

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075250.D
 Acq On : 11 Nov 2022 16:05
 Operator : JC\MD
 Sample : N5582-10 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0667

Quant Time: Nov 14 03:46:48 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)

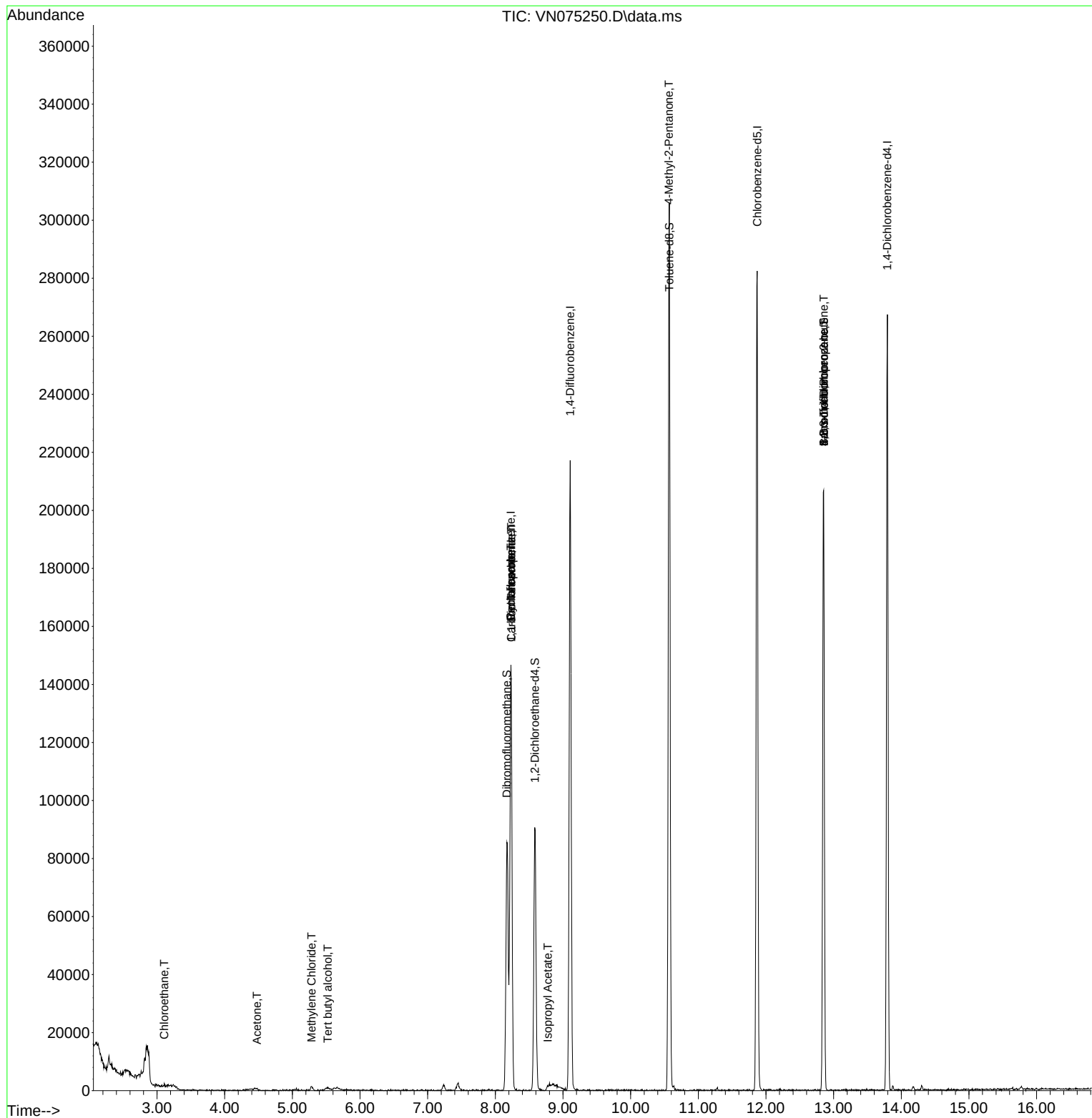
Internal Standards						
1) Pentafluorobenzene	8.230	168	103199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	192613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	168682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74363	53.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.960%	
35) Dibromofluoromethane	8.171	113	63223	55.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.820%	
50) Toluene-d8	10.571	98	218004	49.694	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.853	95	73595	47.756	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.520%	
Target Compounds						Qvalue
6) Chloroethane	3.106	64	416	0.285	ug/l #	45
11) Tert butyl alcohol	5.524	59	316	0.975	ug/l #	72
16) Acetone	4.477	43	1212	2.059	ug/l #	43
20) Methylene Chloride	5.283	84	914	0.696	ug/l	95
31) Cyclohexane	8.230	56	2270	1.098	ug/l #	3
36) 1,1-Dichloropropene	8.235	75	8687	4.962	ug/l #	52
38) Carbon Tetrachloride	8.235	117	11154	5.792	ug/l #	18
43) Isopropyl Acetate	8.777	43	1026	0.345	ug/l #	53
51) 4-Methyl-2-Pentanone	10.565	43	877	0.456	ug/l #	1
71) Bromoform	12.853	173	712	0.712	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	38903	25.404	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	38903	65.211	ug/l #	10

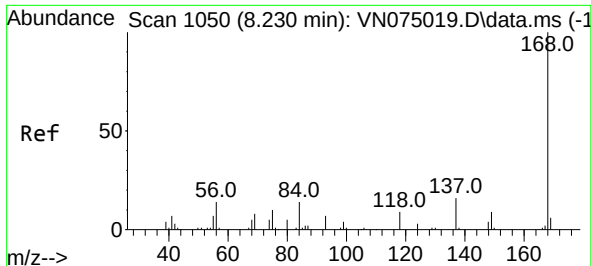
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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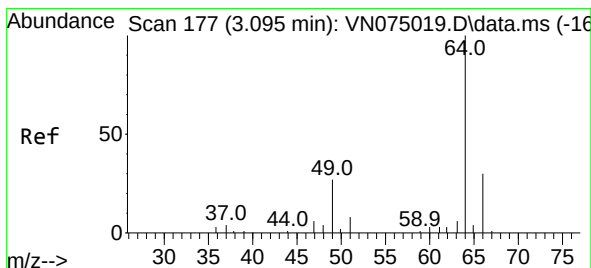
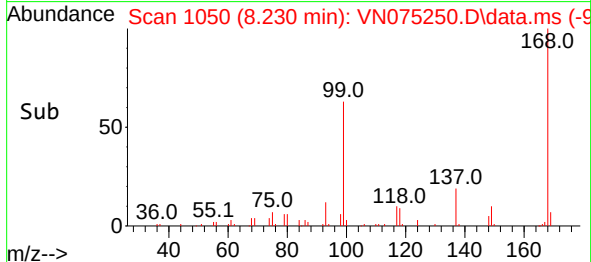
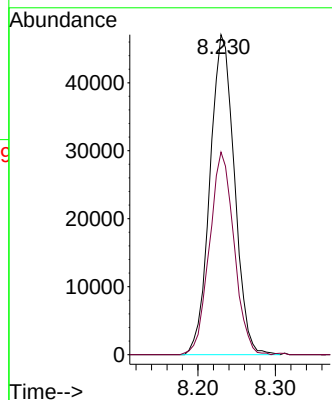
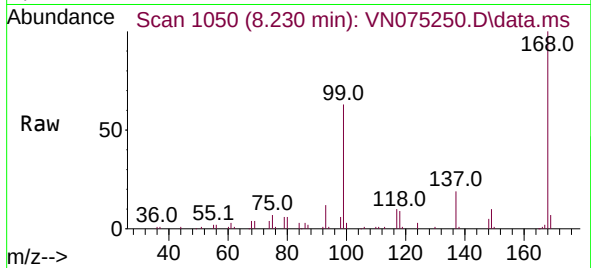




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

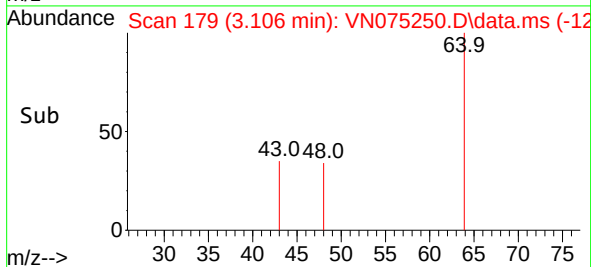
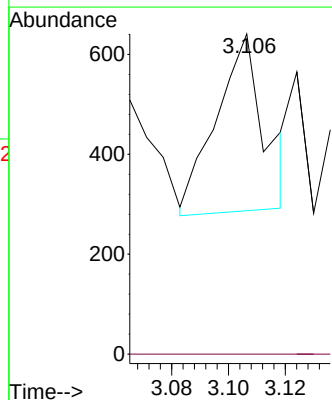
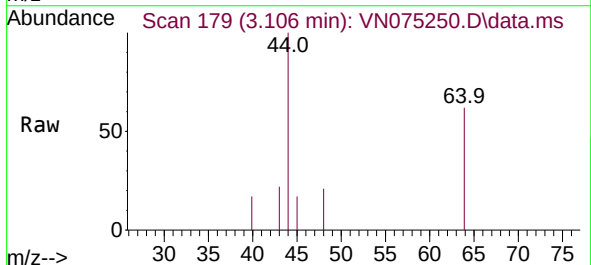
Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

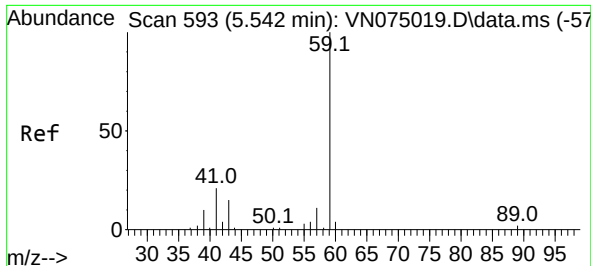
Tgt Ion:168 Resp: 103199
Ion Ratio Lower Upper
168 100
99 63.3 51.6 77.4



#6
Chloroethane
Concen: 0.285 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Tgt Ion: 64 Resp: 416
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

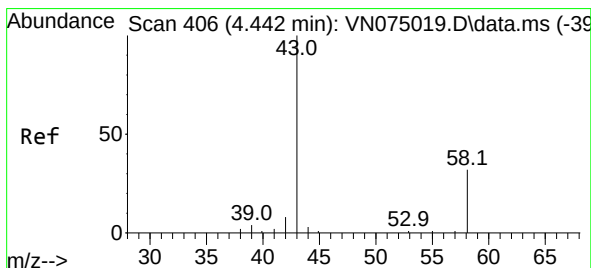
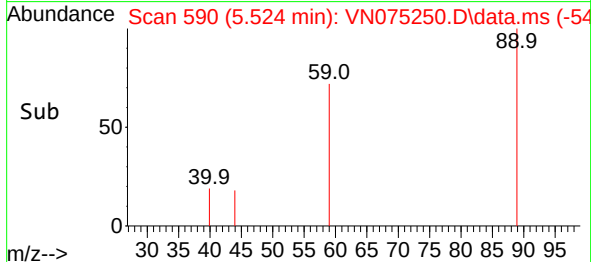
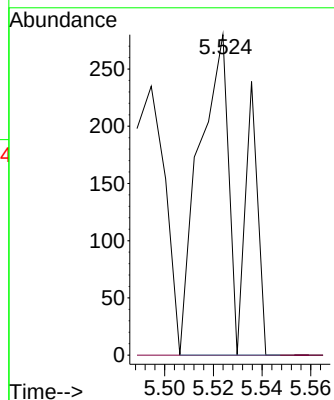
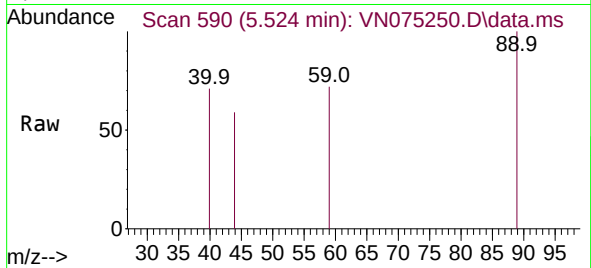




#11
Tert butyl alcohol
Concen: 0.975 ug/l
RT: 5.524 min Scan# 593
Delta R.T. -0.018 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

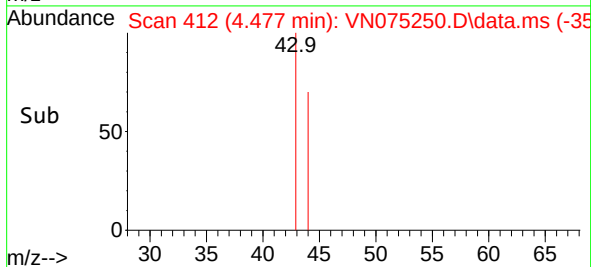
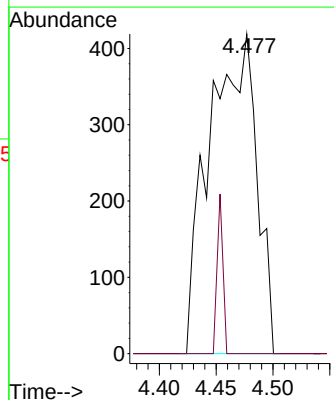
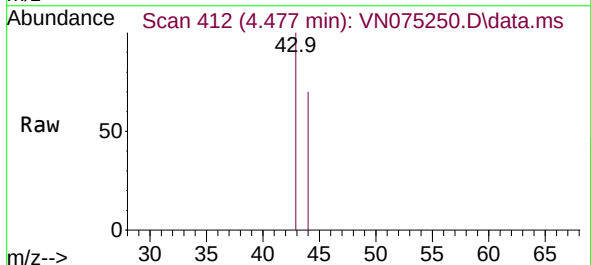
Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

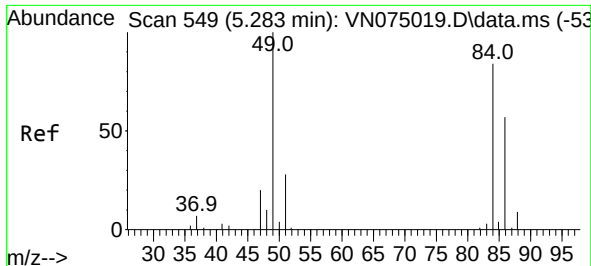
Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 2.059 ug/l
RT: 4.477 min Scan# 412
Delta R.T. 0.035 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

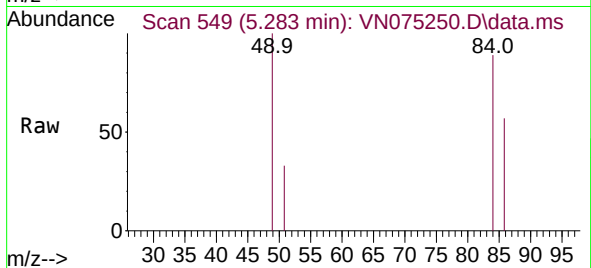
Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#





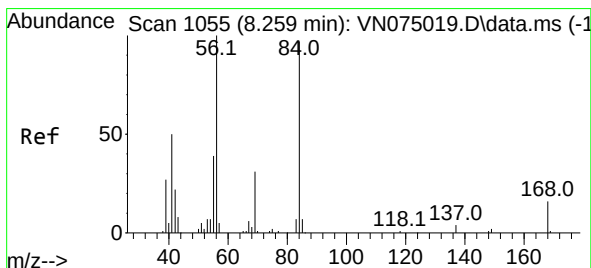
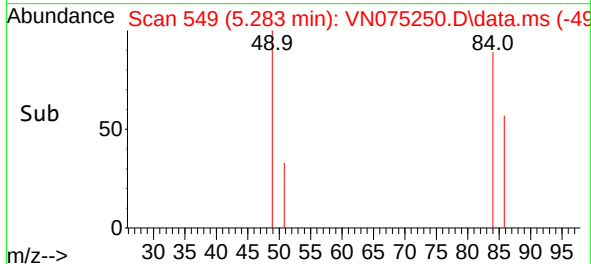
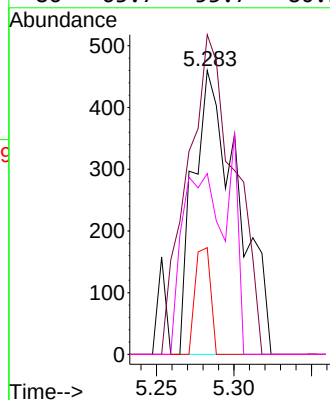
#20
Methylene Chloride
Concen: 0.696 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667



Tgt Ion: 84 Resp: 914

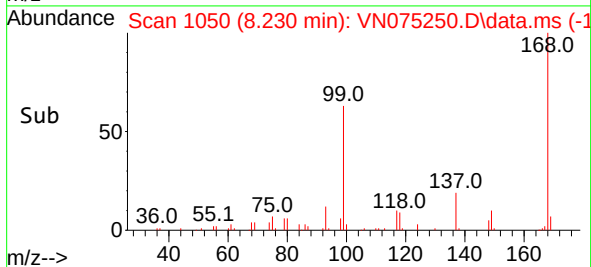
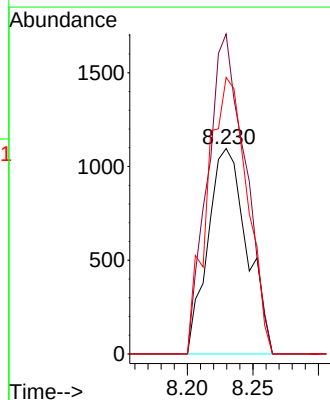
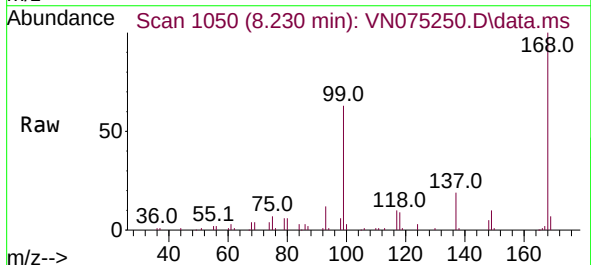
Ion	Ratio	Lower	Upper
84	100		
49	112.6	94.9	142.3
51	37.6	26.8	40.2
86	63.7	53.7	80.5

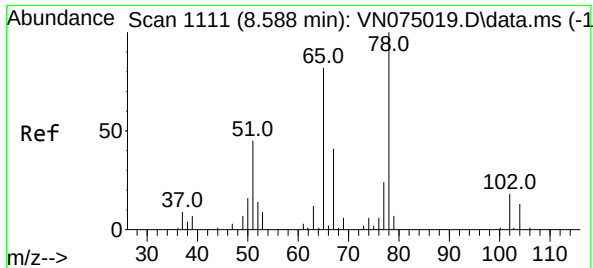


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Tgt Ion: 56 Resp: 2270

Ion	Ratio	Lower	Upper
56	100		
69	155.7	25.2	37.8#
84	151.8	77.8	116.8#





#33

1,2-Dichloroethane-d4

Concen: 53.480 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075250.D

Acq: 11 Nov 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

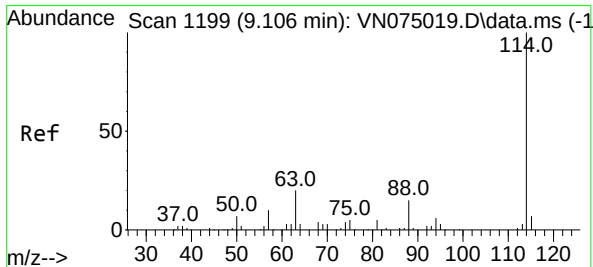
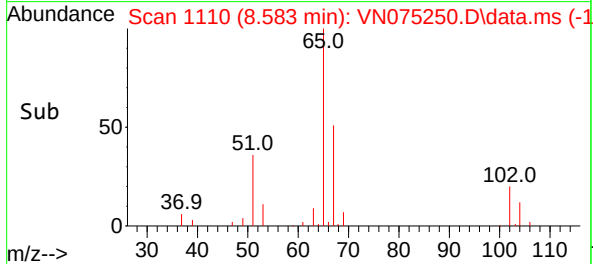
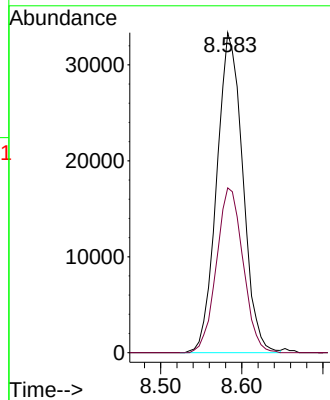
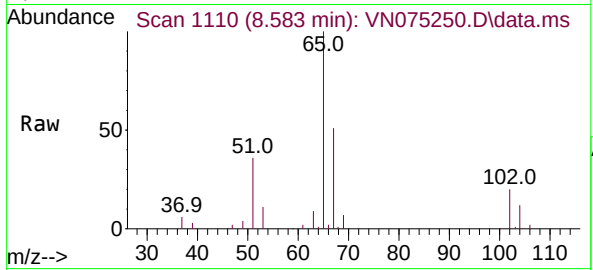
CLI-0667

Tgt Ion: 65 Resp: 74363

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075250.D

Acq: 11 Nov 2022 16:05

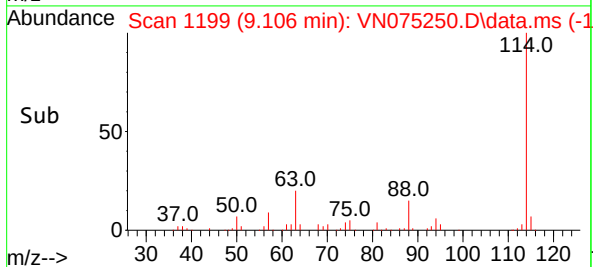
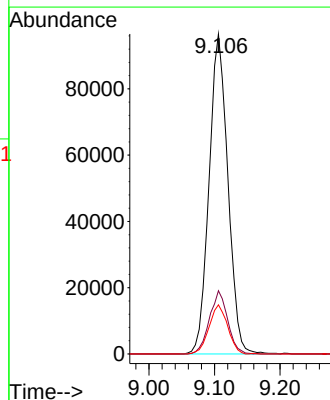
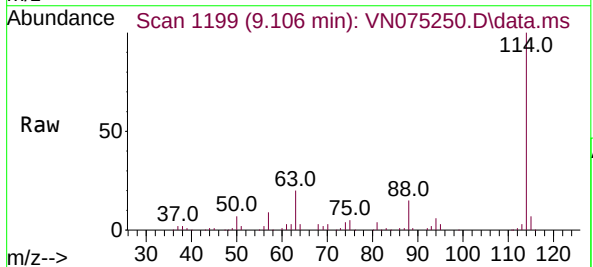
Tgt Ion: 114 Resp: 192613

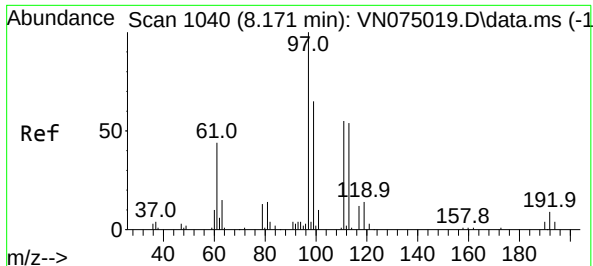
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.913 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075250.D

Acq: 11 Nov 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

CLI-0667

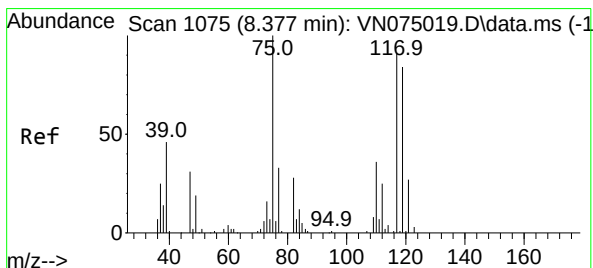
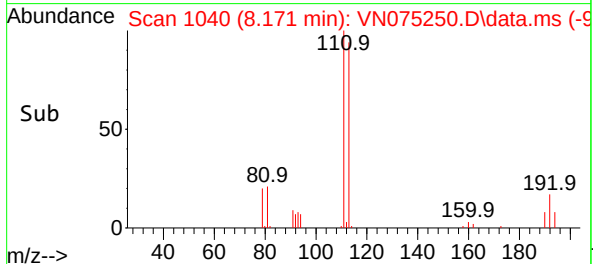
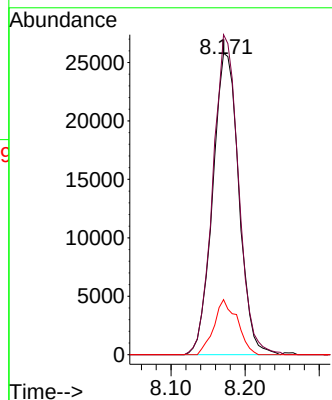
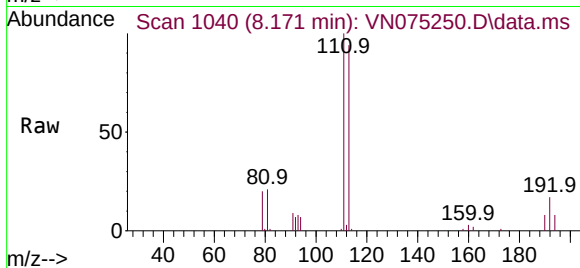
Tgt Ion:113 Resp: 63223

Ion Ratio Lower Upper

113 100

111 103.9 80.5 120.7

192 16.3 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.962 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.142 min

Lab File: VN075250.D

Acq: 11 Nov 2022 16:05

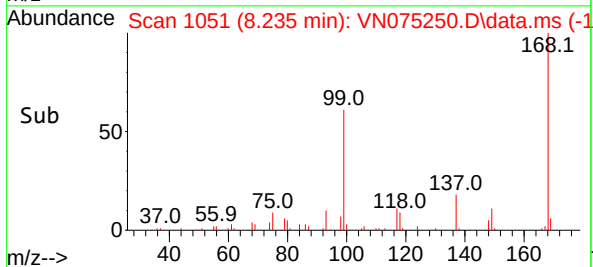
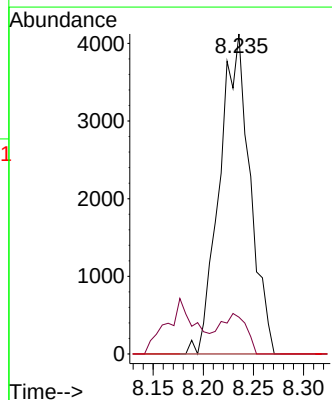
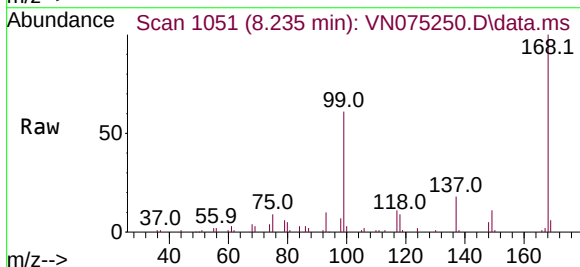
Tgt Ion: 75 Resp: 8687

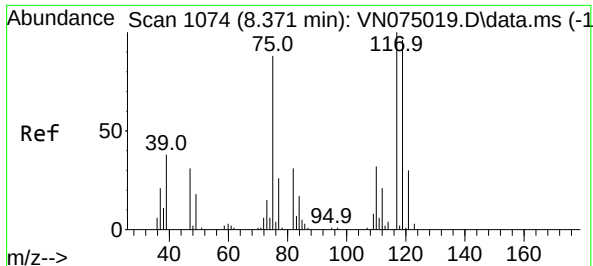
Ion Ratio Lower Upper

75 100

110 11.1 17.8 53.3#

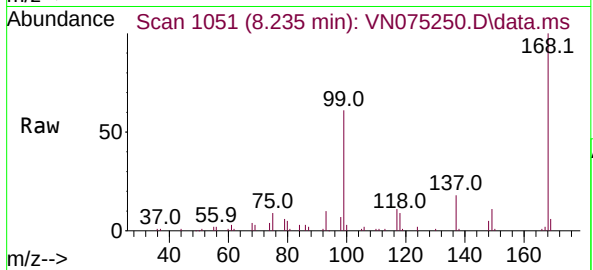
77 0.0 24.6 37.0#



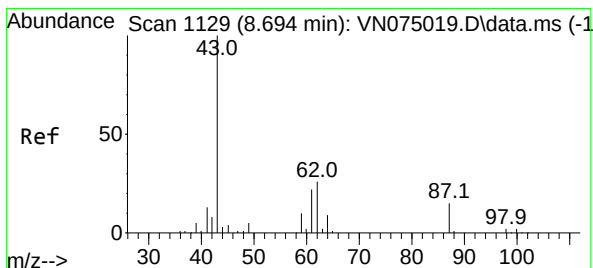
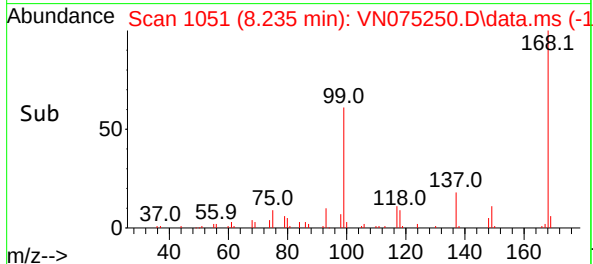
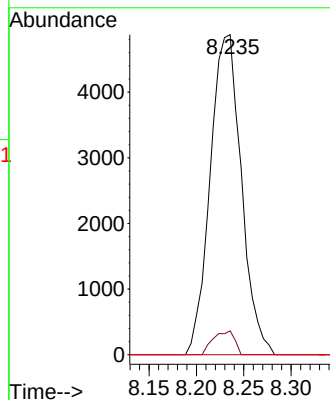


#38
Carbon Tetrachloride
Concen: 5.792 ug/l
RT: 8.235 min Scan# 11154
Delta R.T. -0.136 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

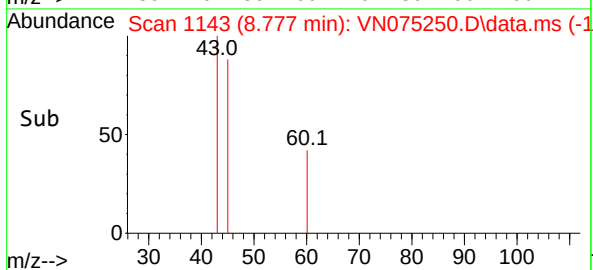
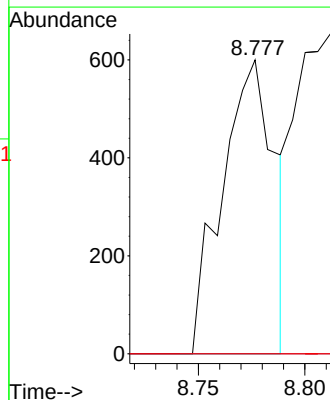
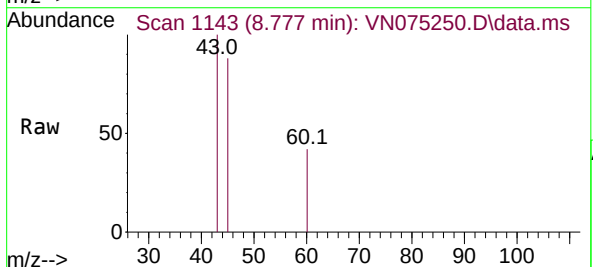


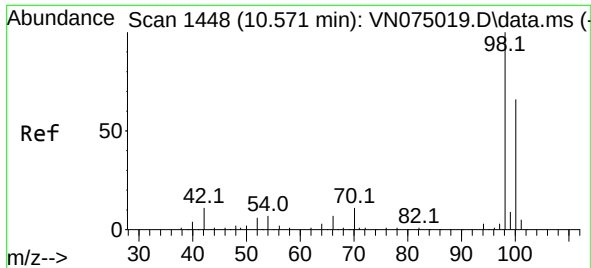
Tgt Ion:117 Resp: 11154
Ion Ratio Lower Upper
117 100
119 7.5 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.345 ug/l
RT: 8.777 min Scan# 1143
Delta R.T. 0.083 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Tgt Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

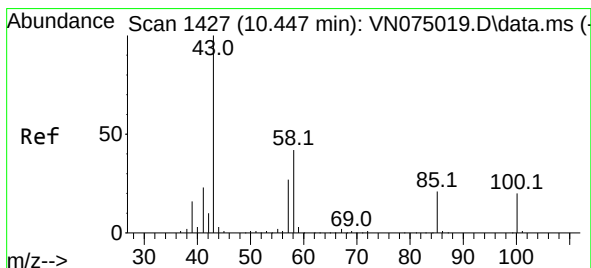
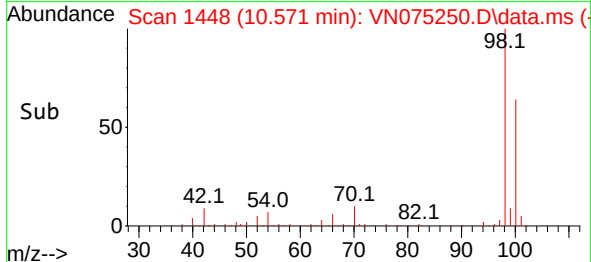
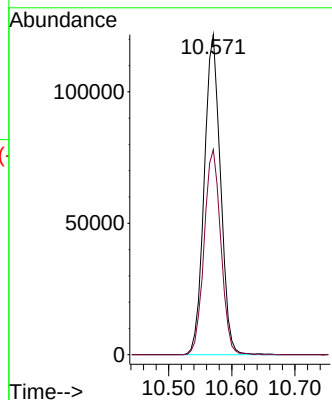
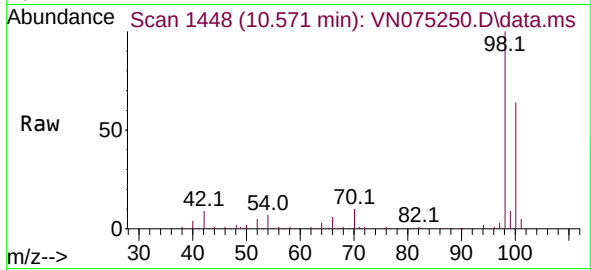




#50
Toluene-d8
Concen: 49.694 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

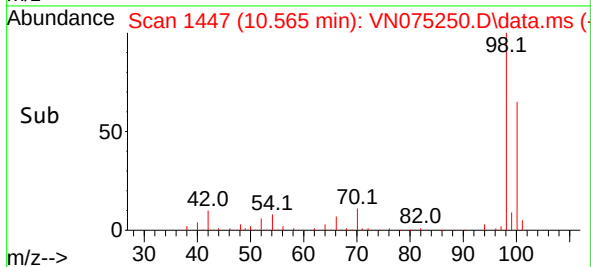
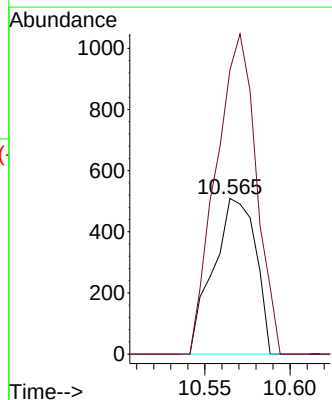
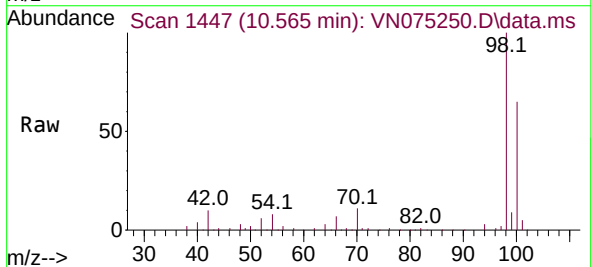
Instrument :
MSVOA_N
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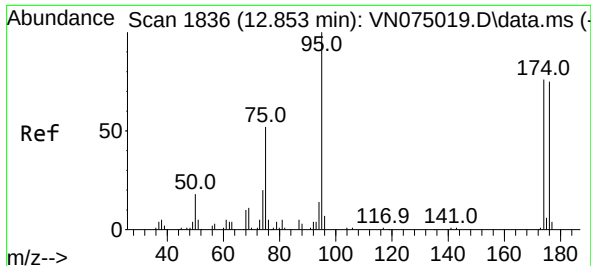
Tgt Ion: 98 Resp: 218004
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
58 196.0 33.6 50.4#

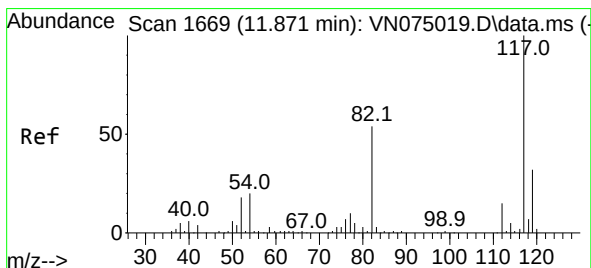
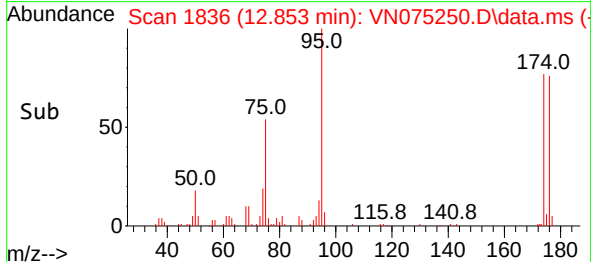
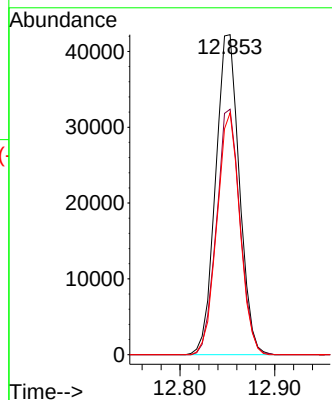
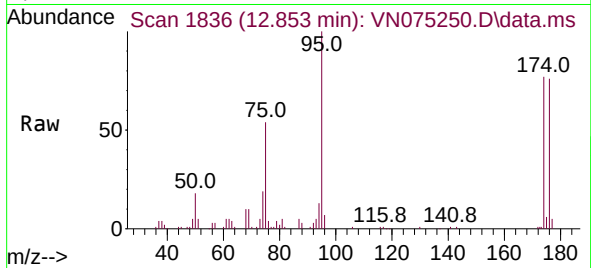




#62
4-Bromofluorobenzene
Concen: 47.756 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

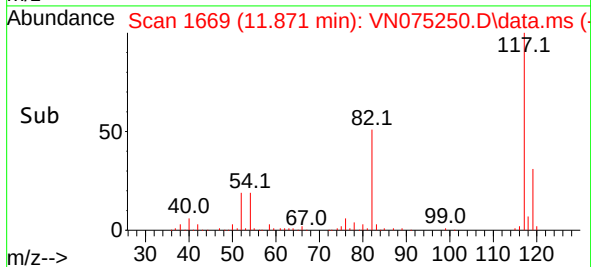
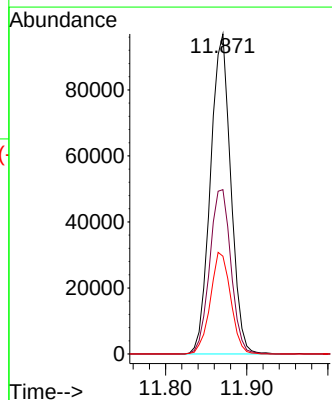
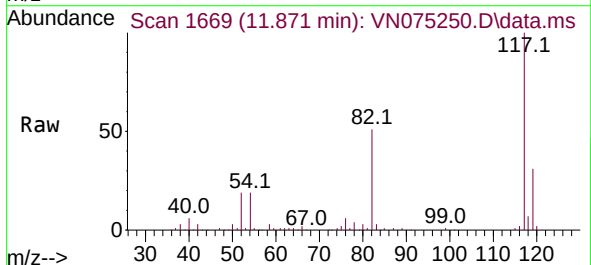
Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

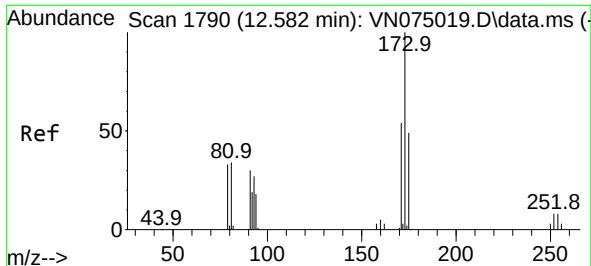
Tgt Ion: 95 Resp: 73595
Ion Ratio Lower Upper
95 100
174 75.9 0.0 147.4
176 73.0 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Tgt Ion: 117 Resp: 168682
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 30.5 25.5 38.3

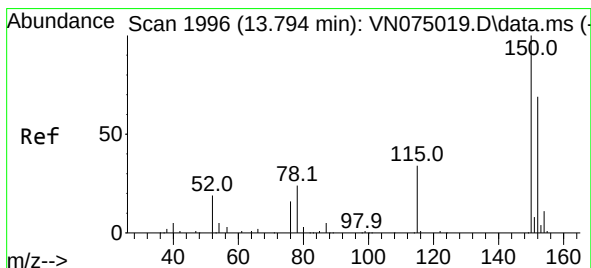
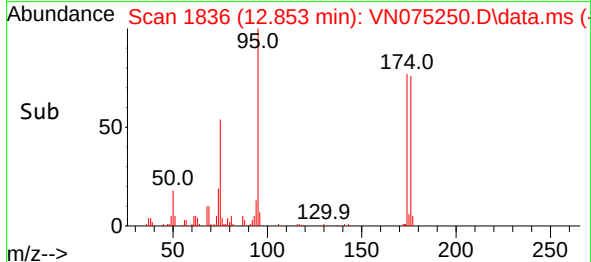
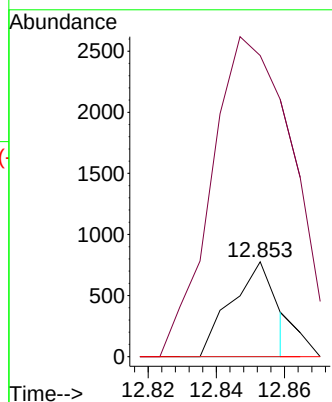
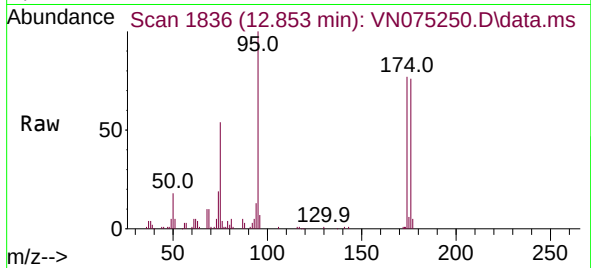




#71
Bromoform
Concen: 0.712 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

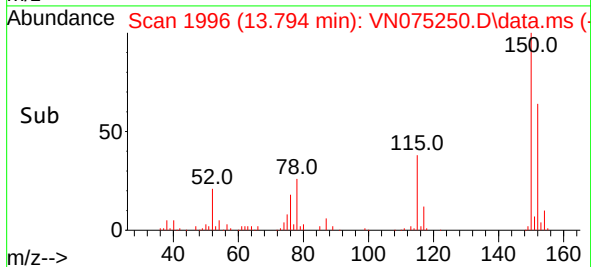
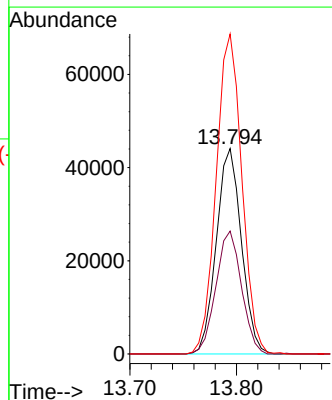
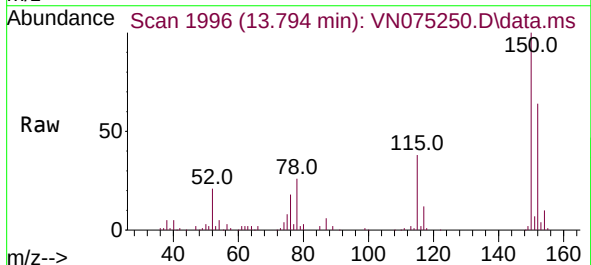
Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

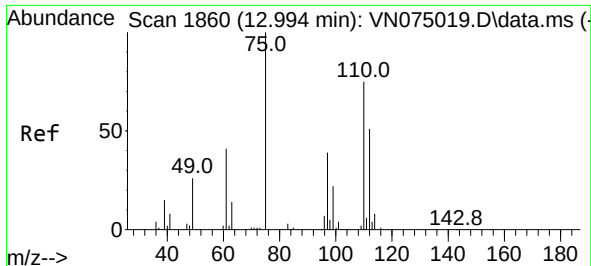
Tgt Ion:173 Resp: 712
Ion Ratio Lower Upper
173 100
175 514.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Tgt Ion:152 Resp: 72124
Ion Ratio Lower Upper
152 100
115 60.9 30.2 90.6
150 159.2 0.0 348.4

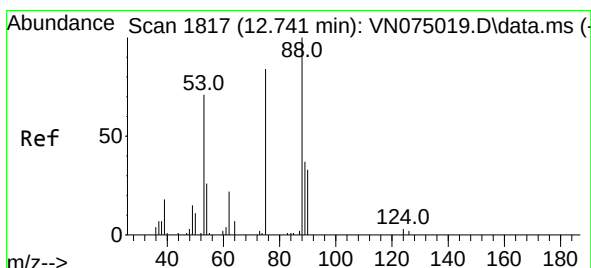
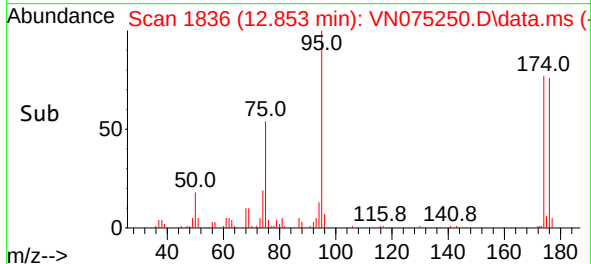
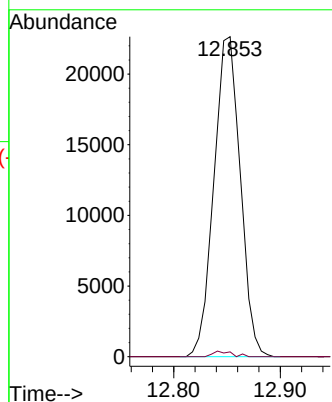
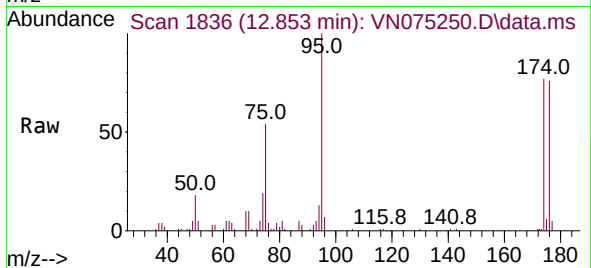




#76
1,2,3-Trichloropropane
Concen: 25.404 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion: 75 Resp: 38903
Ion Ratio Lower Upper
75 100
77 1.2 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.211 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075250.D
Acq: 11 Nov 2022 16:05

Tgt Ion: 75 Resp: 38903
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

