

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075427.D
 Acq On : 25 Nov 2022 17:42
 Operator : JC\MD
 Sample : N5756-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20221119

Quant Time: Nov 28 03:37:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

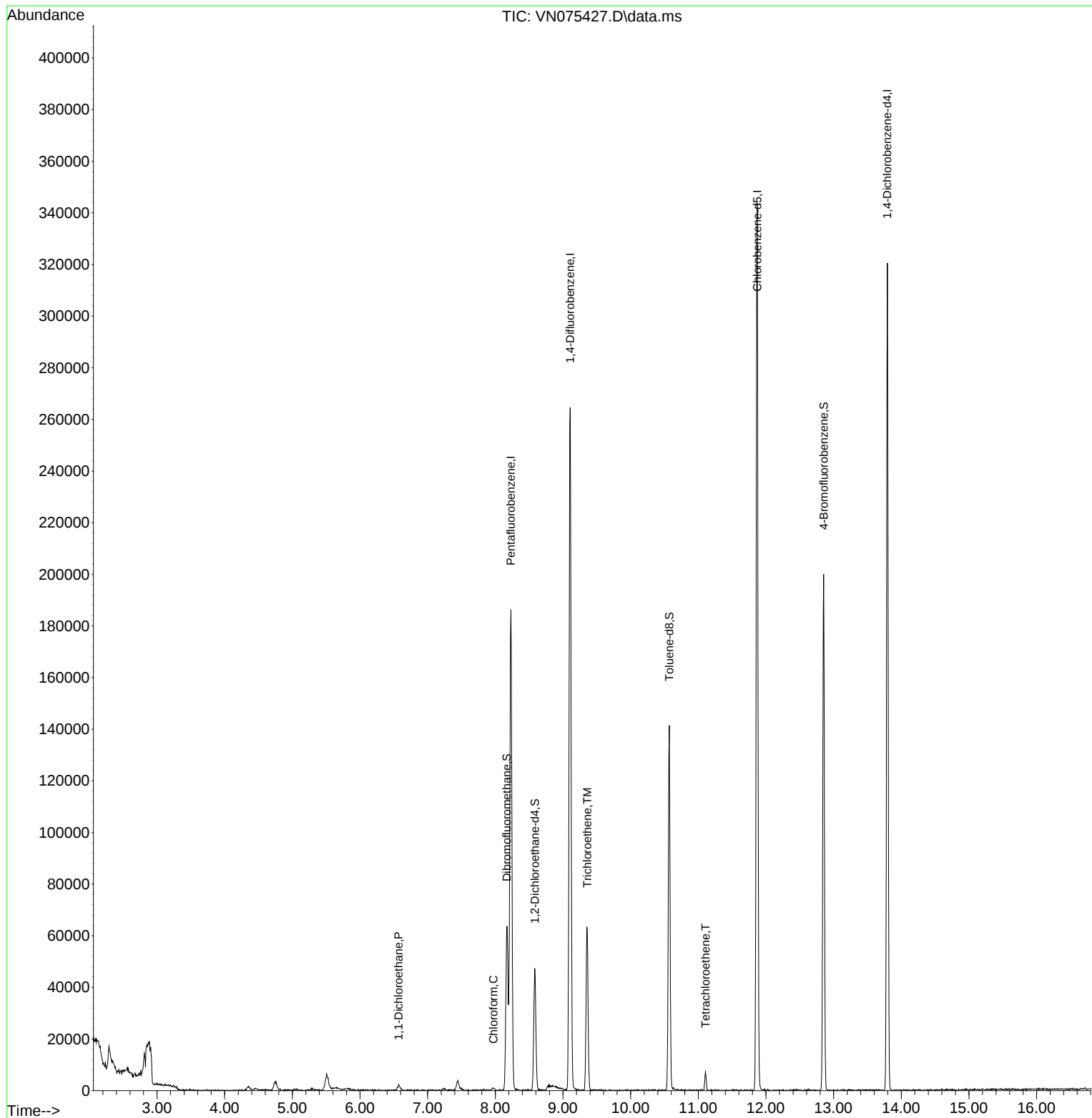
Internal Standards						
1) Pentafluorobenzene	8.230	168	141952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	251389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	217731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	37549	49.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.560%		
35) Dibromofluoromethane	8.171	113	46081	46.662	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.320%		
50) Toluene-d8	10.571	98	99692	44.821	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.640%		
62) 4-Bromofluorobenzene	12.853	95	70140	42.724	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.440%		
Target Compounds						Qvalue
24) 1,1-Dichloroethane	6.571	63	3960	1.590	ug/l #	86
30) Chloroform	7.971	83	1263	0.442	ug/l #	66
44) Trichloroethene	9.359	130	24455	13.555	ug/l	94
64) Tetrachloroethene	11.106	164	1675	1.007	ug/l #	81

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

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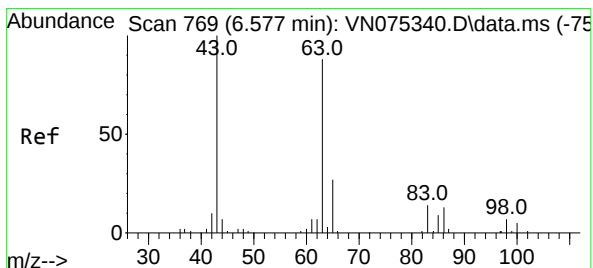
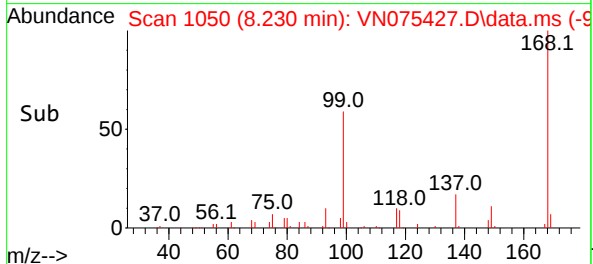
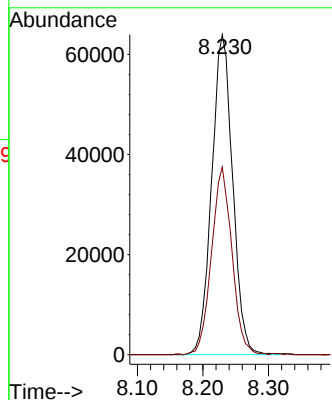
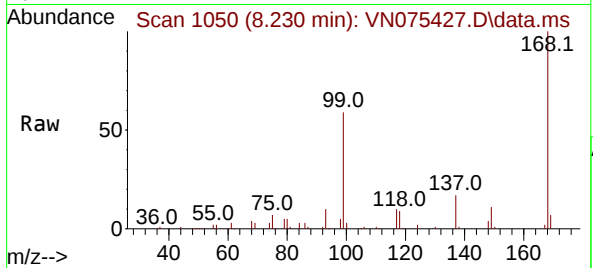




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075427.D
Acq: 25 Nov 2022 17:42

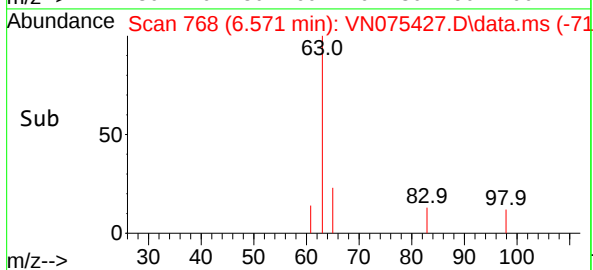
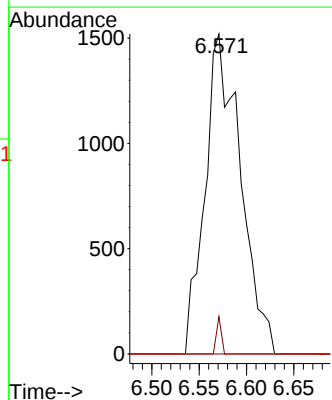
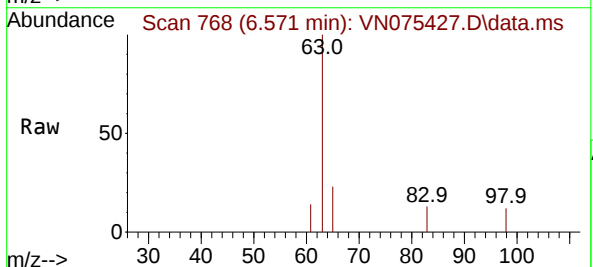
Instrument :
MSVOA_N
ClientSampleId :
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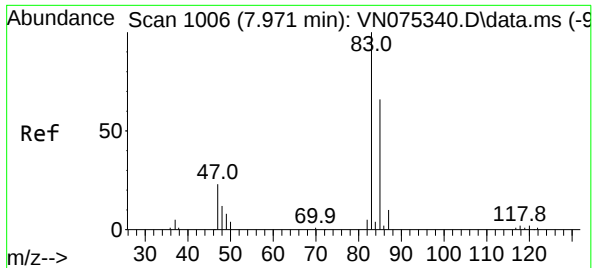
Tgt Ion:168 Resp: 141952
Ion Ratio Lower Upper
168 100
99 58.4 51.6 77.4



#24
1,1-Dichloroethane
Concen: 1.590 ug/l
RT: 6.571 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN075427.D
Acq: 25 Nov 2022 17:42

Tgt Ion: 63 Resp: 3960
Ion Ratio Lower Upper
63 100
98 11.6 3.6 10.8#
100 0.0 2.4 7.2#

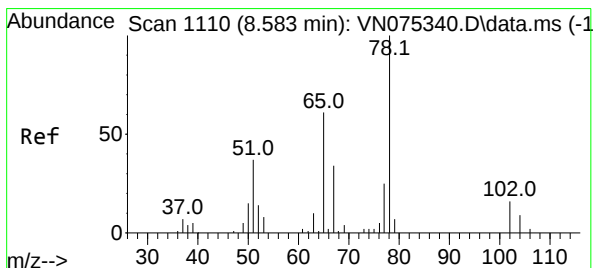
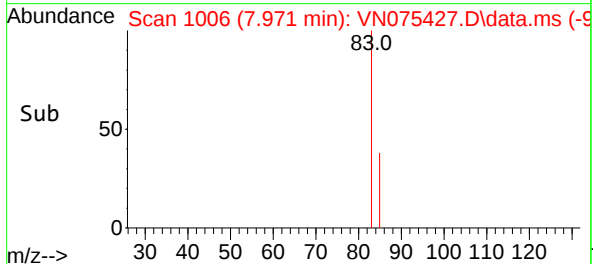
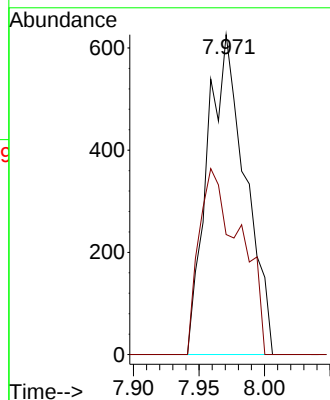
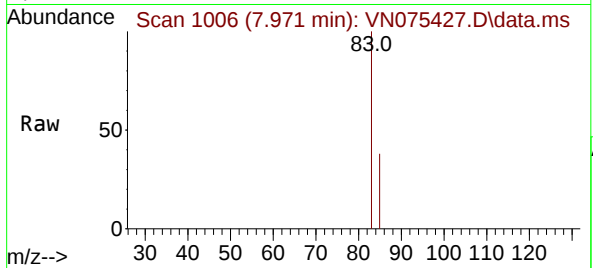




#30
Chloroform
Concen: 0.442 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075427.D
Acq: 25 Nov 2022 17:42

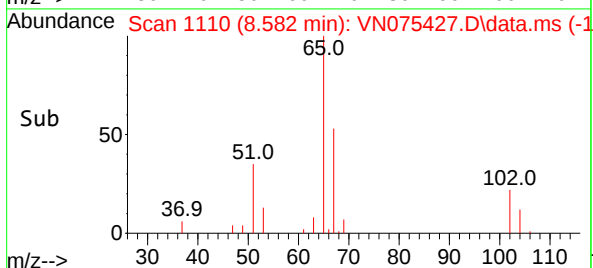
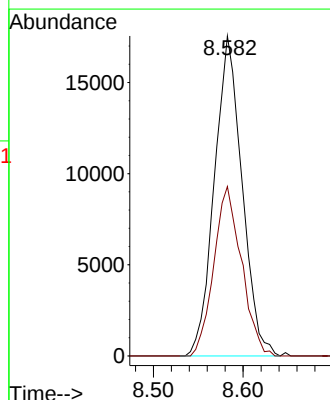
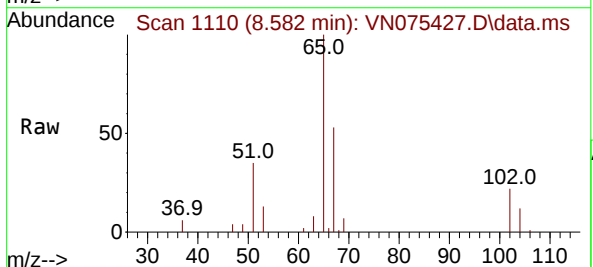
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20221119

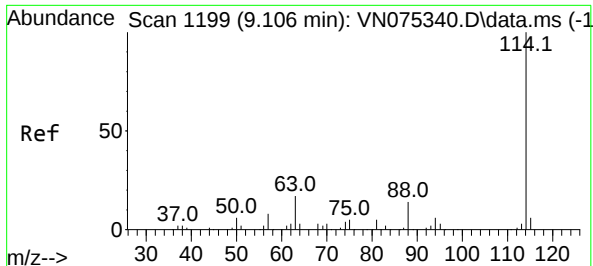
Tgt Ion: 83 Resp: 1263
Ion Ratio Lower Upper
83 100
85 37.5 51.4 77.0#



#33
1,2-Dichloroethane-d4
Concen: 49.278 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075427.D
Acq: 25 Nov 2022 17:42

Tgt Ion: 65 Resp: 37549
Ion Ratio Lower Upper
65 100
67 53.0 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: VN075427.D

Acq: 25 Nov 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20221119

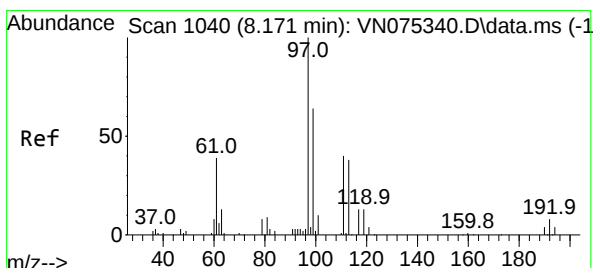
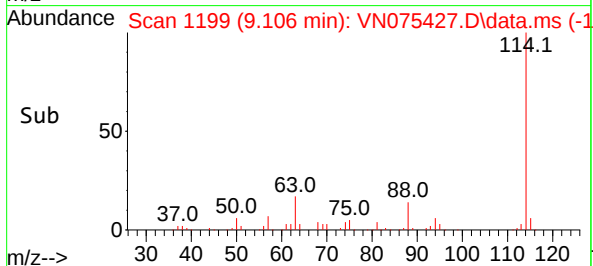
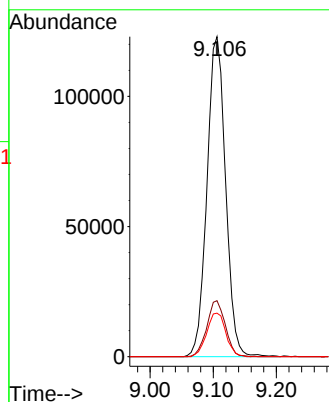
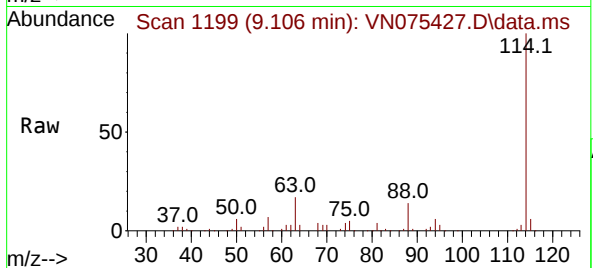
Tgt Ion:114 Resp: 251389

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 13.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.662 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075427.D

Acq: 25 Nov 2022 17:42

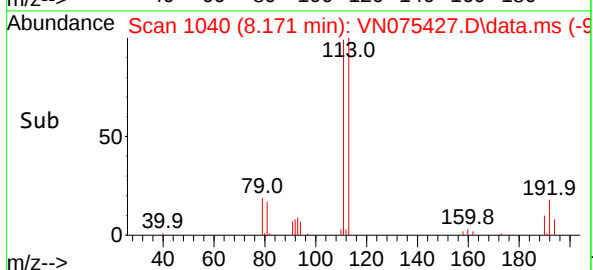
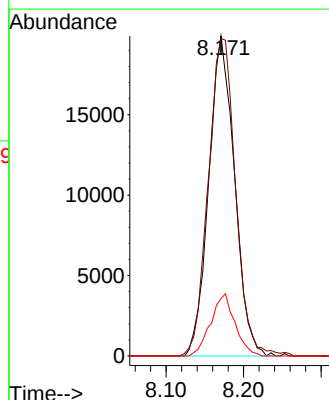
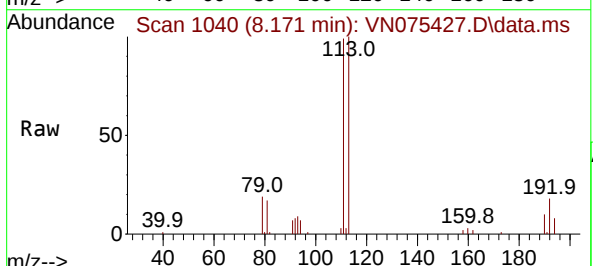
Tgt Ion:113 Resp: 46081

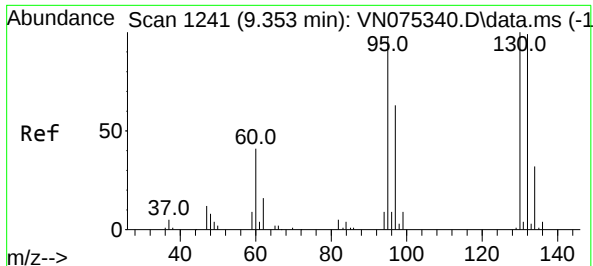
Ion Ratio Lower Upper

113 100

111 104.5 80.5 120.7

192 18.2 13.2 19.8

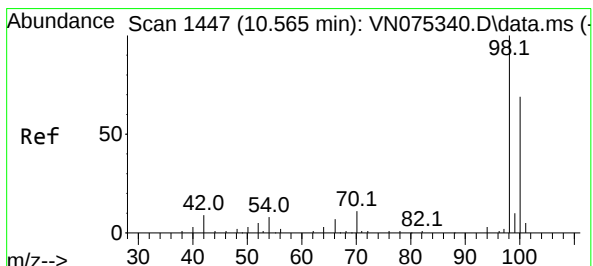
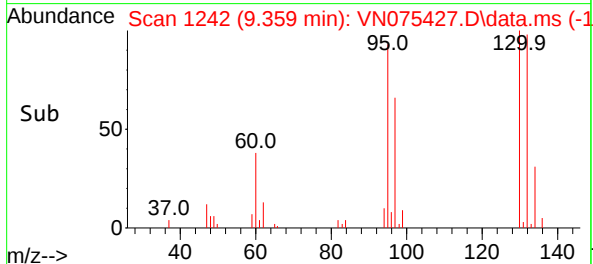
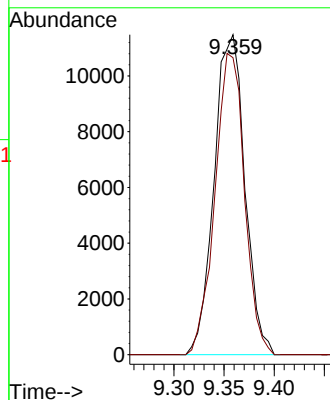
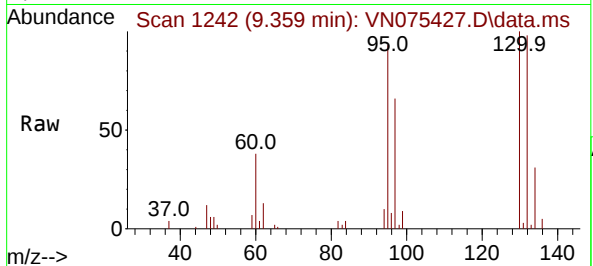




#44
Trichloroethene
Concen: 13.555 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075427.D
Acq: 25 Nov 2022 17:42

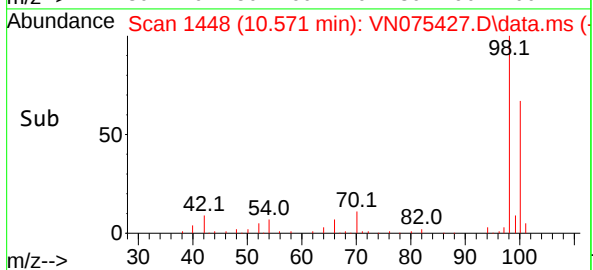
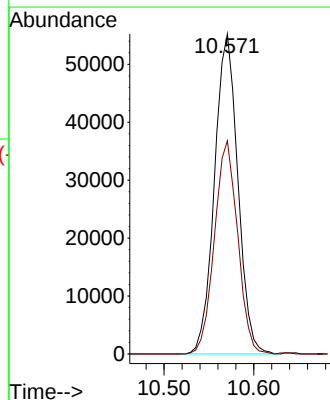
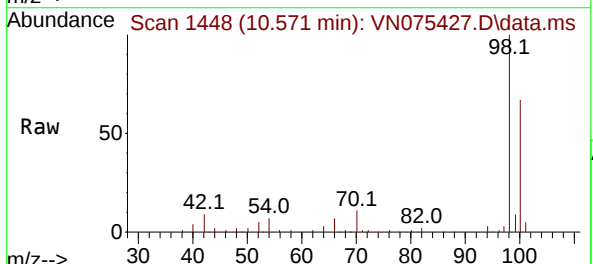
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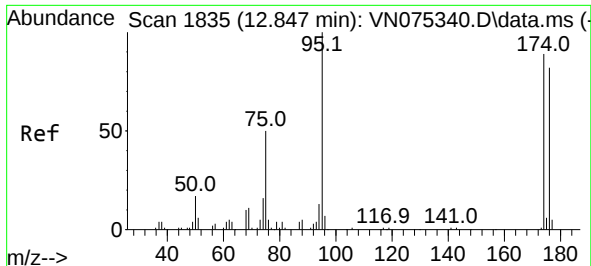
Tgt Ion:130 Resp: 24455
Ion Ratio Lower Upper
130 100
95 92.8 0.0 198.4



#50
Toluene-d8
Concen: 44.821 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075427.D
Acq: 25 Nov 2022 17:42

Tgt Ion: 98 Resp: 99692
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 42.724 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075427.D

Acq: 25 Nov 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

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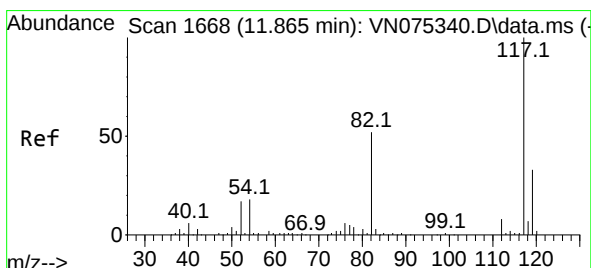
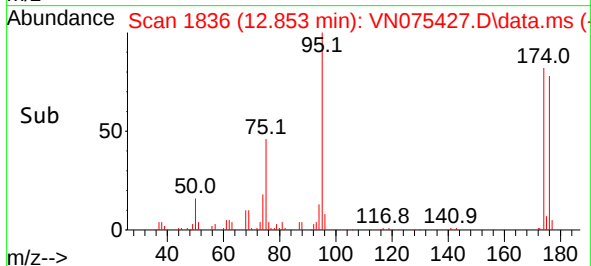
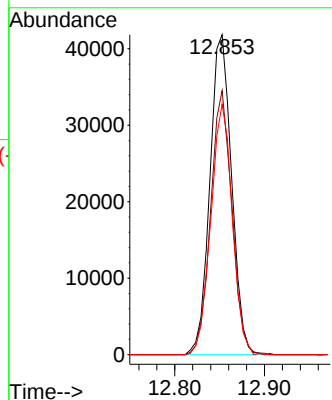
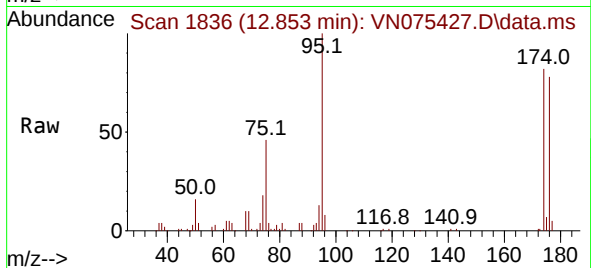
Tgt Ion: 95 Resp: 70140

Ion Ratio Lower Upper

95 100

174 80.8 0.0 147.4

176 77.4 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.005 min

Lab File: VN075427.D

Acq: 25 Nov 2022 17:42

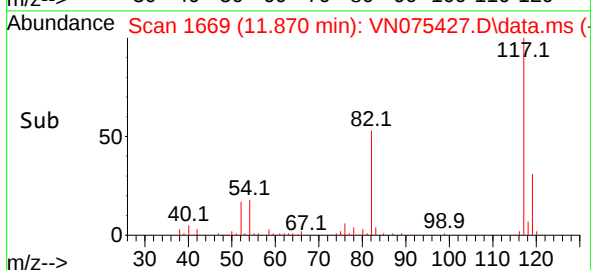
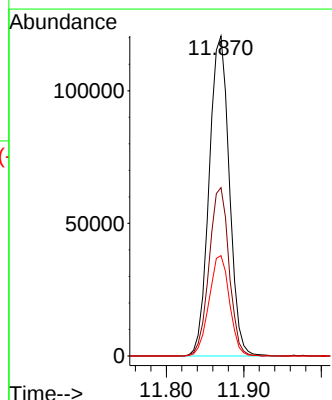
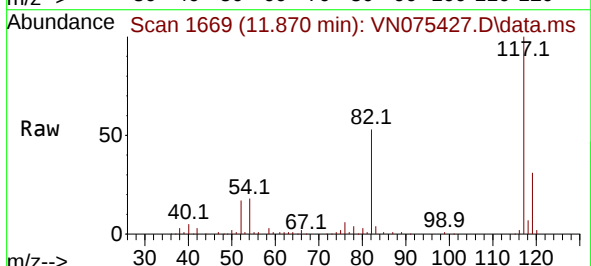
Tgt Ion: 117 Resp: 217731

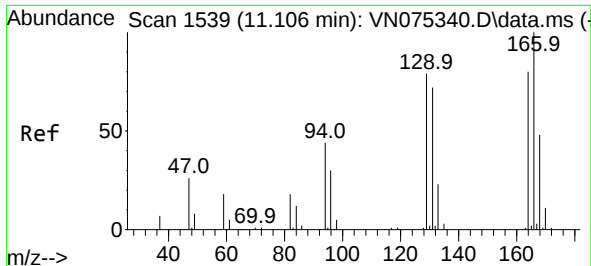
Ion Ratio Lower Upper

117 100

82 52.6 43.1 64.7

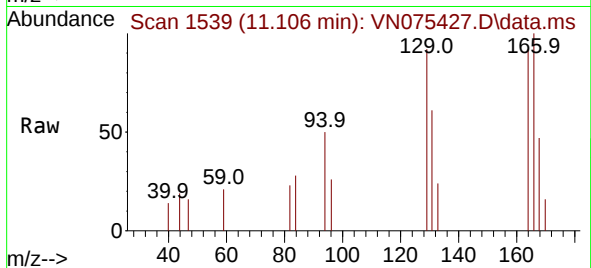
119 31.4 25.5 38.3



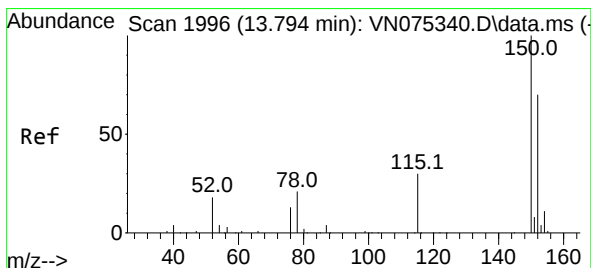
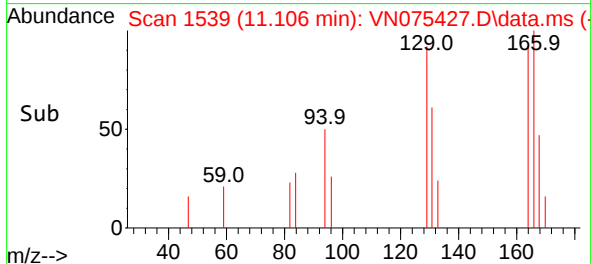
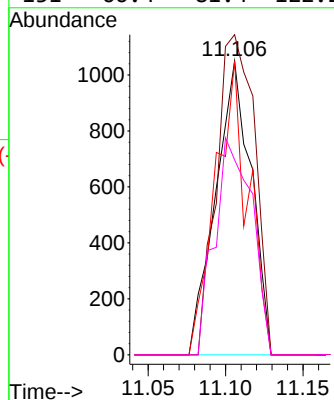


#64
Tetrachloroethene
Concen: 1.007 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075427.D
Acq: 25 Nov 2022 17:42

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:164 Resp: 1675
Ion Ratio Lower Upper
164 100
166 109.0 106.5 159.7
129 100.0 81.9 122.9
131 66.4 81.4 122.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075427.D
Acq: 25 Nov 2022 17:42

Tgt Ion:152 Resp: 88549
Ion Ratio Lower Upper
152 100
115 59.6 30.2 90.6
150 157.9 0.0 348.4

