ion:113 Resp: 251707
Ion Ratio Lower Upper
113 100
111 103.6 80.5 120.7
192 17.3 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

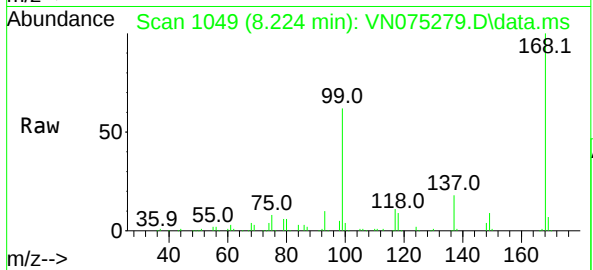
Tgt Ion: 75 Resp: 36856
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 24.6 37.0#



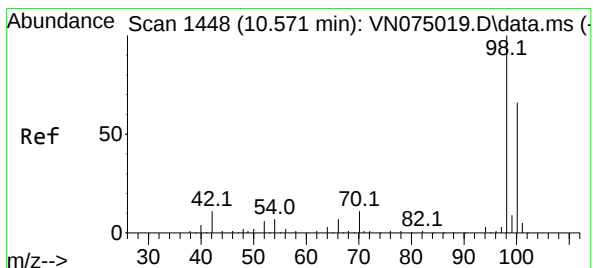
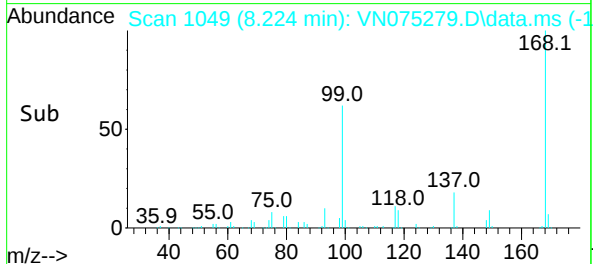
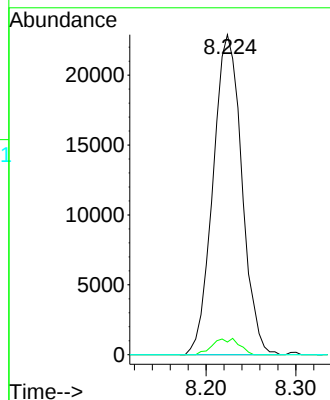


#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
CLI-0116

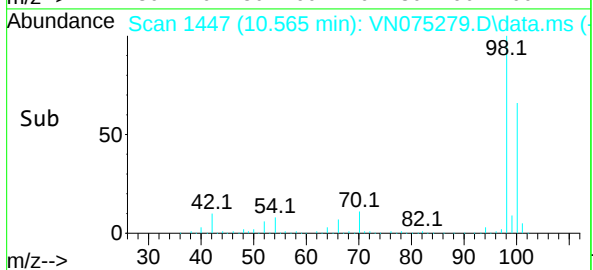
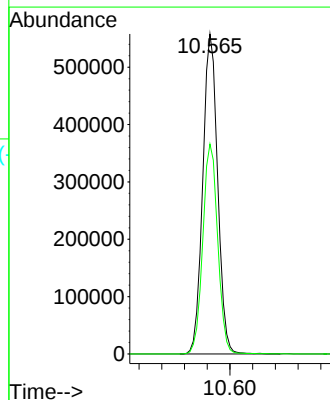
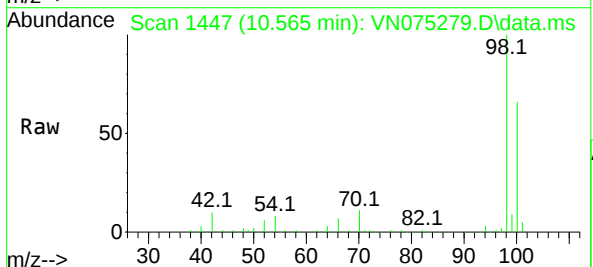


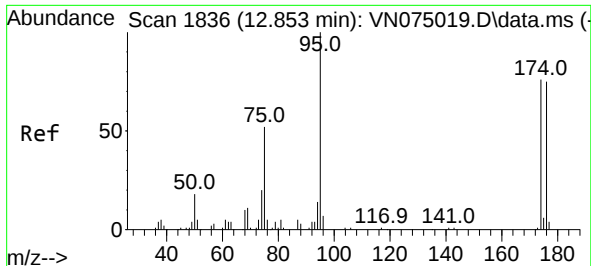
Tgt Ion:117 Resp: 50950
Ion Ratio Lower Upper
117 100
119 4.0 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 52.490 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

Tgt Ion: 98 Resp: 1012788
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6

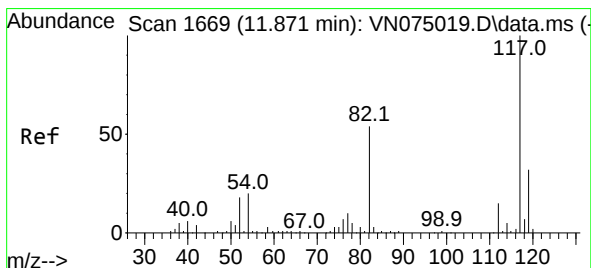
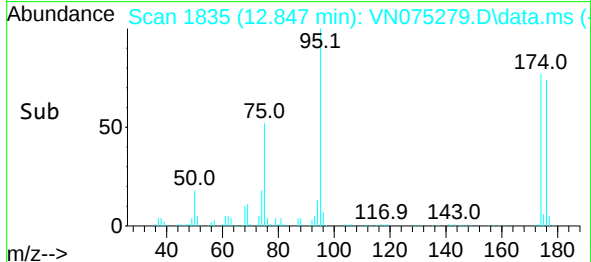
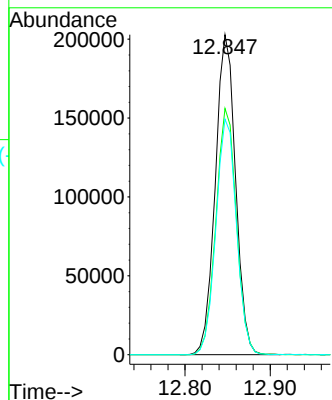
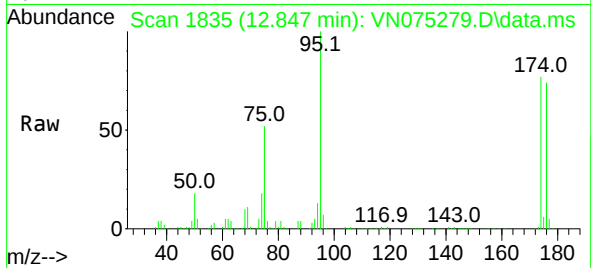




#62
4-Bromofluorobenzene
Concen: 49.432 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

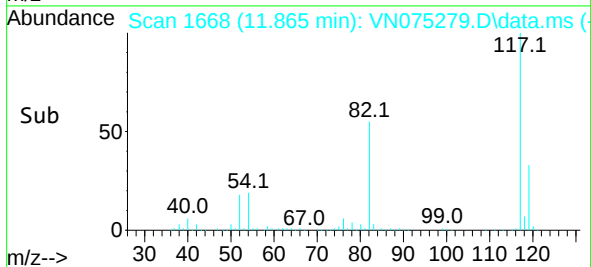
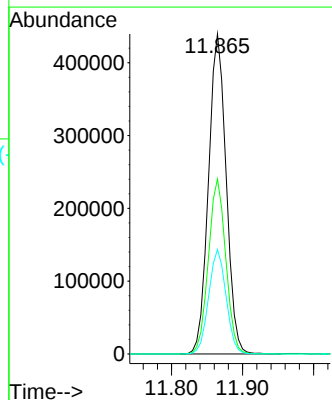
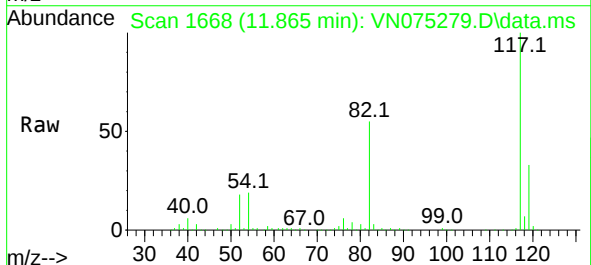
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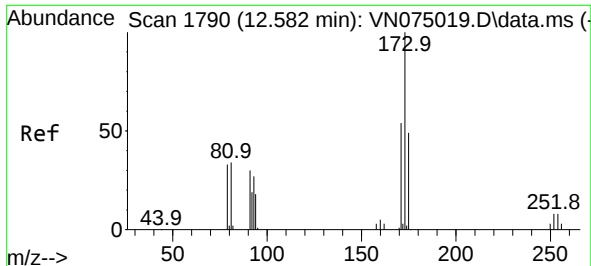
Tgt Ion: 95 Resp: 335047
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.4
176 74.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

Tgt Ion: 117 Resp: 760243
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 32.7 25.5 38.3

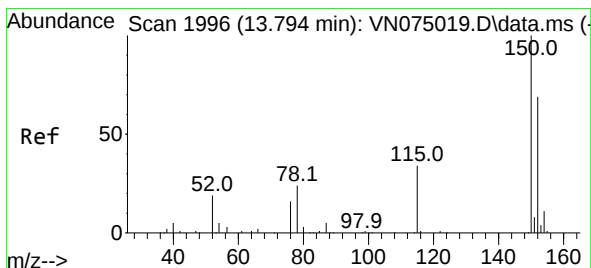
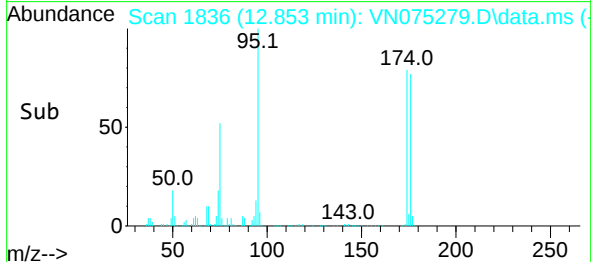
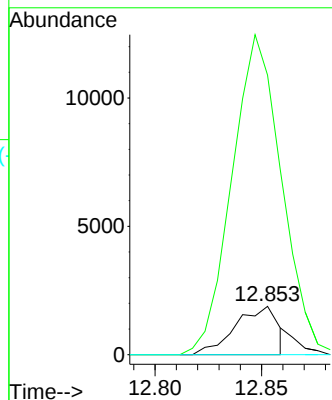
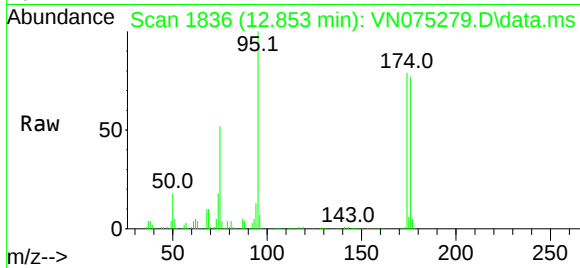




#71
Bromoform
Concen: 0.585 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

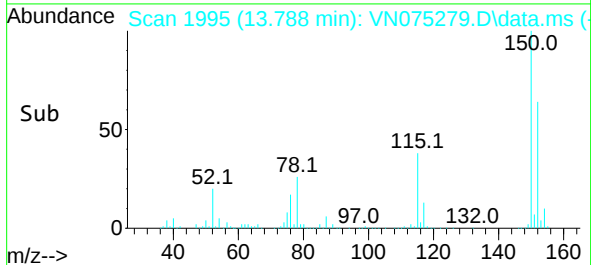
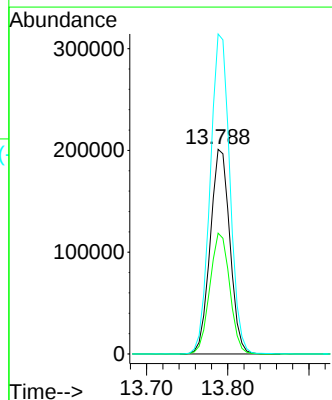
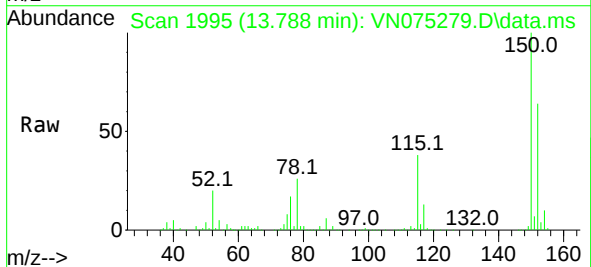
Instrument :
MSVOA_N
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CLI-0116

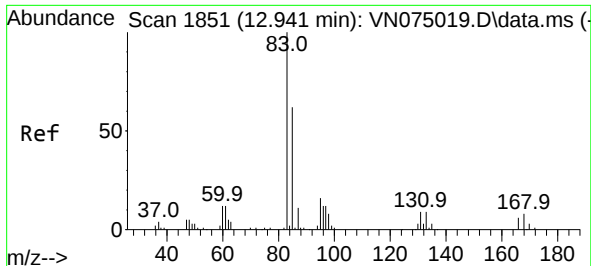
Tgt Ion:173 Resp: 2638
Ion Ratio Lower Upper
173 100
175 683.1 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

Tgt Ion:152 Resp: 338295
Ion Ratio Lower Upper
152 100
115 59.5 30.2 90.6
150 156.3 0.0 348.4

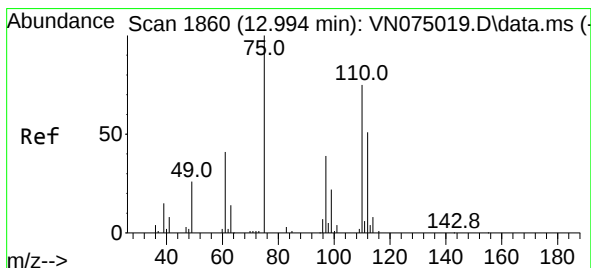
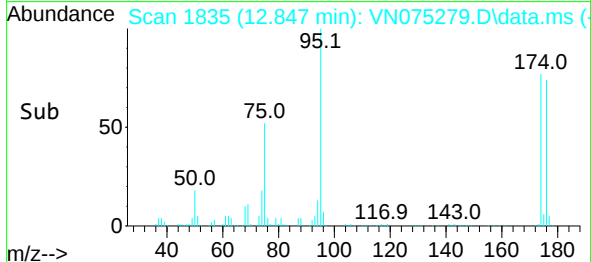
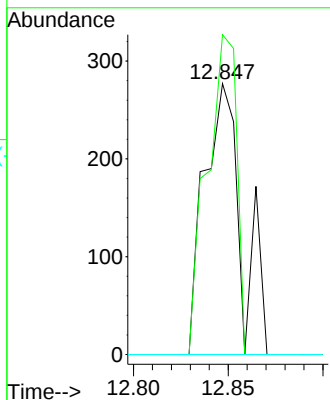
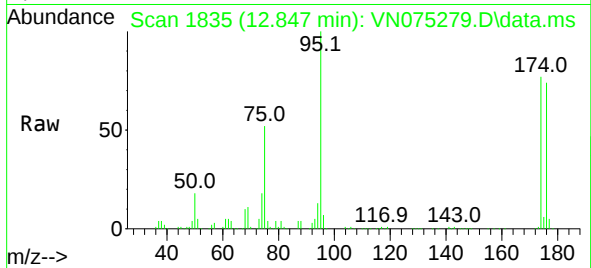




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.847 min Scan# 1835
Delta R.T. -0.094 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

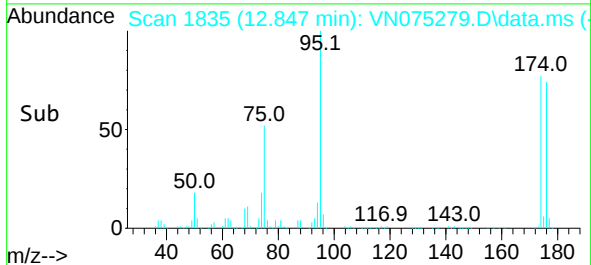
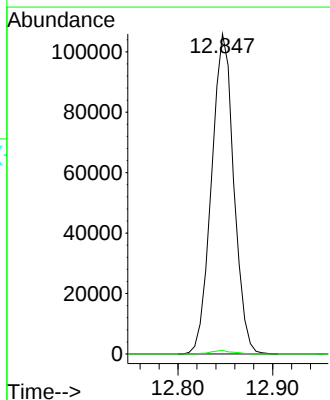
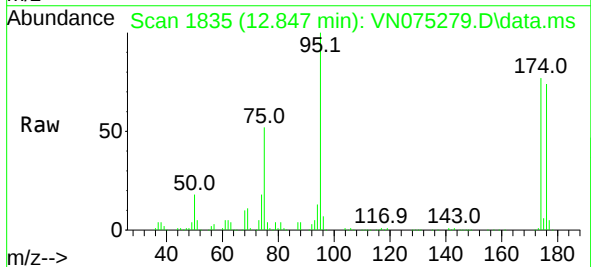
Instrument :
MSVOA_N
ClientSampleId :
CLI-0116

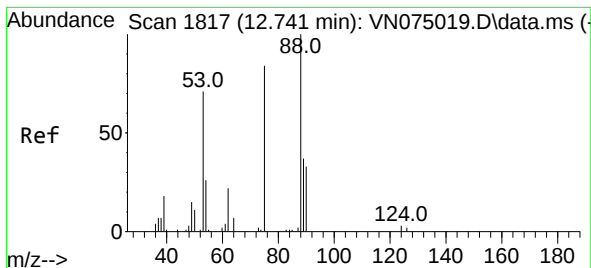
Tgt Ion: 83 Resp: 376
Ion Ratio Lower Upper
83 100
131 94.7 5.1 15.3#
85 0.0 31.6 94.7#



#76
1,2,3-Trichloropropane
Concen: 24.100 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

Tgt Ion: 75 Resp: 173109
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#

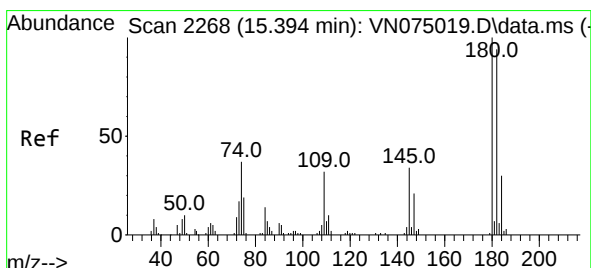
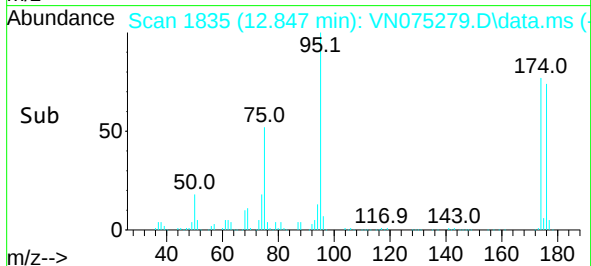
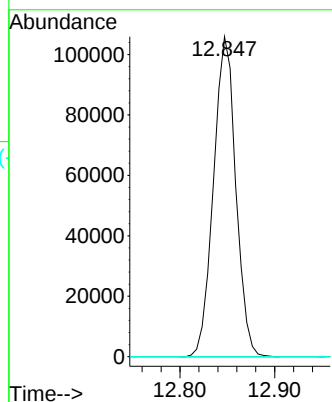
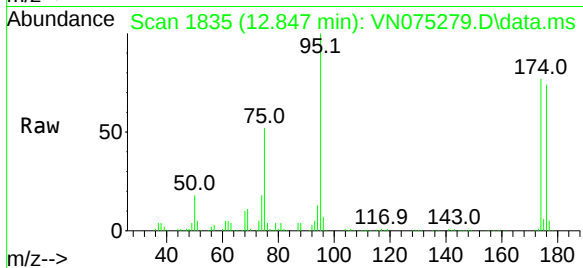




#81
trans-1,4-Dichloro-2-butene
Concen: 61.865 ug/l
RT: 12.847 min Scan# 1817
Delta R.T. 0.106 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

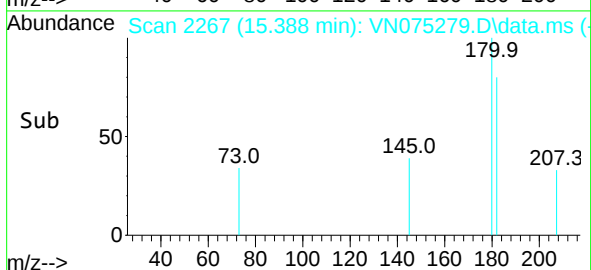
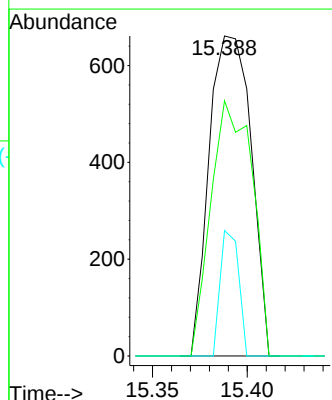
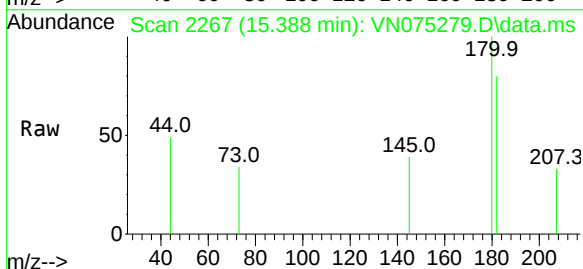
Instrument :
MSVOA_N
ClientSampleId :
CLI-0116

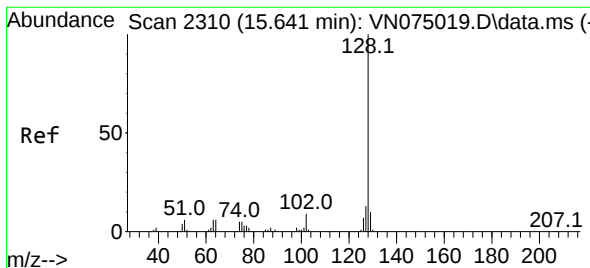
Tgt Ion: 75 Resp: 173109
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.203 ug/l
RT: 15.388 min Scan# 2267
Delta R.T. -0.006 min
Lab File: VN075279.D
Acq: 15 Nov 2022 13:22

Tgt Ion:180 Resp: 1019
Ion Ratio Lower Upper
180 100
182 78.6 47.8 143.4
145 17.2 16.8 50.3





#95

Naphthalene

Concen: 0.290 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075279.D

Acq: 15 Nov 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

CLI-0116

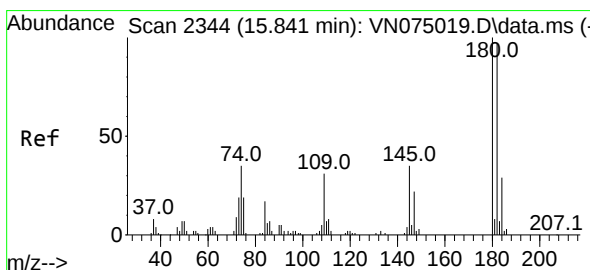
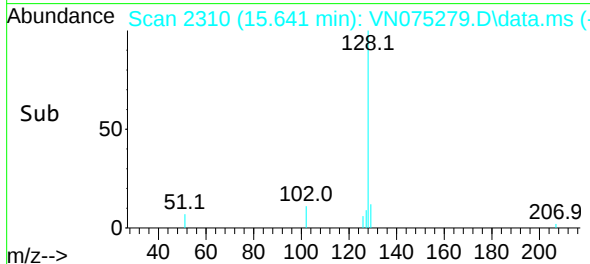
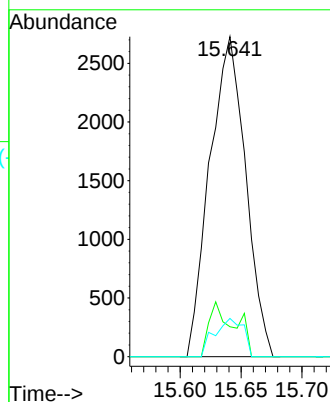
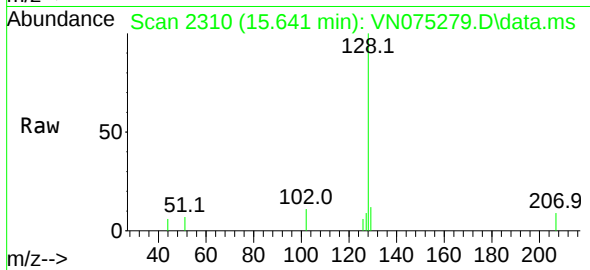
Tgt Ion:128 Resp: 5585

Ion Ratio Lower Upper

128 100

127 12.1 10.4 15.6

129 9.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.228 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075279.D

Acq: 15 Nov 2022 13:22

Tgt Ion:180 Resp: 1136

Ion Ratio Lower Upper

180 100

182 85.0 47.3 141.8

145 5.1 17.6 52.9#

