

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075902.D
 Acq On : 20 Dec 2022 16:35
 Operator : JC\MD
 Sample : N6161-13 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0668

Quant Time: Dec 21 01:29:05 2022
 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)

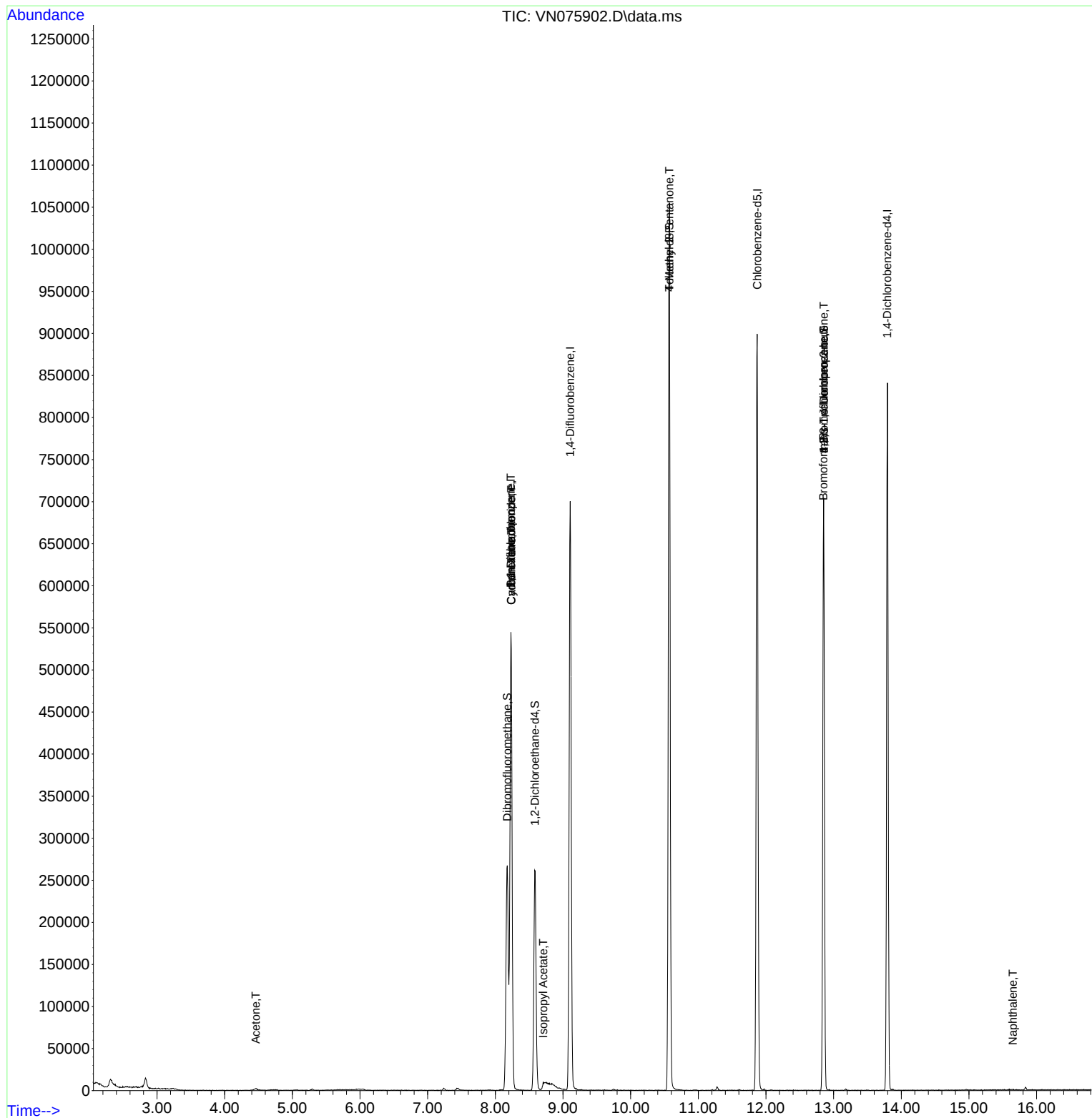
Internal Standards						
1) Pentafluorobenzene	8.229	168	420232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	657151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	564354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212479	46.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.960%		
35) Dibromofluoromethane	8.177	113	195090	47.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.880%		
50) Toluene-d8	10.571	98	751726	49.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.800%		
62) 4-Bromofluorobenzene	12.853	95	232640	46.162	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.320%		
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	4297	2.727	ug/l #	84
20) Methylene Chloride	5.289	84	1211	Below Cal	#	72
31) Cyclohexane	8.235	56	8292	1.266	ug/l #	22
36) 1,1-Dichloropropene	8.229	75	30112	5.570	ug/l #	50
38) Carbon Tetrachloride	8.235	117	40594	6.709	ug/l #	16
43) Isopropyl Acetate	8.706	43	4532	0.633	ug/l #	50
51) 4-Methyl-2-Pentanone	10.571	43	2973	0.686	ug/l #	1
71) Bromoform	12.847	173	630	0.202	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	119846	25.722	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	119846	92.586	ug/l #	12
95) Naphthalene	15.647	128	803	2.239	ug/l #	69

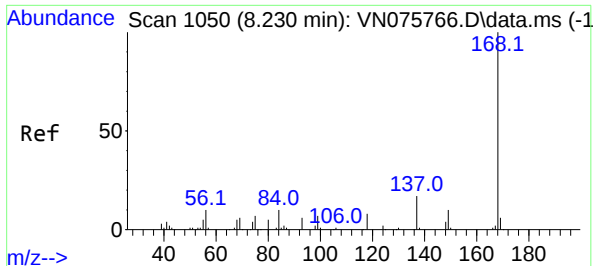
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 01:29:05 2022
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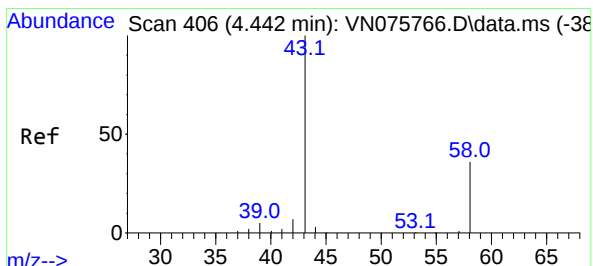
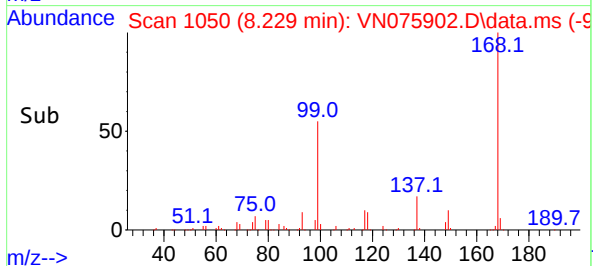
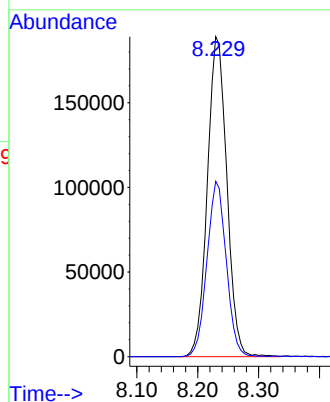
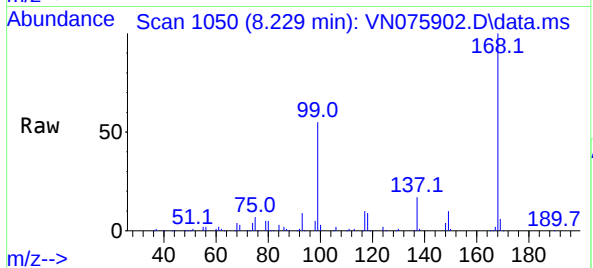




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

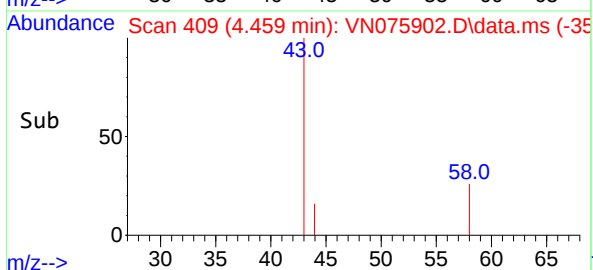
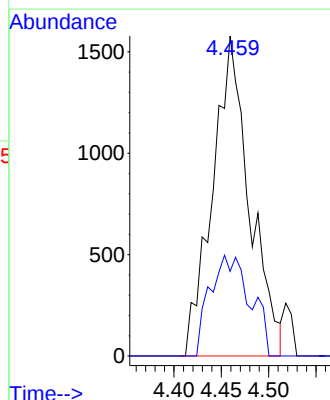
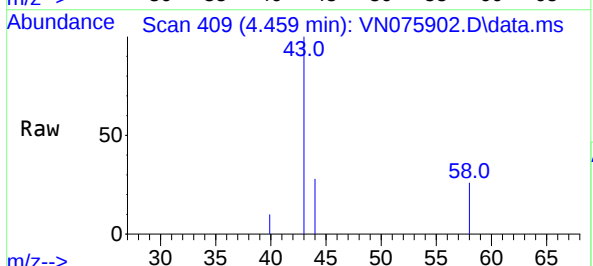
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

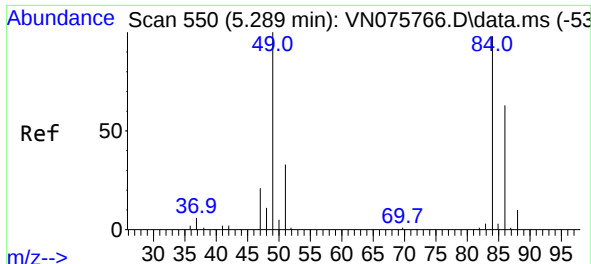
Tgt Ion:168 Resp: 420232
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#16
Acetone
Concen: 2.727 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

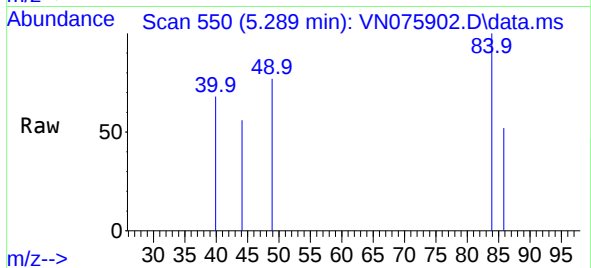
Tgt Ion: 43 Resp: 4297
Ion Ratio Lower Upper
43 100
58 26.5 28.6 43.0#





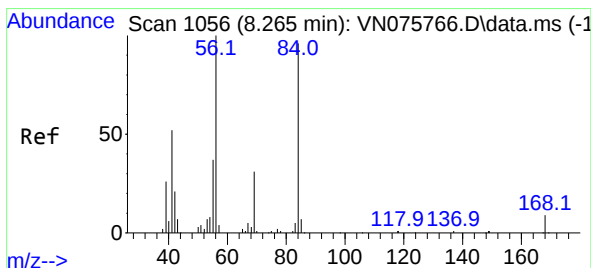
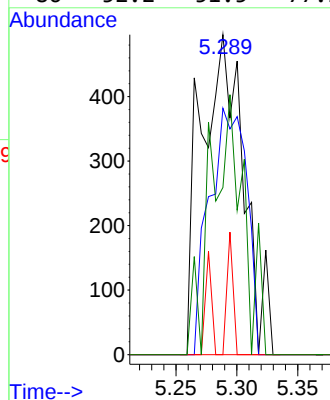
#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
CLI-0668



Tgt Ion: 84 Resp: 1211

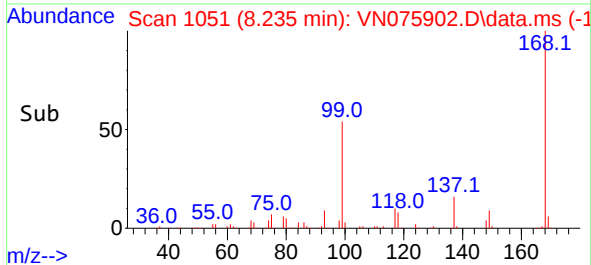
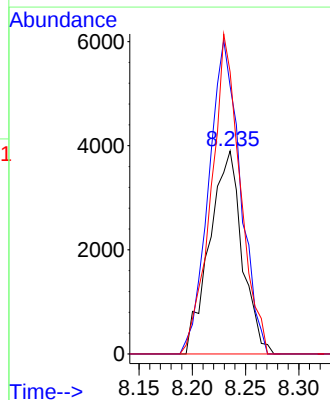
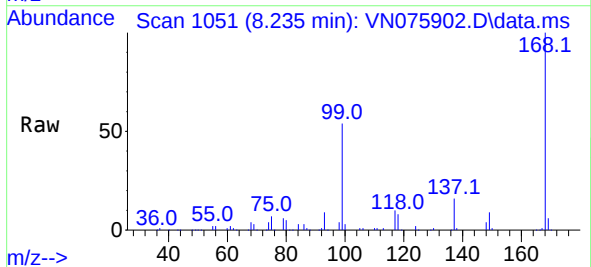
Ion	Ratio	Lower	Upper
84	100		
49	77.0	81.8	122.6#
51	0.0	26.7	40.1#
86	52.2	51.5	77.3

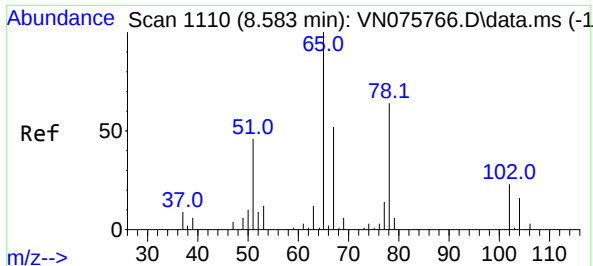


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.030 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

Tgt Ion: 56 Resp: 8292

Ion	Ratio	Lower	Upper
56	100		
69	131.9	24.7	37.1#
84	138.8	76.5	114.7#

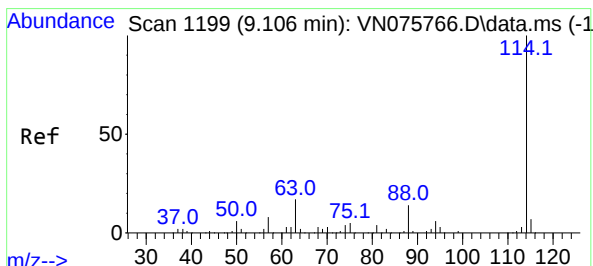
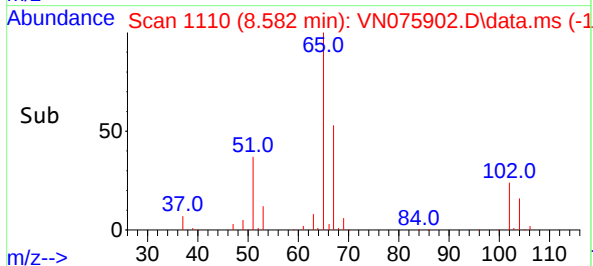
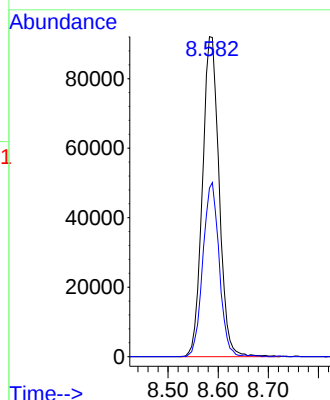
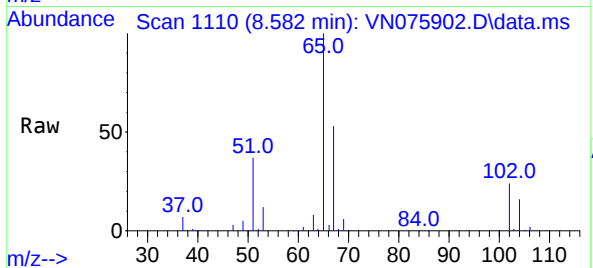




#33
1,2-Dichloroethane-d4
Concen: 46.477 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

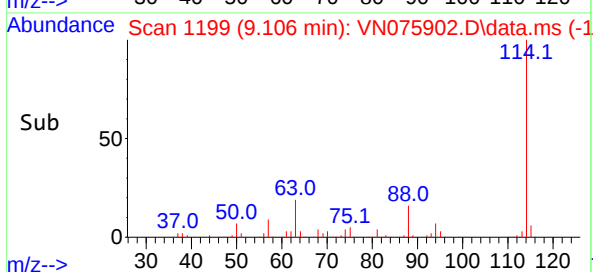
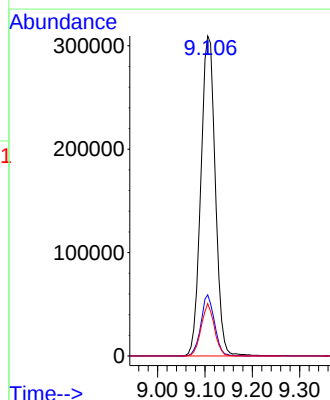
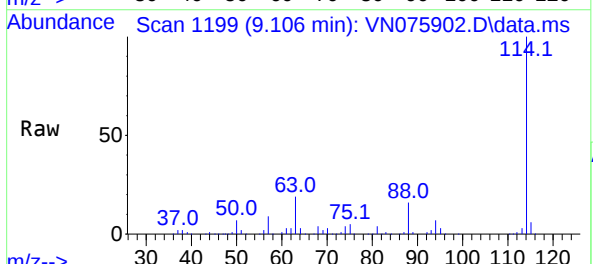
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

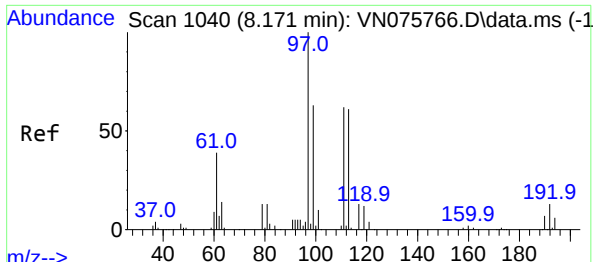
Tgt Ion: 65 Resp: 212479
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

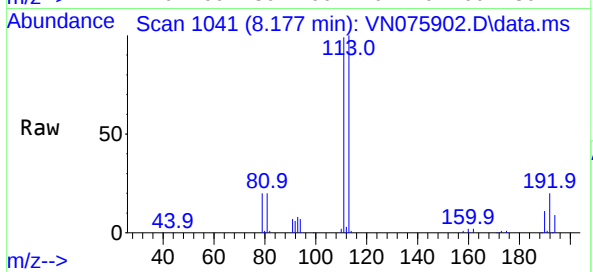
Tgt Ion: 114 Resp: 657151
Ion Ratio Lower Upper
114 100
63 19.1 0.0 34.4
88 16.4 0.0 28.8



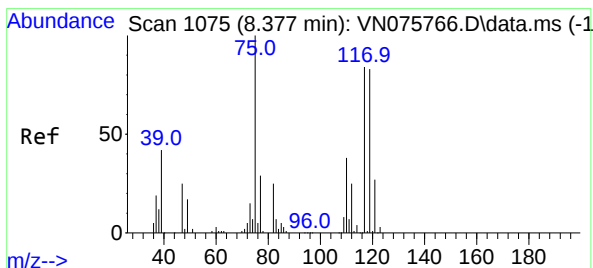
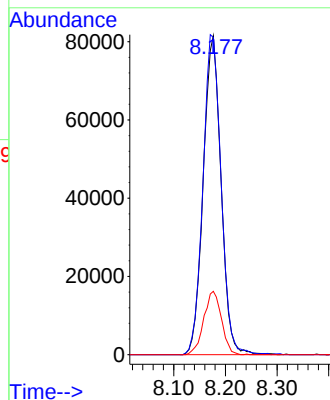
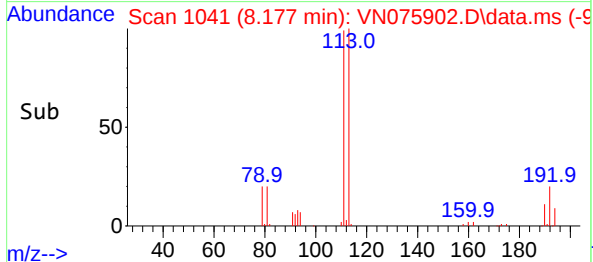


#35
Dibromofluoromethane
Concen: 47.938 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

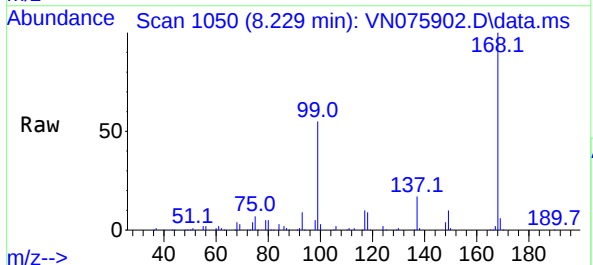
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668



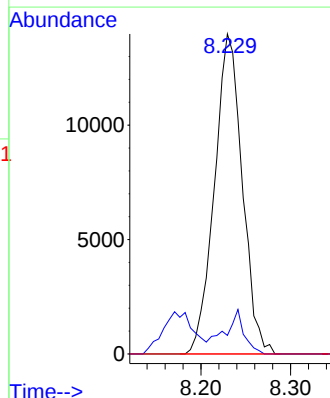
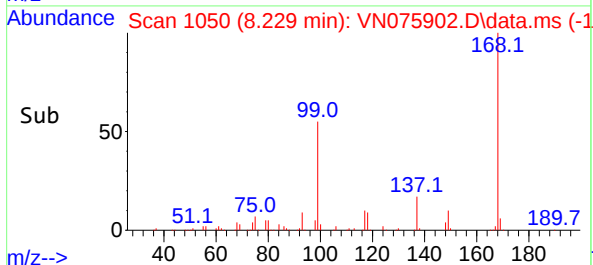
Tgt Ion:113 Resp: 195090
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 19.7 16.1 24.1

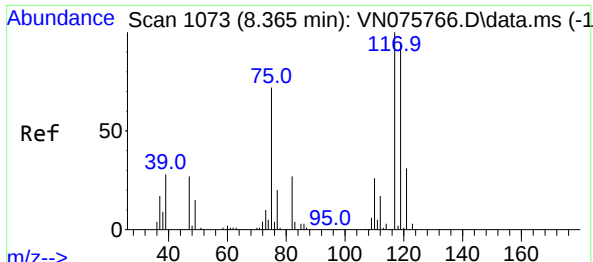


#36
1,1-Dichloropropene
Concen: 5.570 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35



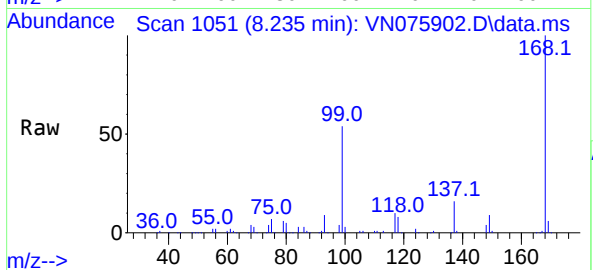
Tgt Ion: 75 Resp: 30112
Ion Ratio Lower Upper
75 100
110 9.9 18.8 56.4#
77 0.0 24.1 36.1#



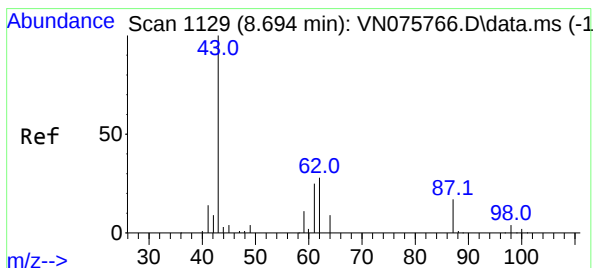
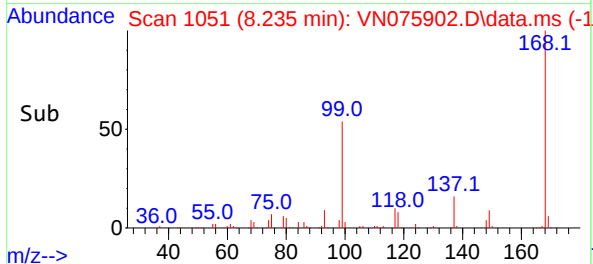
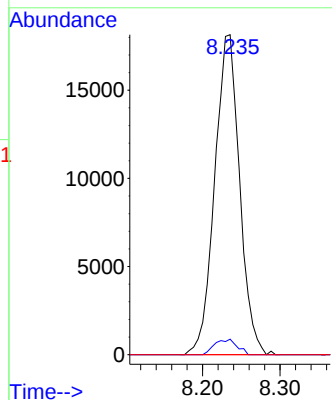


#38
Carbon Tetrachloride
Concen: 6.709 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.130 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

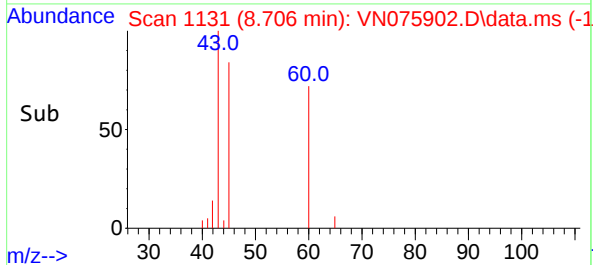
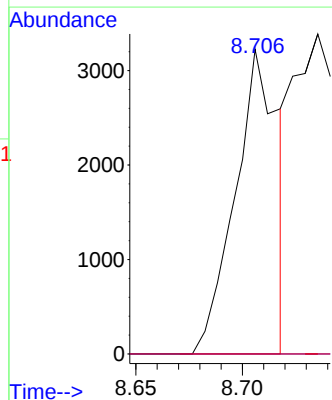
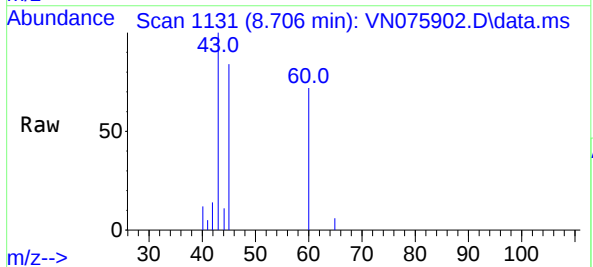


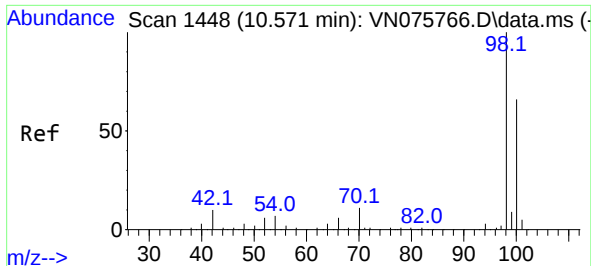
Tgt Ion:117 Resp: 40594
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.633 ug/l
RT: 8.706 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

Tgt Ion: 43 Resp: 4532
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

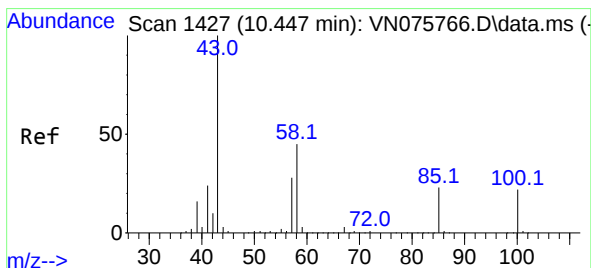
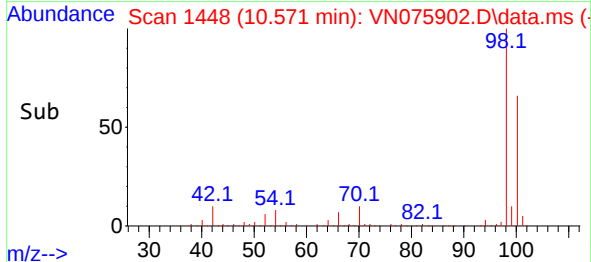
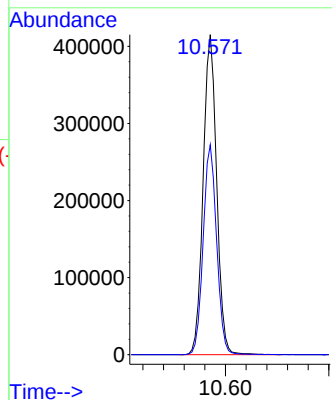
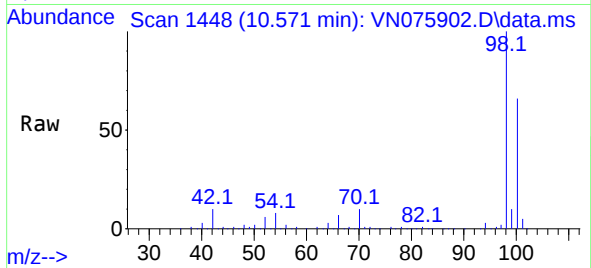




#50
Toluene-d8
Concen: 49.404 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

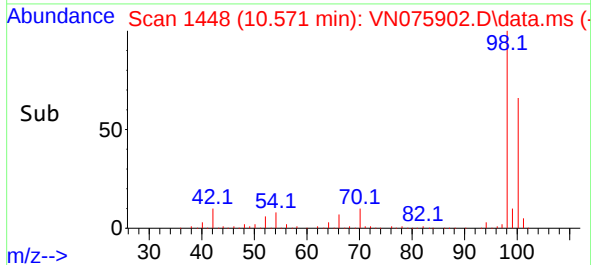
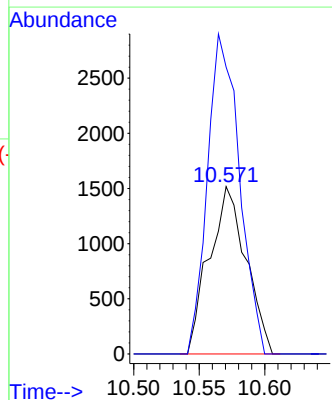
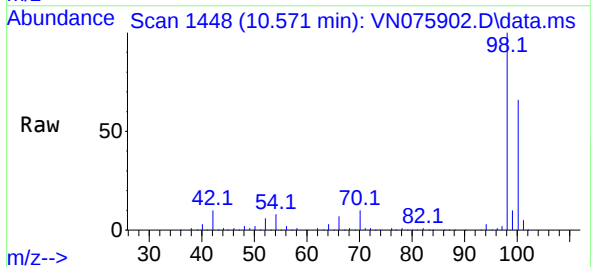
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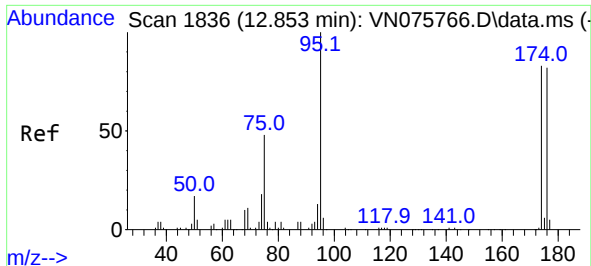
Tgt Ion: 98 Resp: 751726
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.686 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

Tgt Ion: 43 Resp: 2973
Ion Ratio Lower Upper
43 100
58 165.4 35.5 53.3#





#62

4-Bromofluorobenzene

Concen: 46.162 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075902.D

Acq: 20 Dec 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

CLI-0668

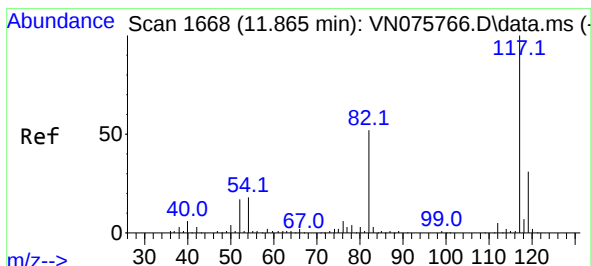
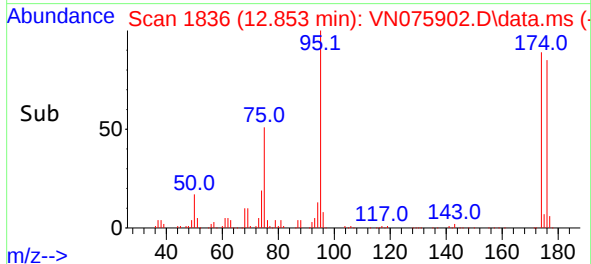
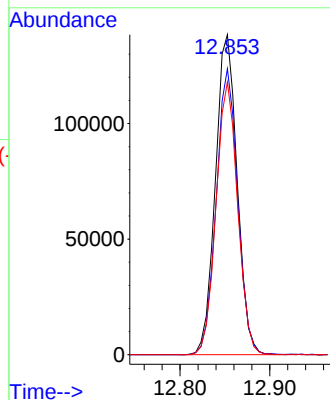
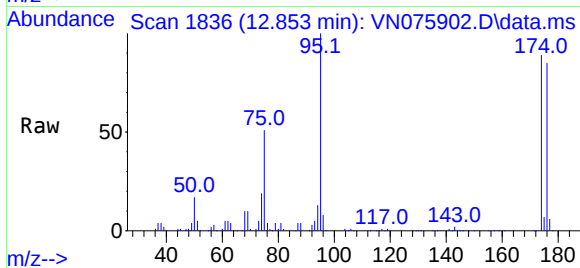
Tgt Ion: 95 Resp: 232640

Ion Ratio Lower Upper

95 100

174 88.1 0.0 171.6

176 84.3 0.0 169.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075902.D

Acq: 20 Dec 2022 16:35

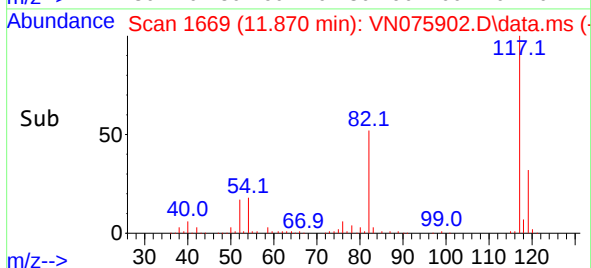
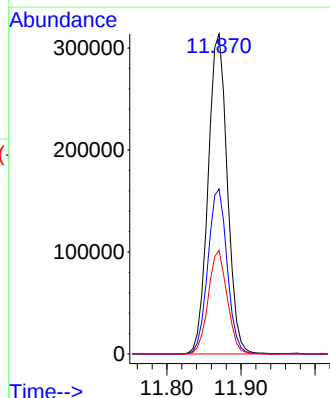
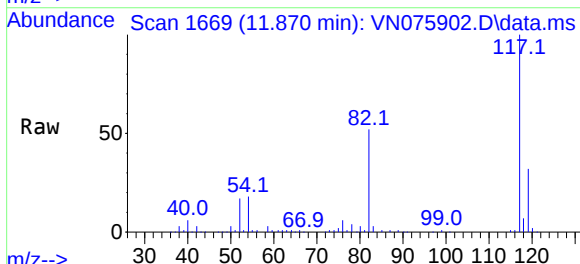
Tgt Ion: 117 Resp: 564354

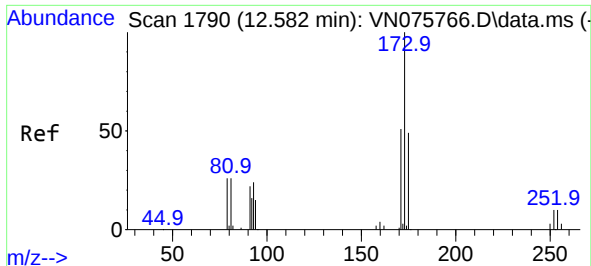
Ion Ratio Lower Upper

117 100

82 51.6 41.3 61.9

119 32.4 24.6 37.0

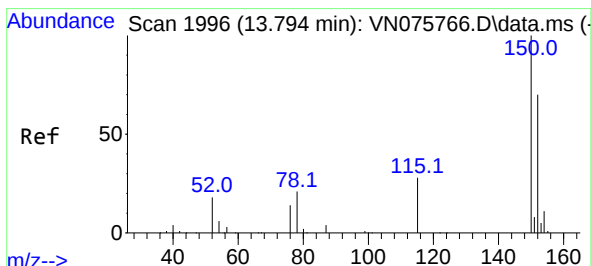
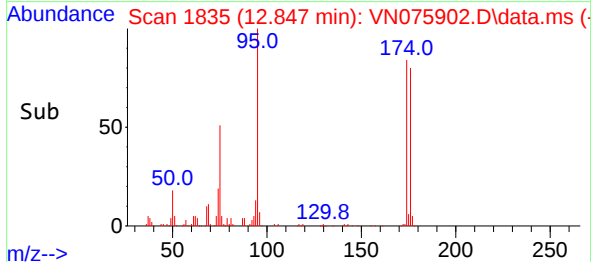
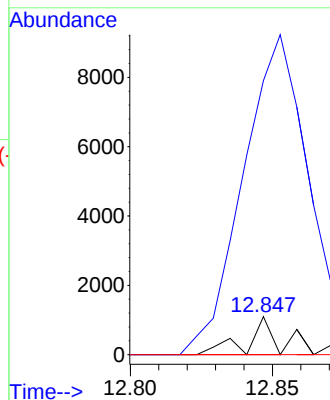
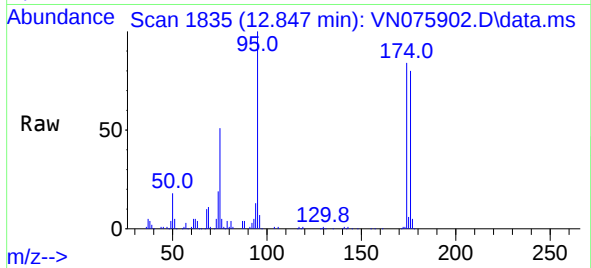




#71
Bromoform
Concen: 0.202 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

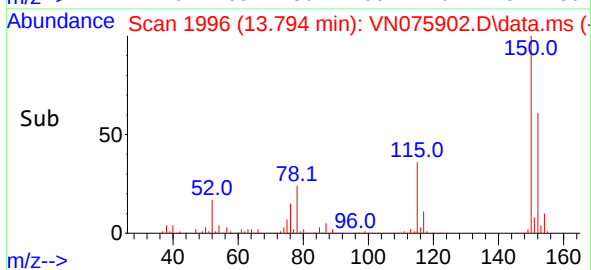
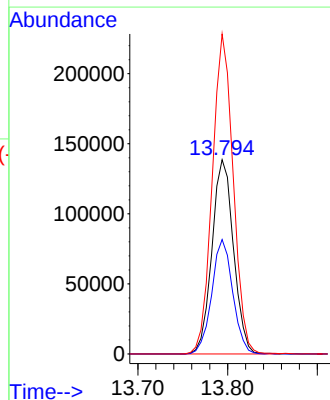
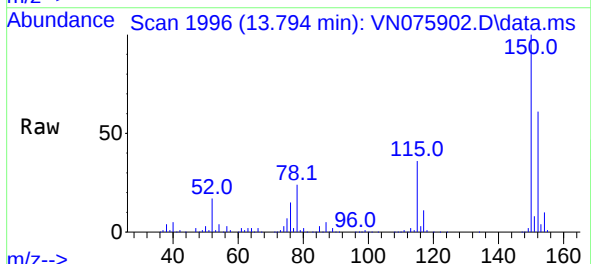
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

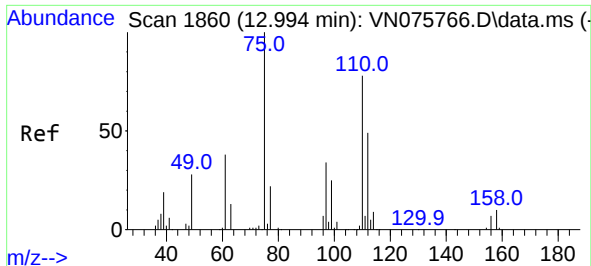
Tgt Ion:173 Resp: 630
Ion Ratio Lower Upper
173 100
175 1955.6 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

Tgt Ion:152 Resp: 231144
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.4
150 160.1 0.0 347.0

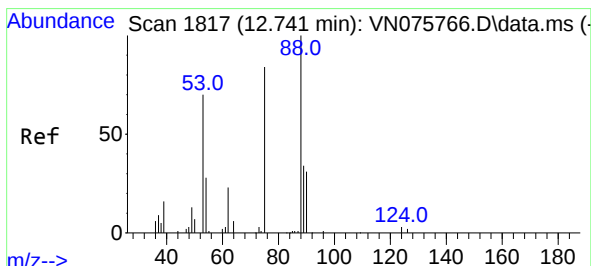
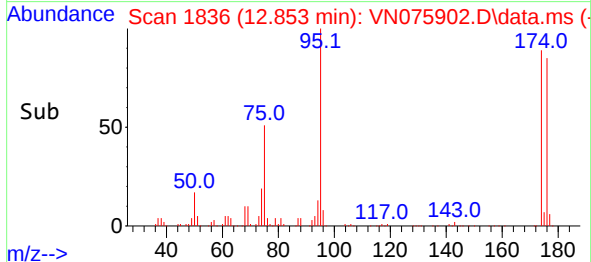
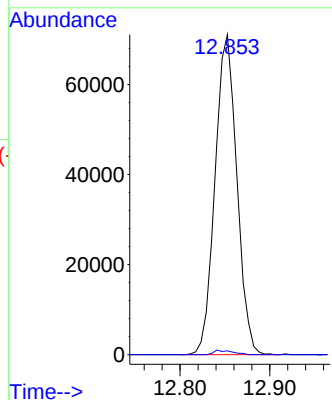
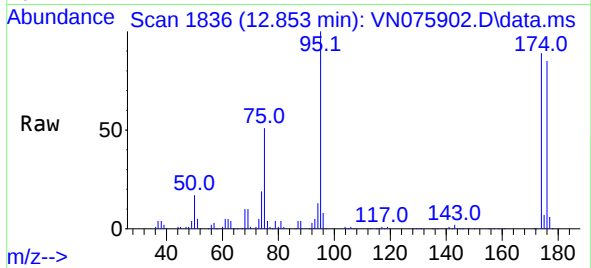




#76
1,2,3-Trichloropropane
Concen: 25.722 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

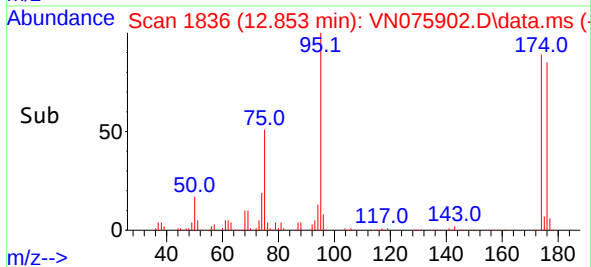
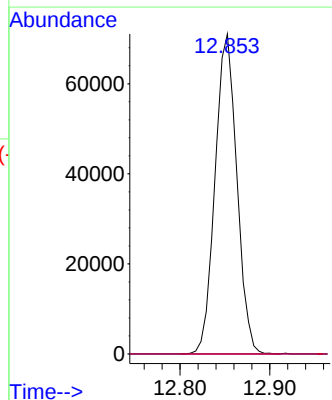
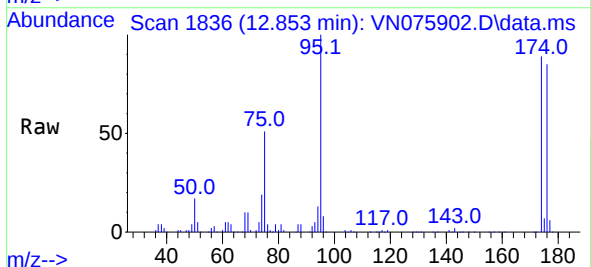
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

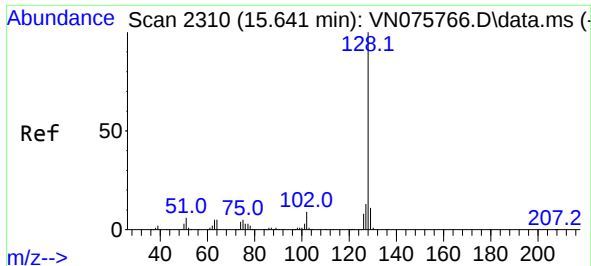
Tgt Ion: 75 Resp: 119846
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.586 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

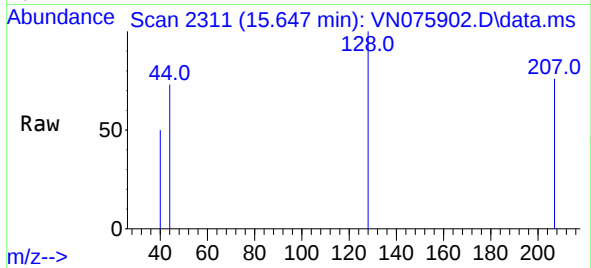
Tgt Ion: 75 Resp: 119846
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.239 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075902.D
Acq: 20 Dec 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
CLI-0668



Tgt Ion:128 Resp: 803

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

