

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
 Data File : VN075185.D
 Acq On : 07 Nov 2022 13:54
 Operator : JC\MD
 Sample : VN1107WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBL01

Quant Time: Nov 08 01:08:39 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)

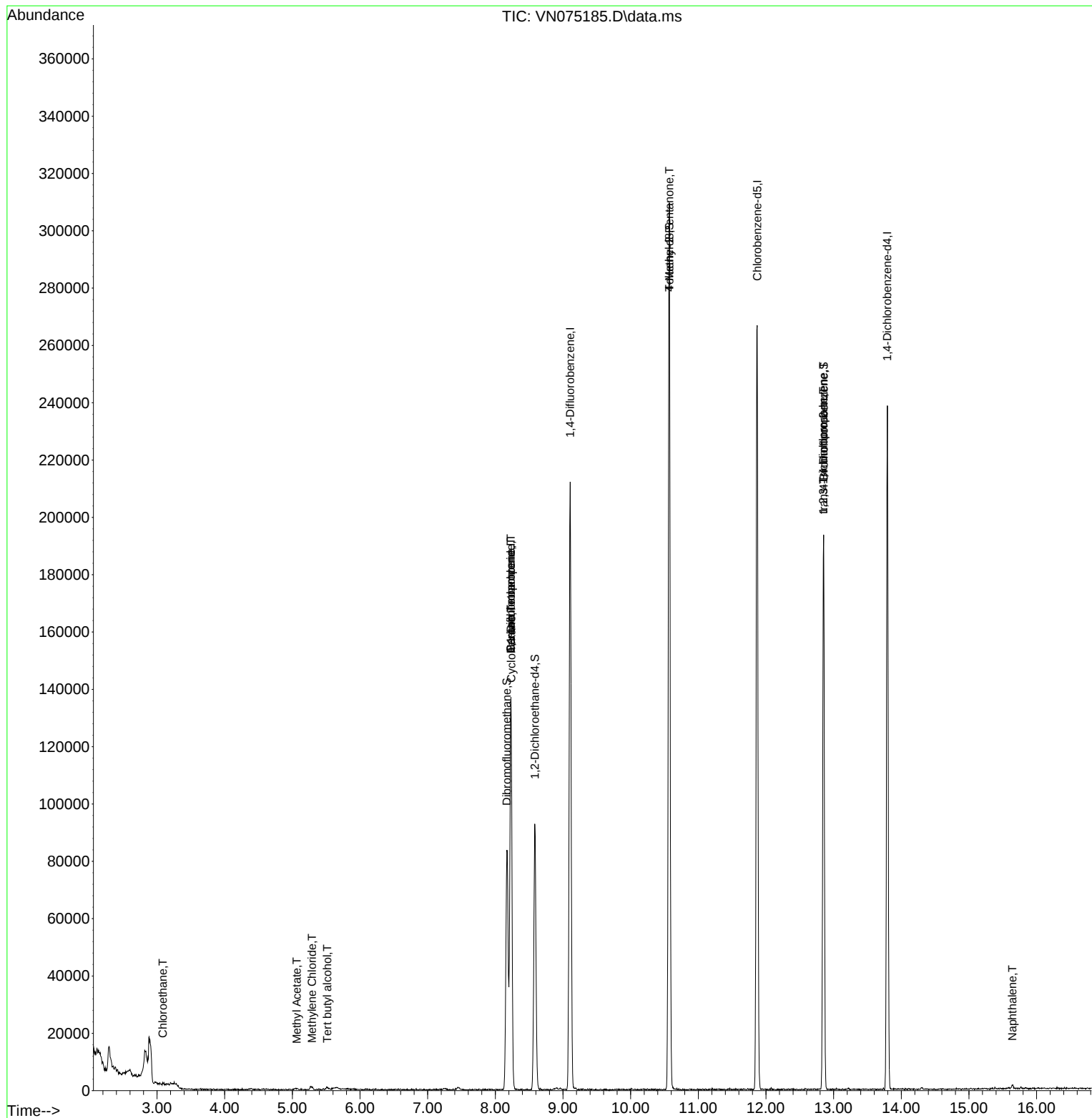
Internal Standards						
1) Pentafluorobenzene	8.230	168	95730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	157613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	74984	58.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.260%			
35) Dibromofluoromethane	8.171	113	60764	56.332	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.660%			
50) Toluene-d8	10.571	98	214631	51.286	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.580%			
62) 4-Bromofluorobenzene	12.853	95	67333	45.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.600%			
Target Compounds						Qvalue
5) Bromomethane	2.918	94	585	Below Cal		82
6) Chloroethane	3.083	64	1042	0.770 ug/l #		45
11) Tert butyl alcohol	5.518	59	370	1.230 ug/l #		72
18) Methyl Acetate	5.065	43	1023	0.573 ug/l #		47
20) Methylene Chloride	5.289	84	1064	0.874 ug/l #		56
31) Cyclohexane	8.235	56	2514	1.310 ug/l #		44
36) 1,1-Dichloropropene	8.230	75	8313	4.978 ug/l #		48
38) Carbon Tetrachloride	8.230	117	10737	5.845 ug/l #		17
51) 4-Methyl-2-Pentanone	10.571	43	620	0.338 ug/l #		1
76) 1,2,3-Trichloropropane	12.847	75	36562	28.086 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	36562	72.097 ug/l #		10
95) Naphthalene	15.641	128	1583	0.453 ug/l #		76

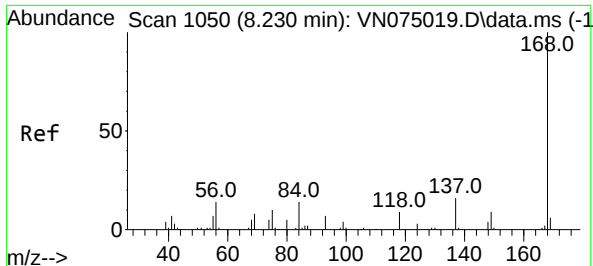
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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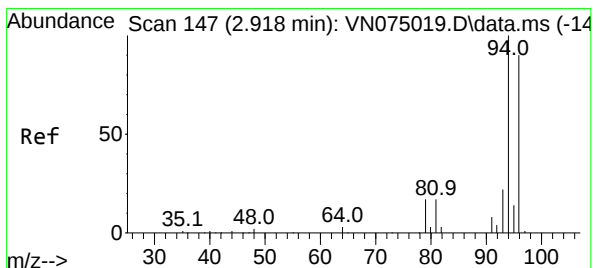
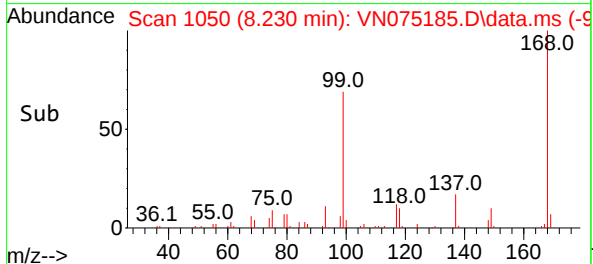
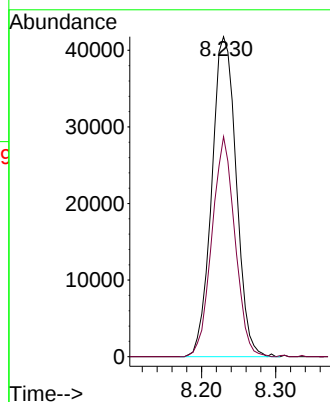
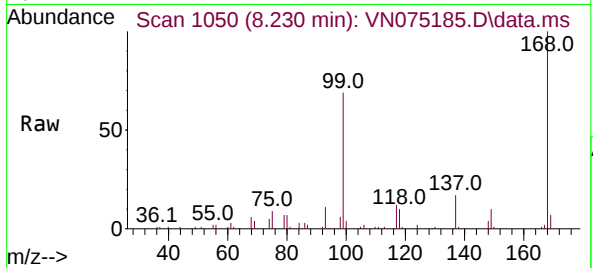




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

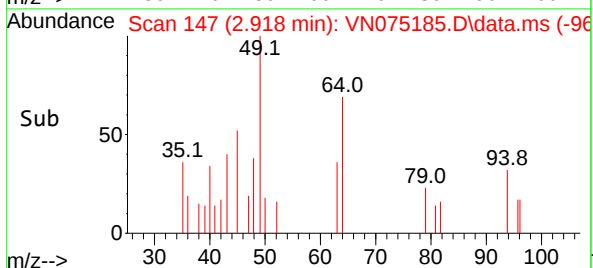
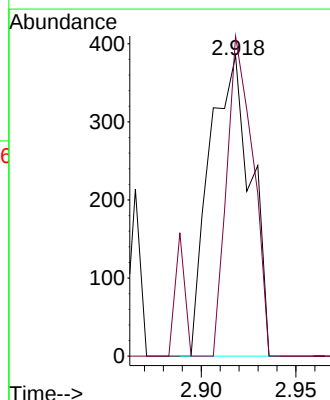
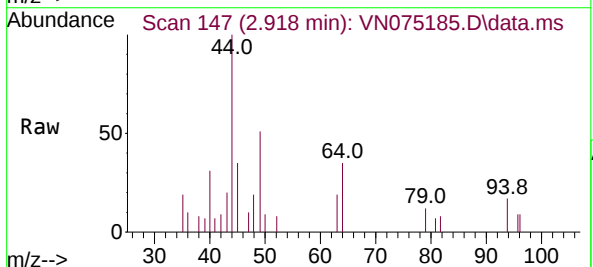
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

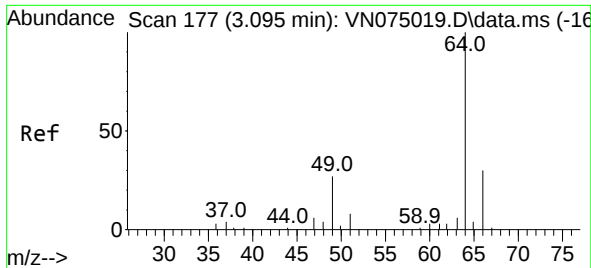
Tgt Ion:168 Resp: 95730
Ion Ratio Lower Upper
168 100
99 68.8 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

Tgt Ion: 94 Resp: 585
Ion Ratio Lower Upper
94 100
96 106.5 71.8 107.6

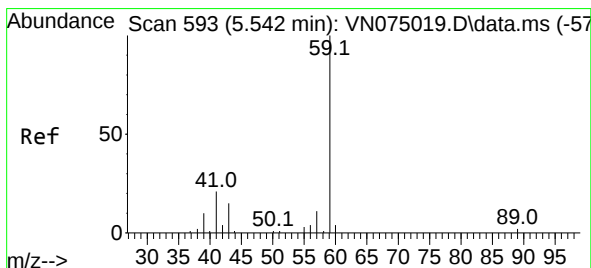
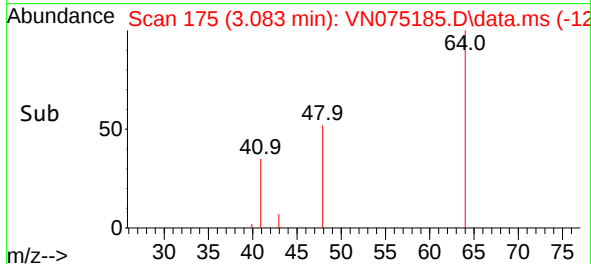
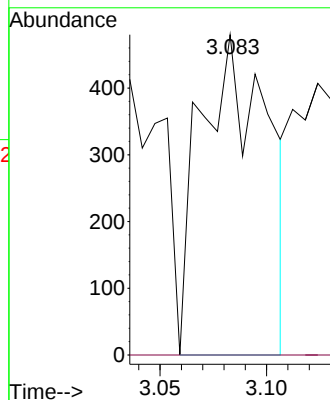
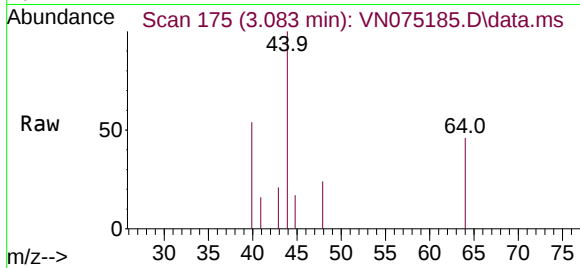




#6
Chloroethane
Concen: 0.770 ug/l
RT: 3.083 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

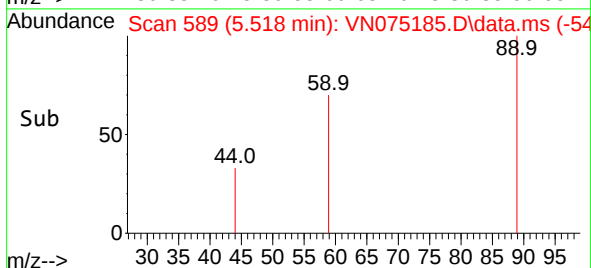
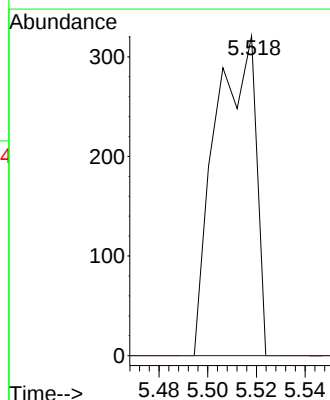
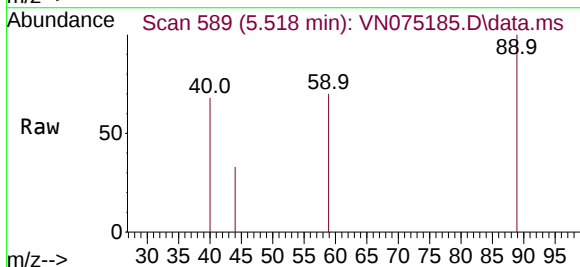
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

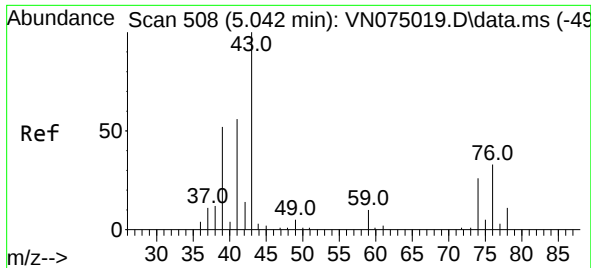
Tgt Ion: 64 Resp: 1042
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 1.230 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.024 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

Tgt Ion: 59 Resp: 370
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

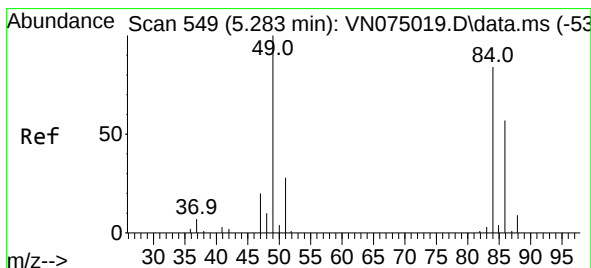
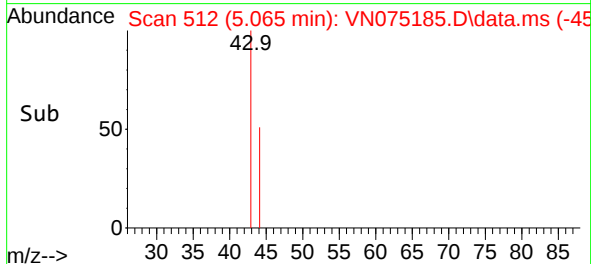
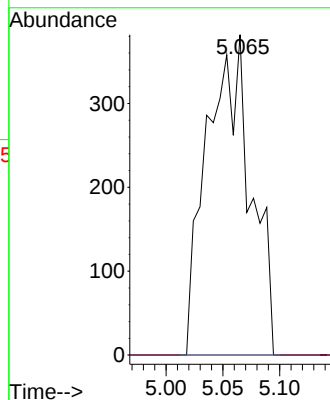
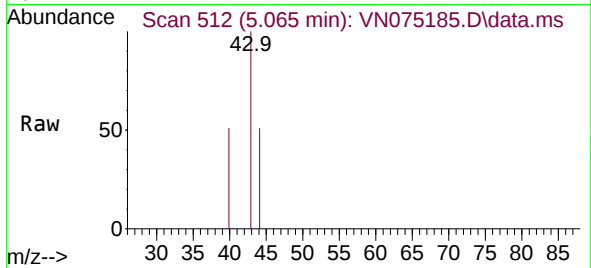




#18
Methyl Acetate
Concen: 0.573 ug/l
RT: 5.065 min Scan# 512
Delta R.T. 0.023 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

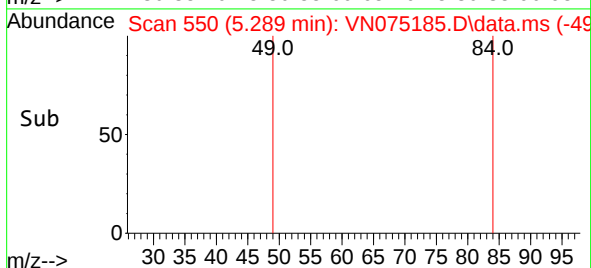
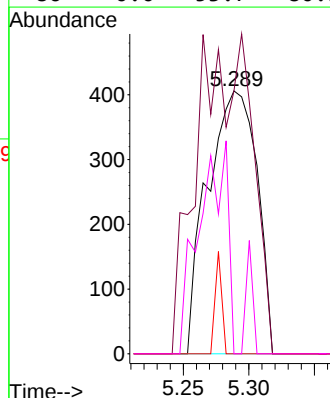
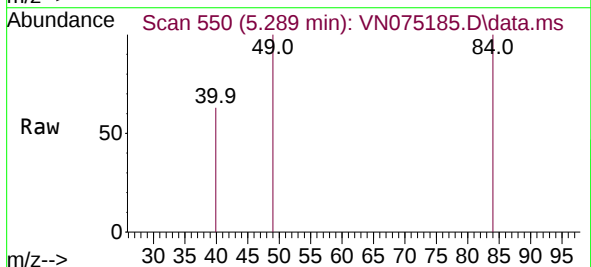
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

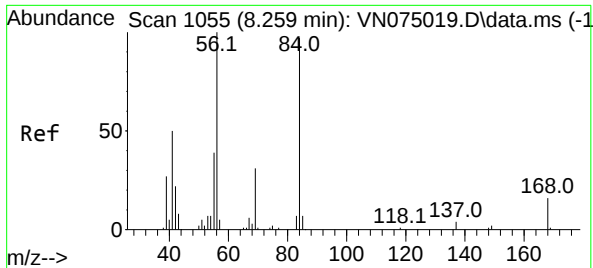
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 0.874 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

Tgt Ion: 84 Resp: 1064
Ion Ratio Lower Upper
84 100
49 100.0 94.9 142.3
51 0.0 26.8 40.2#
86 0.0 53.7 80.5#

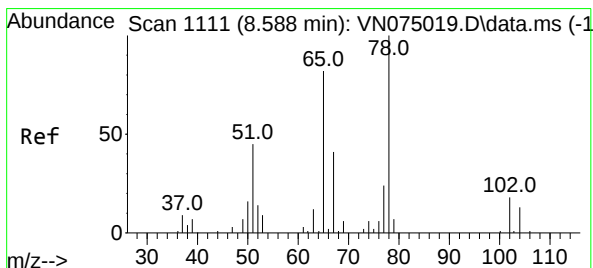
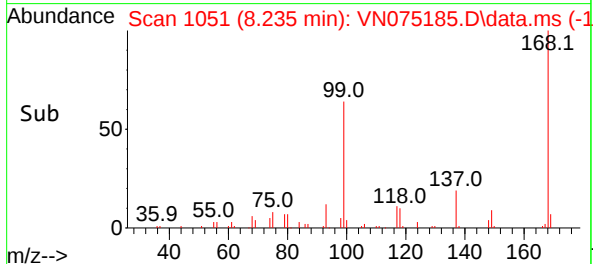
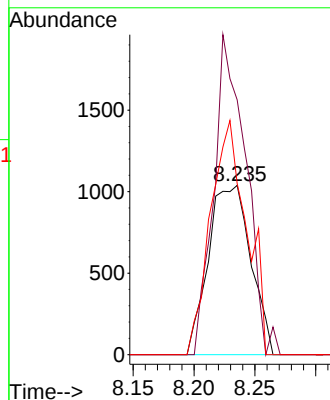
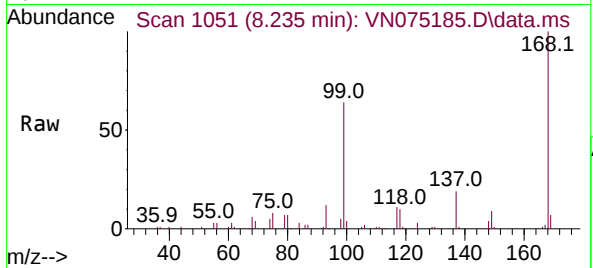




#31
Cyclohexane
Concen: 1.310 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. -0.024 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

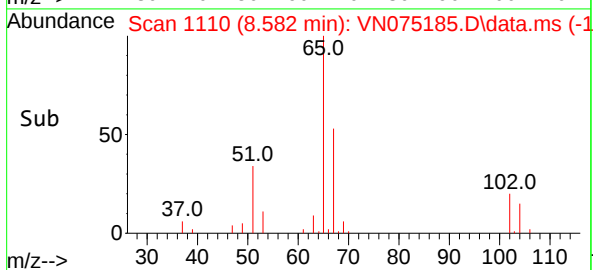
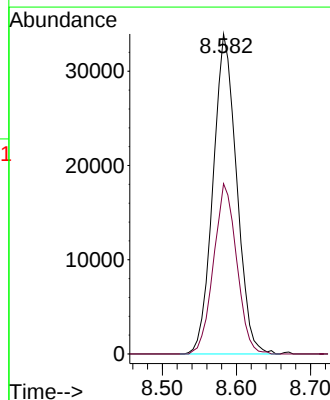
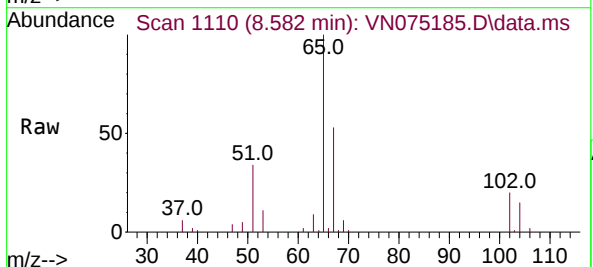
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

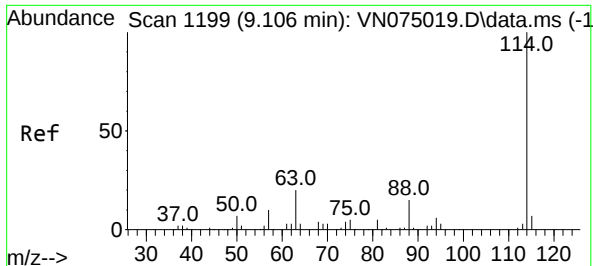
Tgt Ion: 56 Resp: 2514
Ion Ratio Lower Upper
56 100
69 150.7 25.2 37.8#
84 101.2 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 58.134 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

Tgt Ion: 65 Resp: 74984
Ion Ratio Lower Upper
65 100
67 52.1 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: VN075185.D

Acq: 07 Nov 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBL01

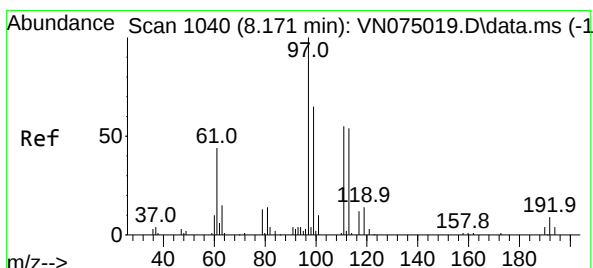
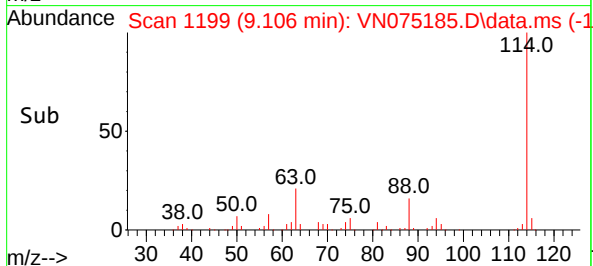
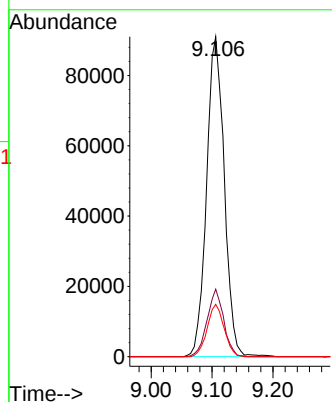
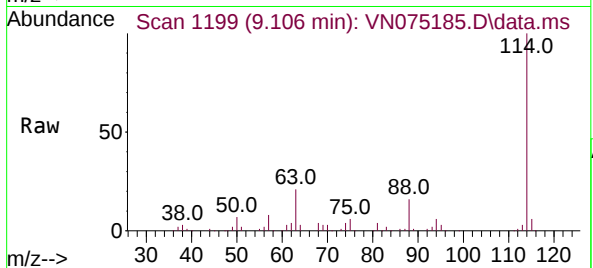
Tgt Ion:114 Resp: 183744

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.6

88 16.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.332 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075185.D

Acq: 07 Nov 2022 13:54

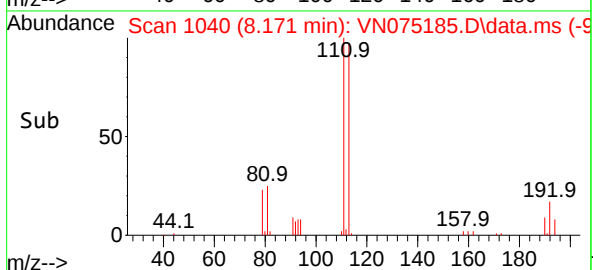
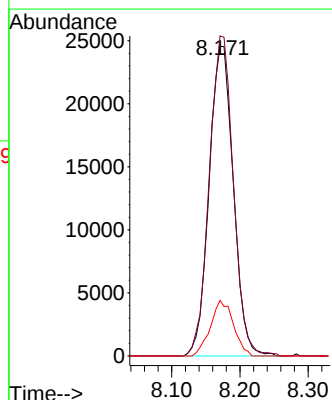
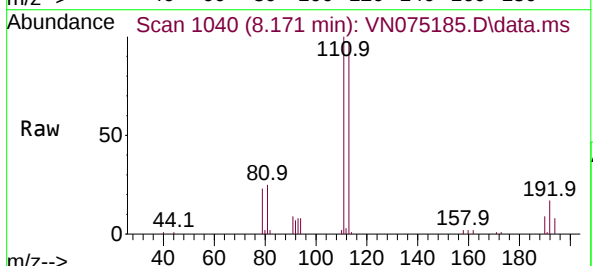
Tgt Ion:113 Resp: 60764

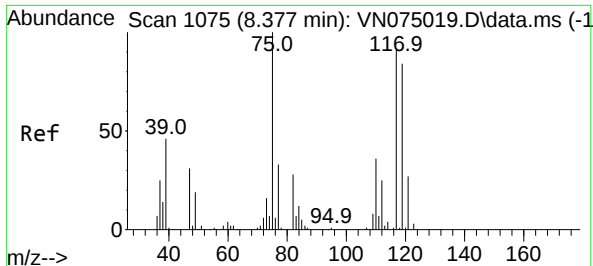
Ion Ratio Lower Upper

113 100

111 102.7 80.5 120.7

192 17.1 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.978 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075185.D

Acq: 07 Nov 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBL01

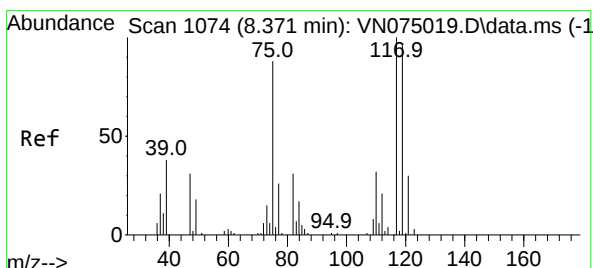
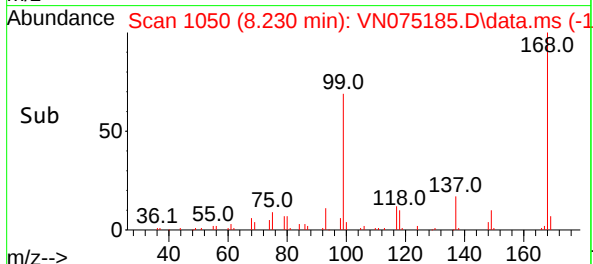
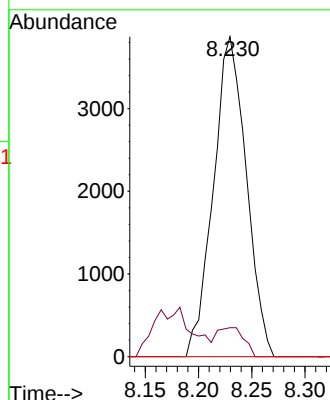
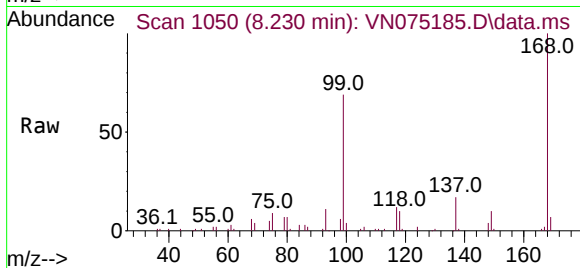
Tgt Ion: 75 Resp: 8313

Ion Ratio Lower Upper

75 100

110 7.4 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.845 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075185.D

Acq: 07 Nov 2022 13:54

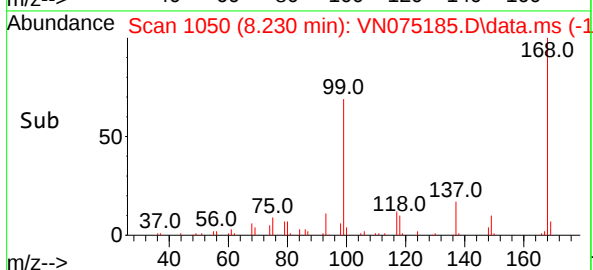
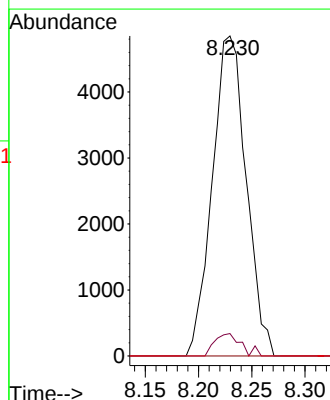
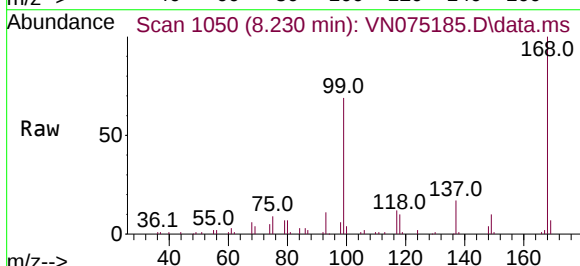
Tgt Ion: 117 Resp: 10737

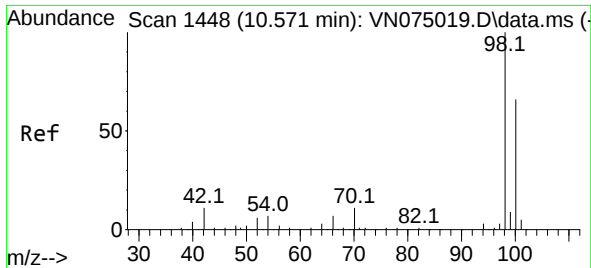
Ion Ratio Lower Upper

117 100

119 7.0 76.7 115.1#

121 0.0 23.9 35.9#

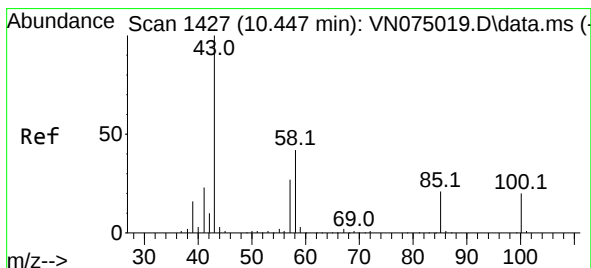
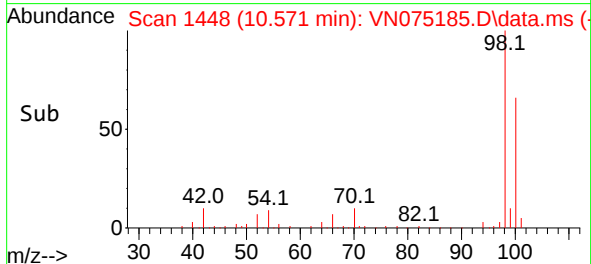
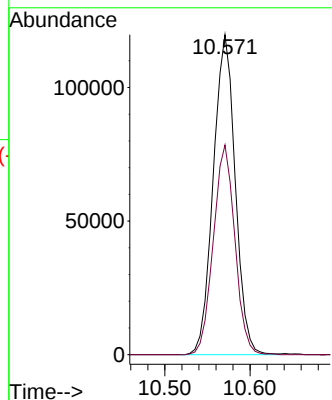
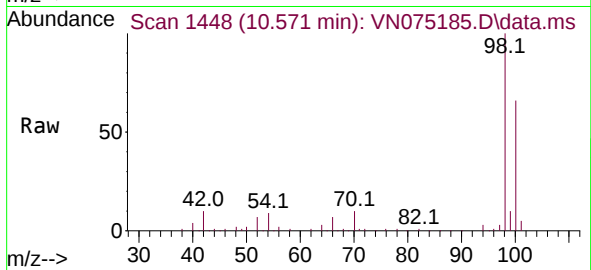




#50
Toluene-d8
Concen: 51.286 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

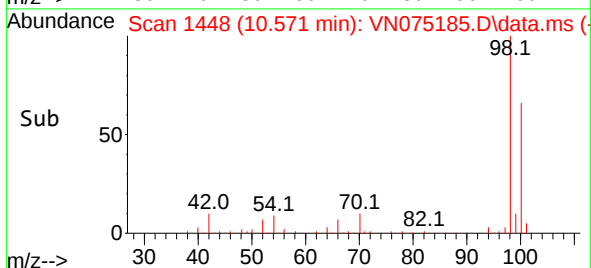
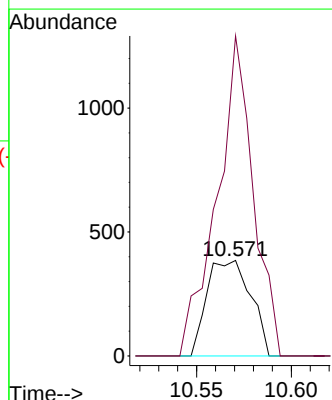
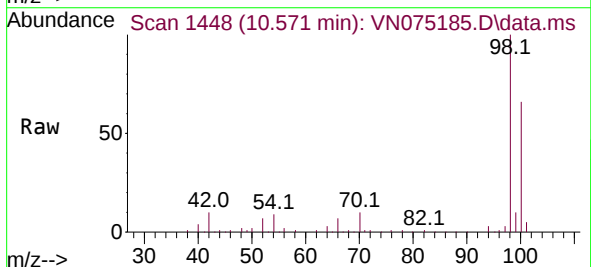
Instrument :
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VN1107WBL01

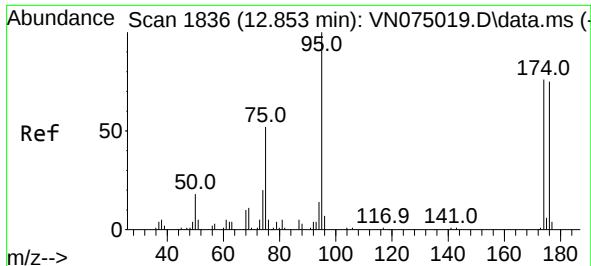
Tgt Ion: 98 Resp: 214631
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.338 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 276.8 33.6 50.4#





#62

4-Bromofluorobenzene

Concen: 45.802 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075185.D

Acq: 07 Nov 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBL01

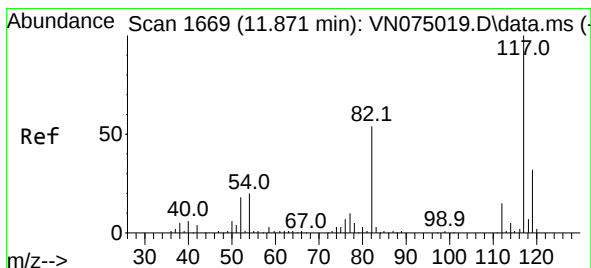
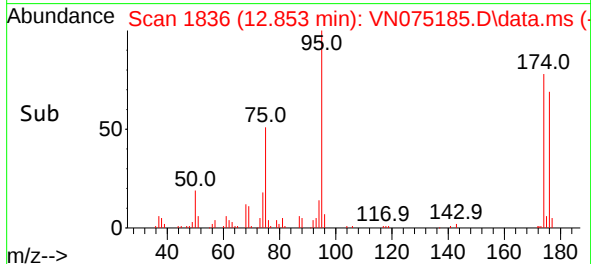
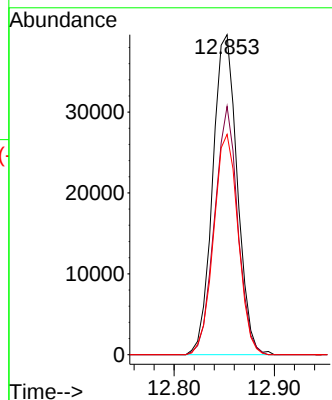
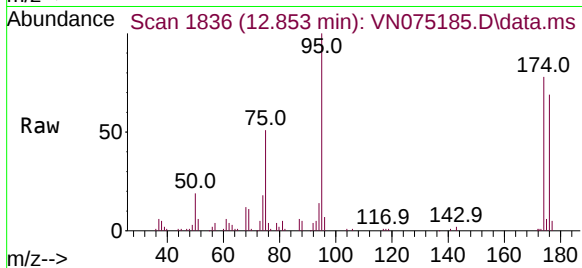
Tgt Ion: 95 Resp: 67333

Ion Ratio Lower Upper

95 100

174 73.4 0.0 147.4

176 68.6 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. -0.001 min

Lab File: VN075185.D

Acq: 07 Nov 2022 13:54

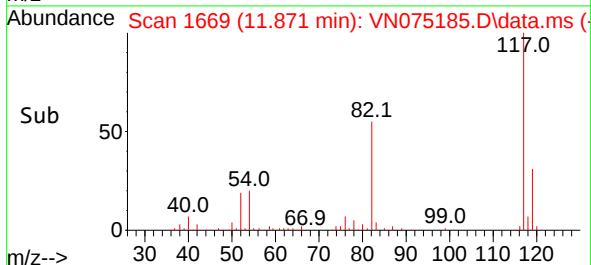
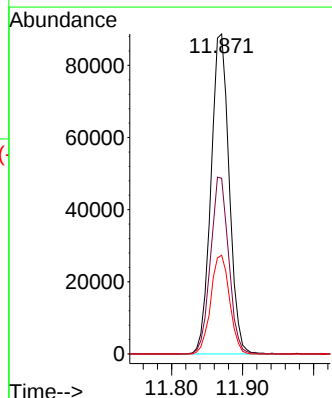
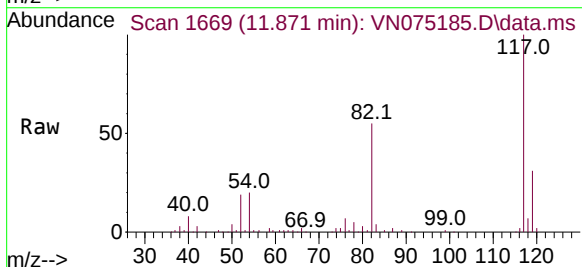
Tgt Ion: 117 Resp: 157613

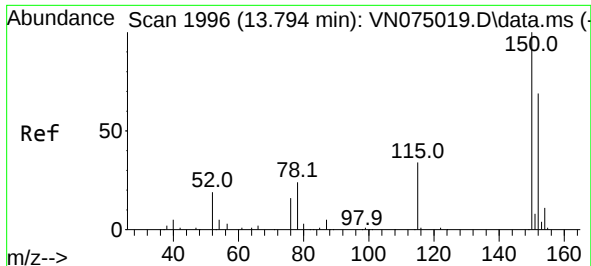
Ion Ratio Lower Upper

117 100

82 54.9 43.1 64.7

119 30.9 25.5 38.3

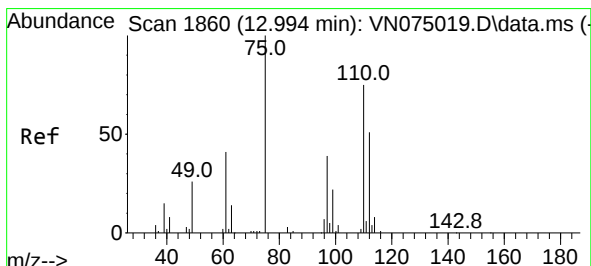
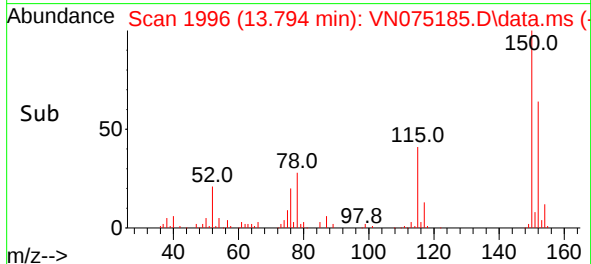
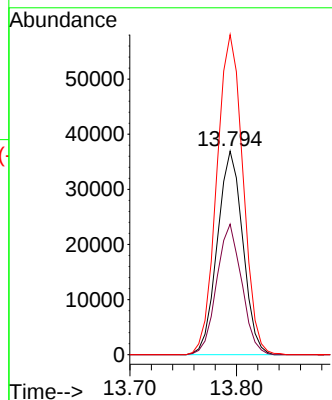
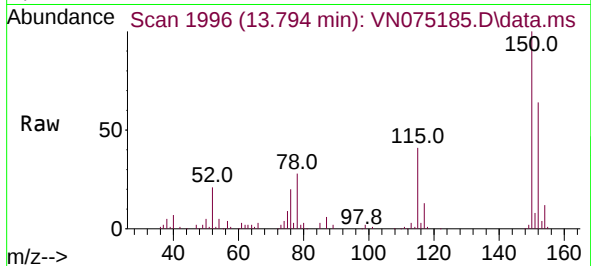




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

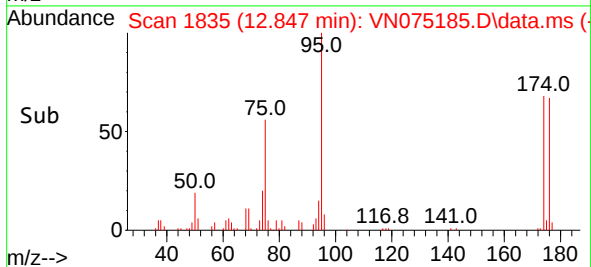
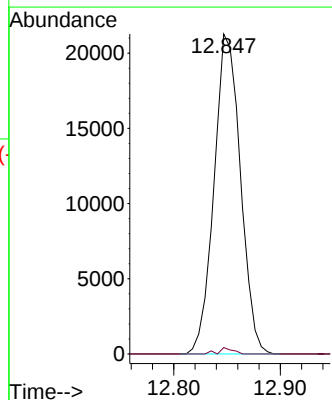
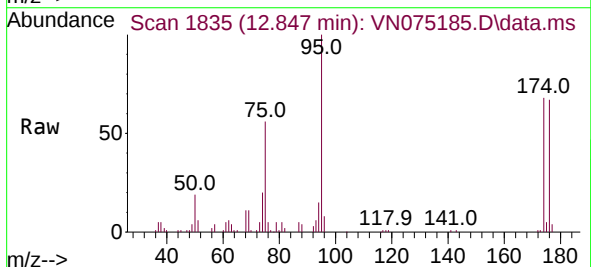
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

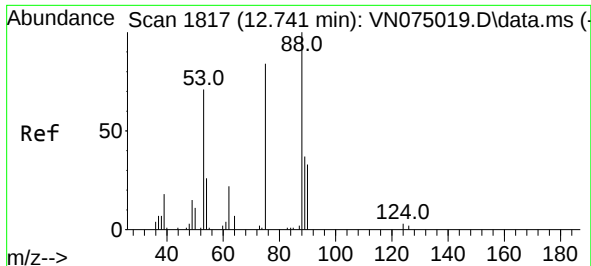
Tgt Ion:152 Resp: 61310
Ion Ratio Lower Upper
152 100
115 62.8 30.2 90.6
150 161.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 28.086 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

Tgt Ion: 75 Resp: 36562
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#

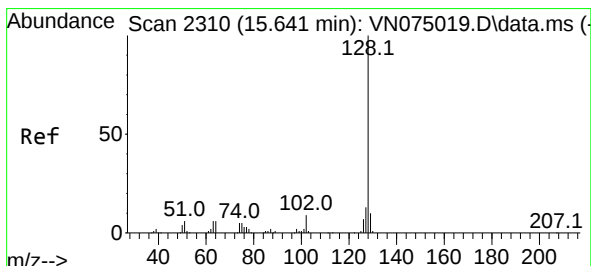
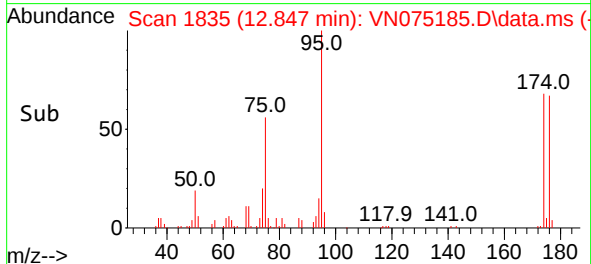
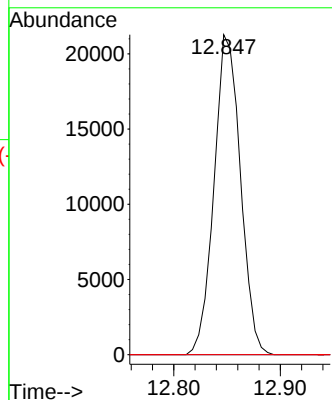
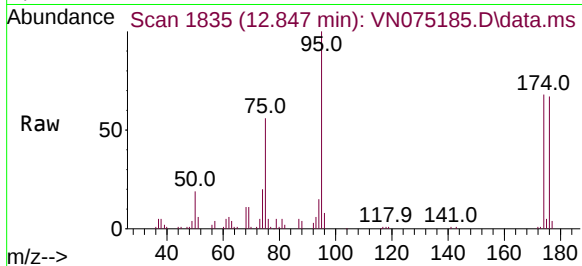




#81
trans-1,4-Dichloro-2-butene
Concen: 72.097 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Tgt Ion: 75 Resp: 36562
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.453 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075185.D
Acq: 07 Nov 2022 13:54

Tgt Ion: 128 Resp: 1583
Ion Ratio Lower Upper
128 100
127 4.7 10.4 15.6#
129 0.0 8.6 12.8#

