

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077725.D
 Acq On : 17 May 2023 19:42
 Operator : JC\MD
 Sample : 02831-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ME-13D

Quant Time: May 18 01:41:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

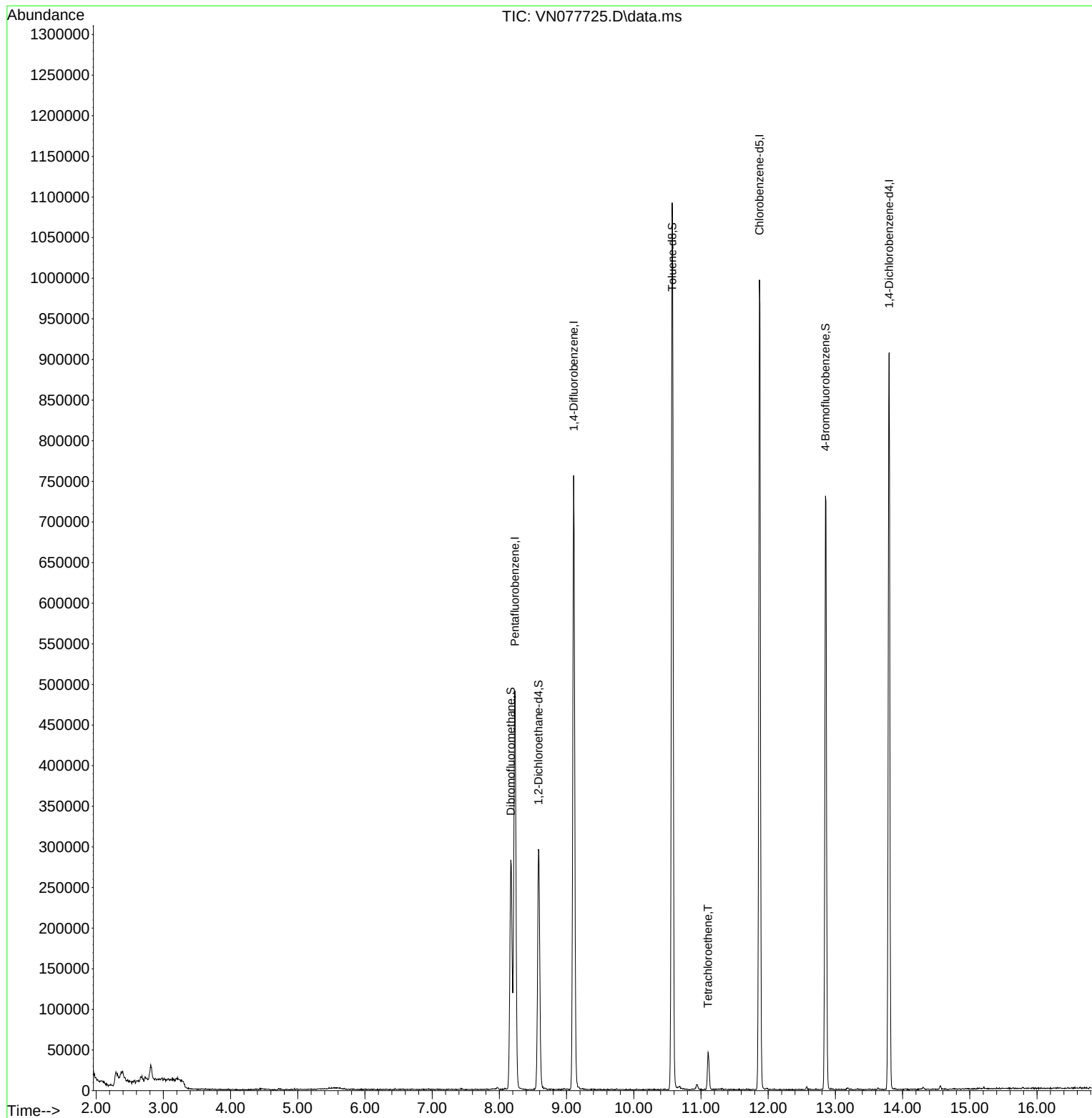
Internal Standards						
1) Pentafluorobenzene	8.229	168	347780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	580261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	239621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249654	47.976	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	8.171	113	203297	48.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	10.570	98	795312	48.893	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.853	95	263533	45.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%
Target Compounds						
64) Tetrachloroethene	11.106	164	11054	2.724	ug/l	Qvalue # 91

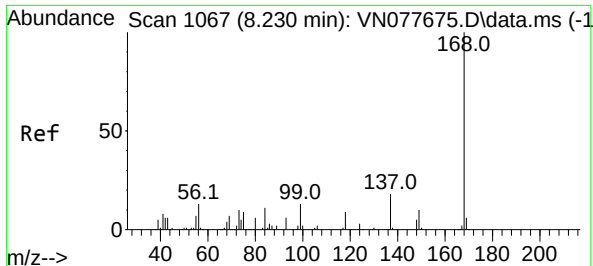
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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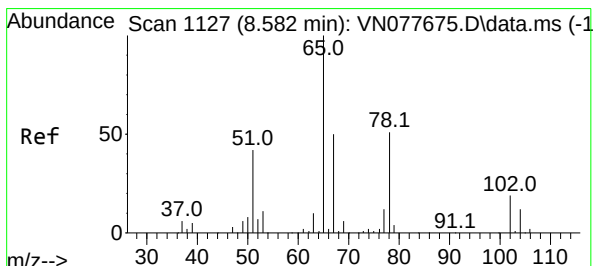
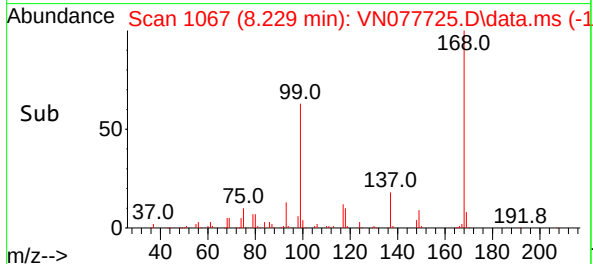
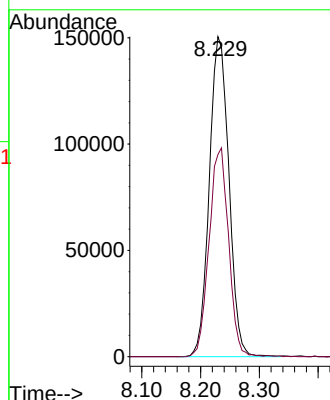
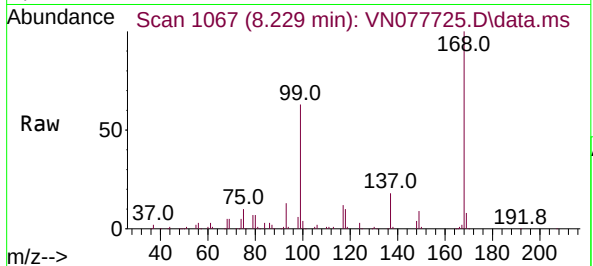




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

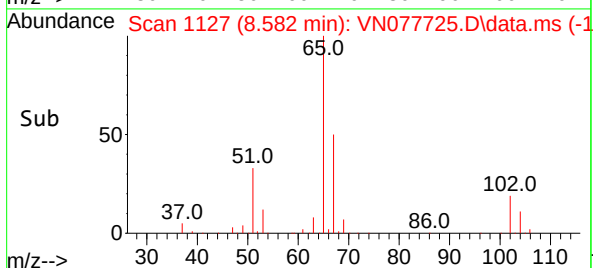
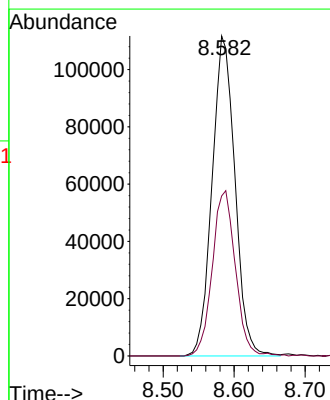
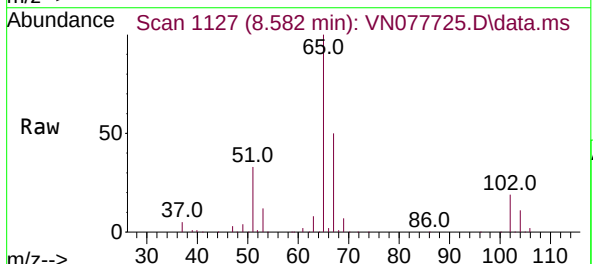
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

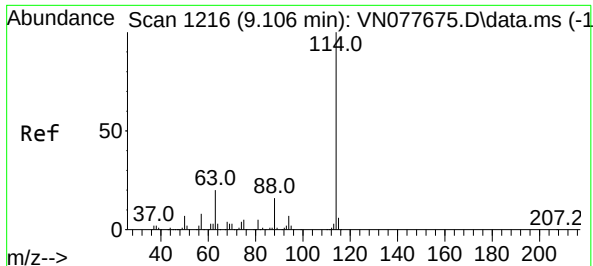
Tgt Ion:168 Resp: 347780
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.976 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion: 65 Resp: 249654
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

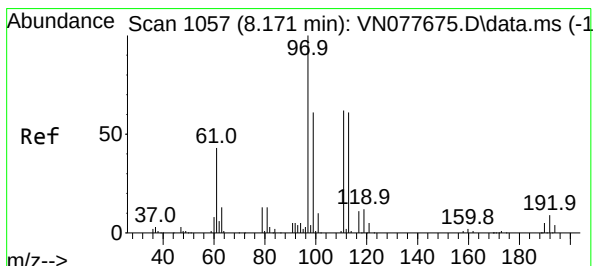
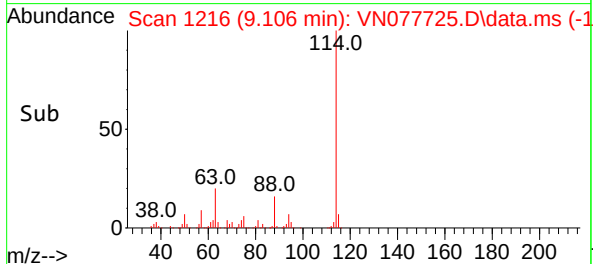
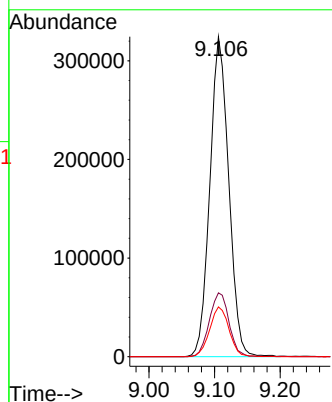
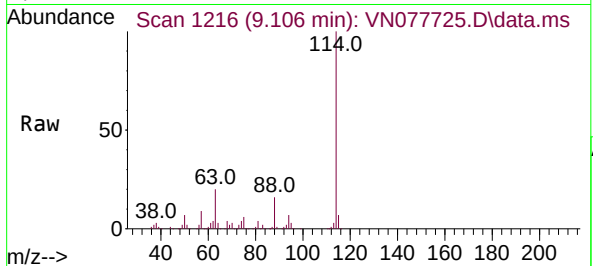




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

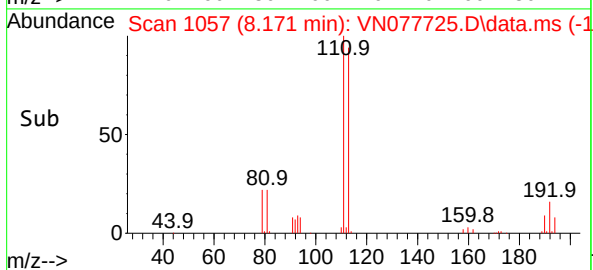
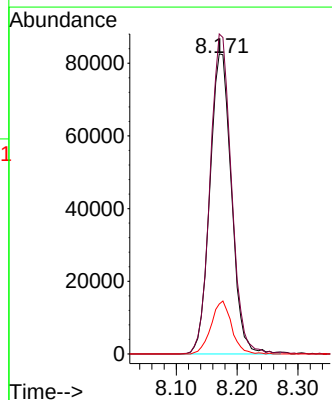
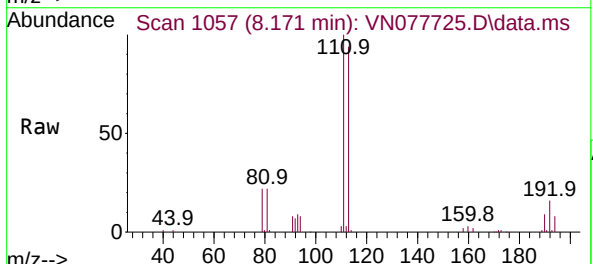
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

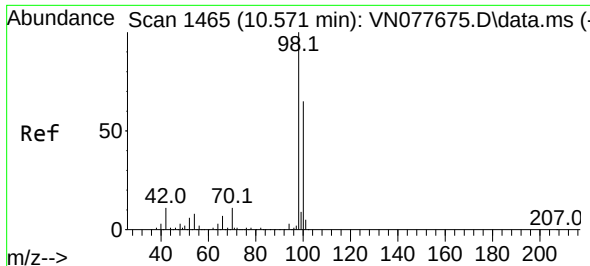
Tgt Ion:114 Resp: 648080
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.106 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion:113 Resp: 203297
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 16.8 12.7 19.1

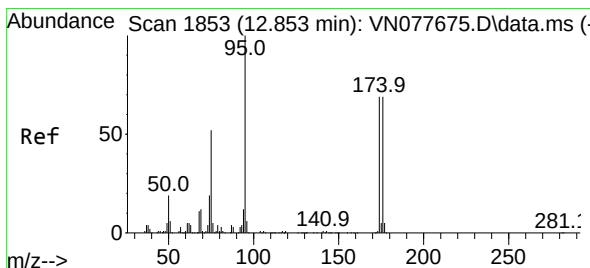
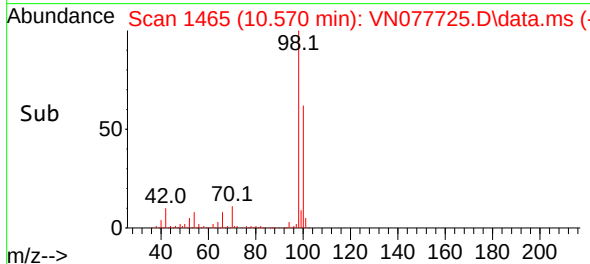
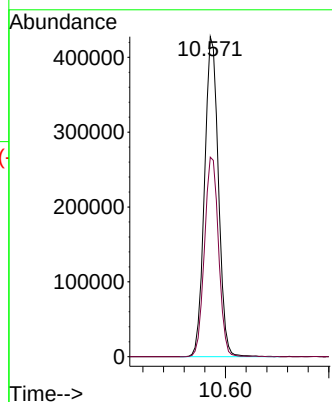
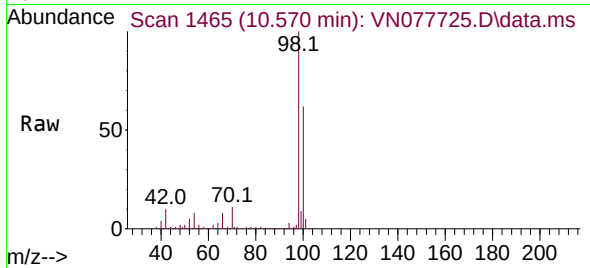




#50
Toluene-d8
Concen: 48.893 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

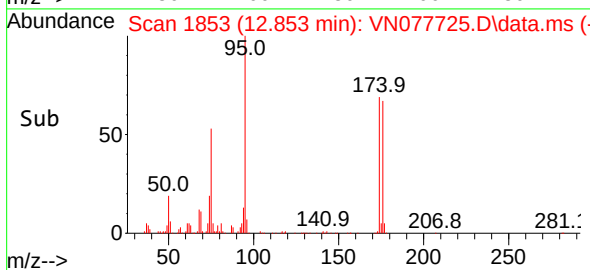
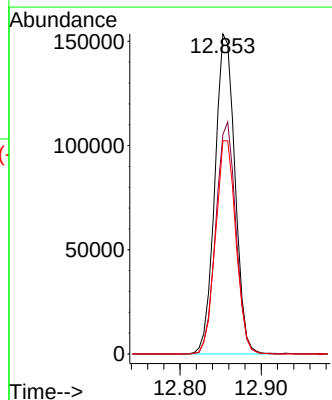
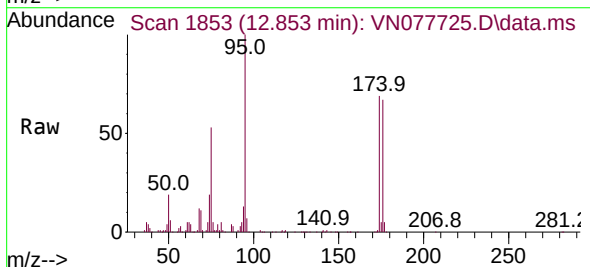
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

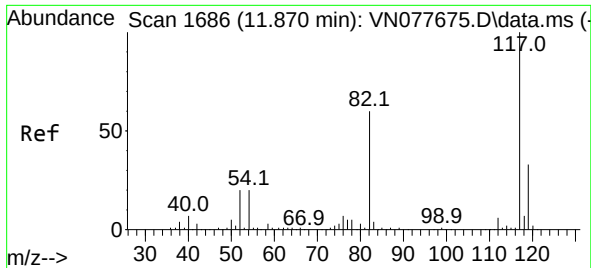
Tgt Ion: 98 Resp: 795312
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.872 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion: 95 Resp: 263533
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 68.0 0.0 135.8

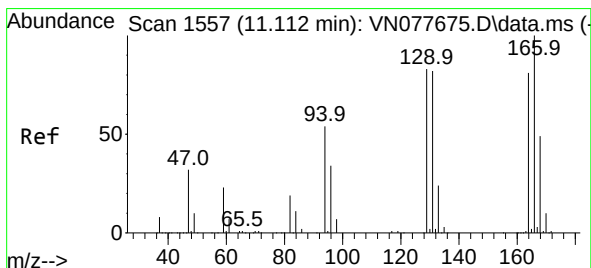
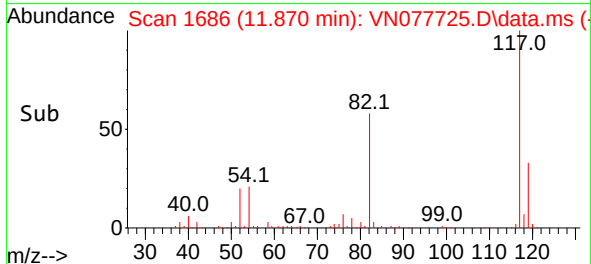
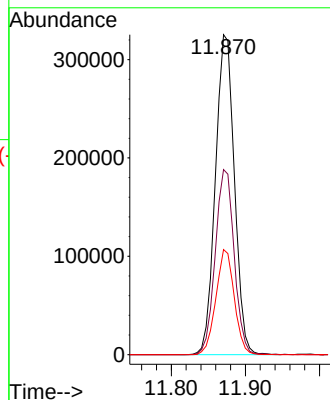
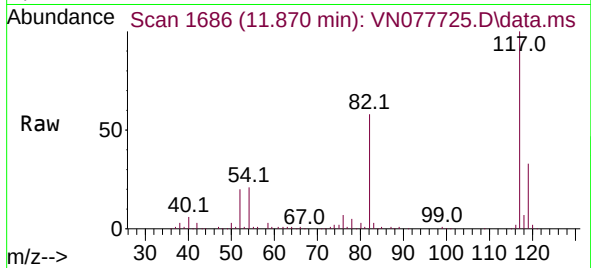




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

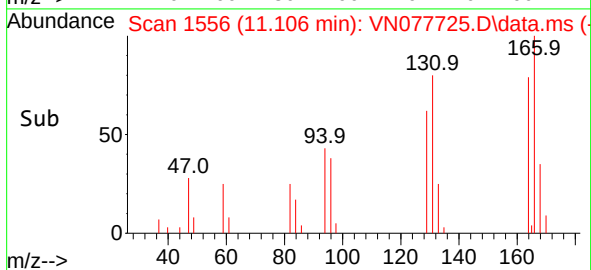
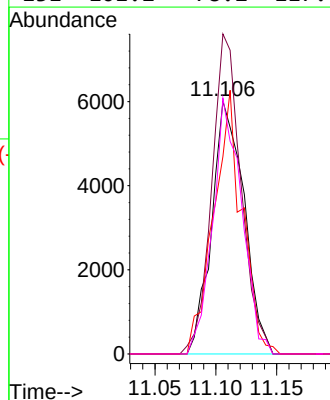
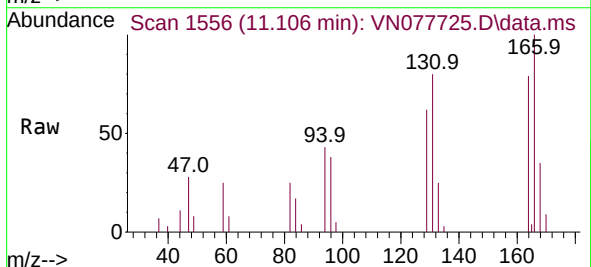
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

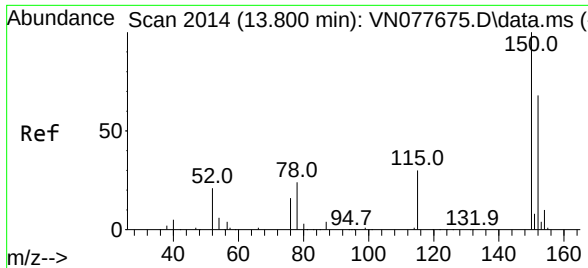
Tgt Ion:117 Resp: 580261
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.9 25.6 38.4



#64
Tetrachloroethene
Concen: 2.724 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion:164 Resp: 11054
Ion Ratio Lower Upper
164 100
166 126.6 101.4 152.0
129 78.1 82.4 123.6#
131 101.2 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077725.D
 Acq: 17 May 2023 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 ME-13D

Tgt Ion:152 Resp: 239621
 Ion Ratio Lower Upper
 152 100
 115 64.3 32.3 96.8
 150 157.4 0.0 355.8

