

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077067.D
 Acq On : 20 Mar 2023 14:41
 Operator : JC\MD
 Sample : 01904-07DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20230313DL

Quant Time: Mar 21 05:36:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

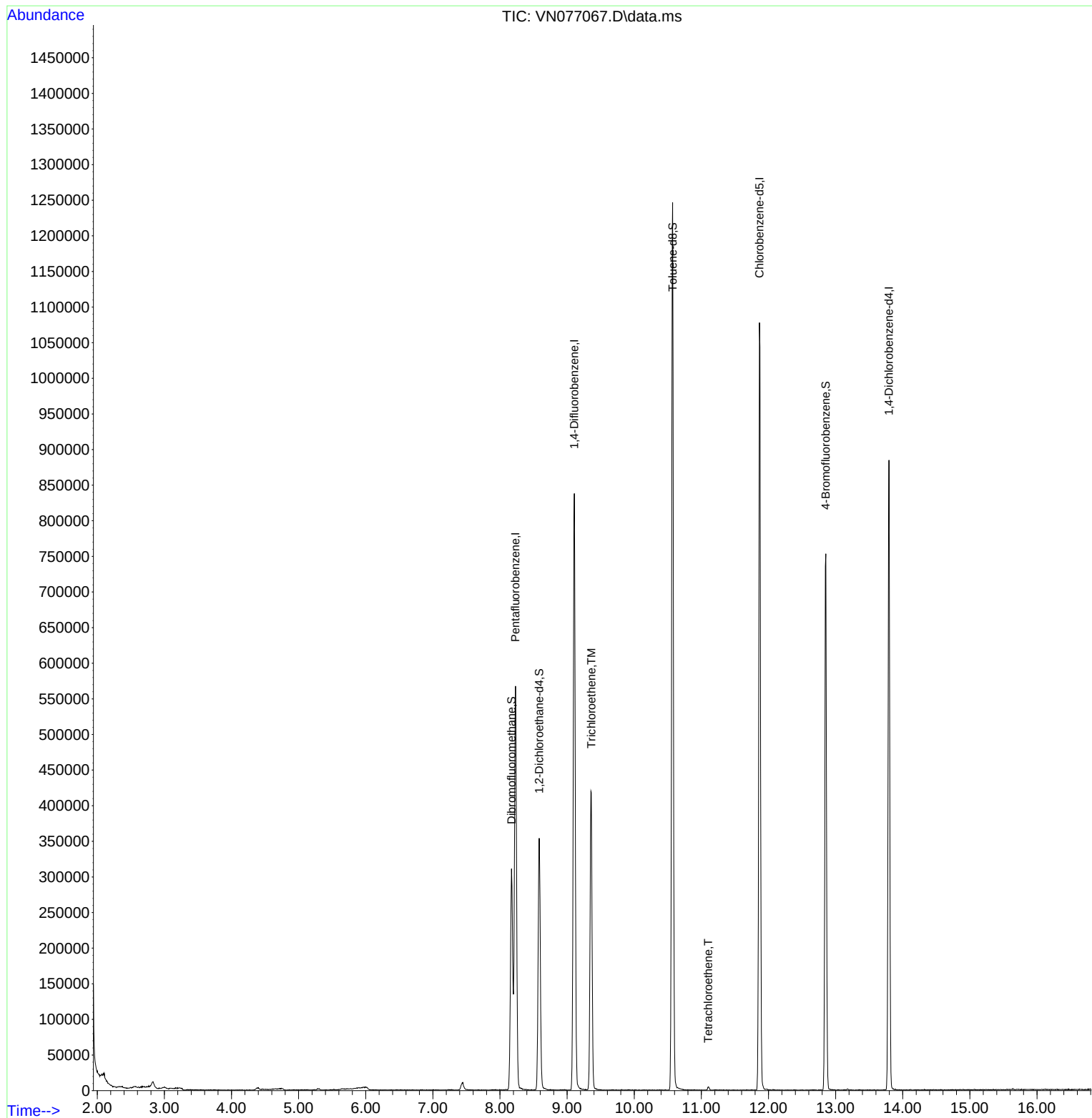
Internal Standards						
1) Pentafluorobenzene	8.231	168	390526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	709717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	612297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	224983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	292082	46.823	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.640%		
35) Dibromofluoromethane	8.172	113	224785	45.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.460%		
50) Toluene-d8	10.572	98	846453	47.676	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.360%		
62) 4-Bromofluorobenzene	12.854	95	271325	43.248	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.500%		
Target Compounds						Qvalue
44) Trichloroethene	9.360	130	151958	28.099	ug/l	96
64) Tetrachloroethene	11.101	164	879	0.214	ug/l	92

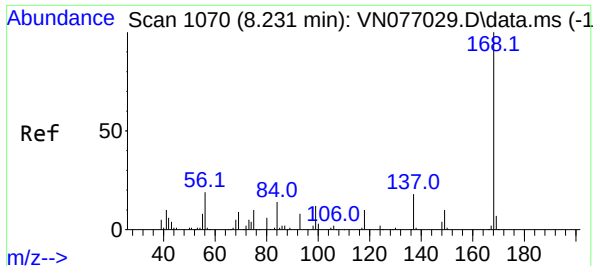
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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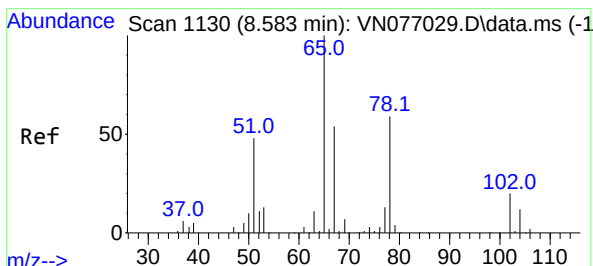
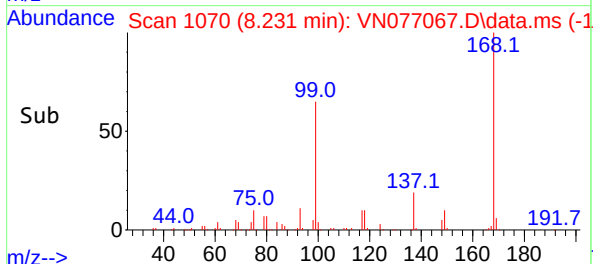
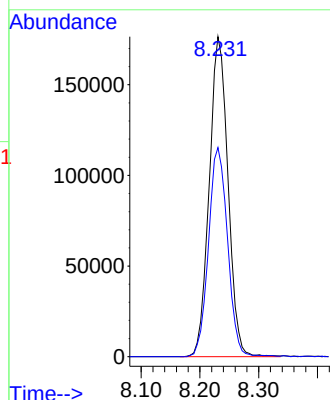
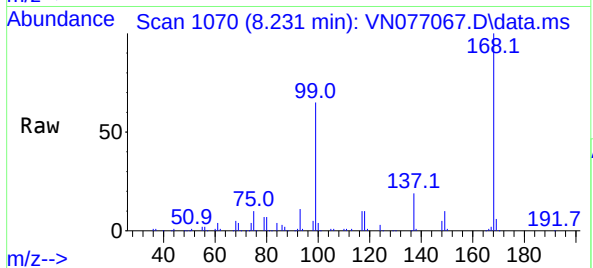




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

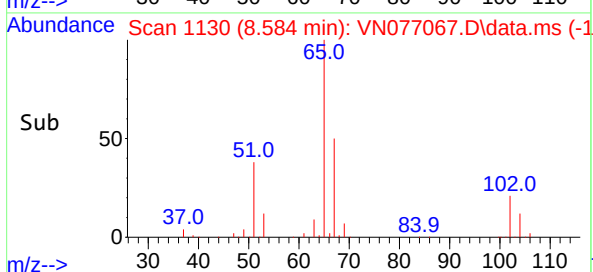
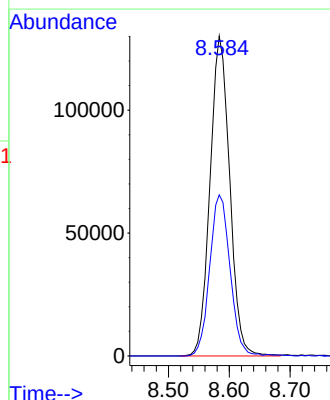
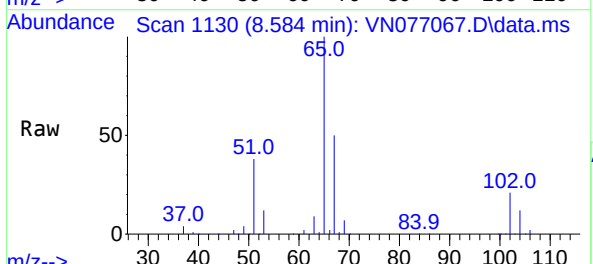
Instrument :
MSVOA_N
ClientSampleId :
RW4-20230313DL

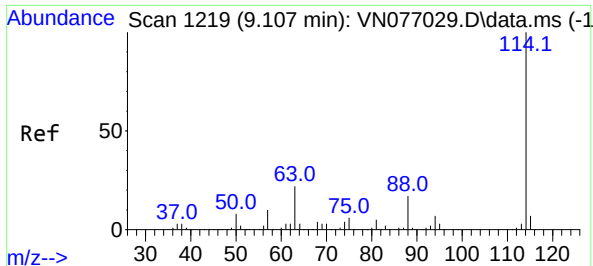
Tgt Ion:168 Resp: 390526
Ion Ratio Lower Upper
168 100
99 65.4 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 46.823 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

Tgt Ion: 65 Resp: 292082
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2



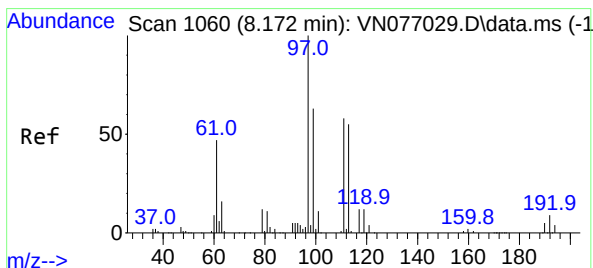
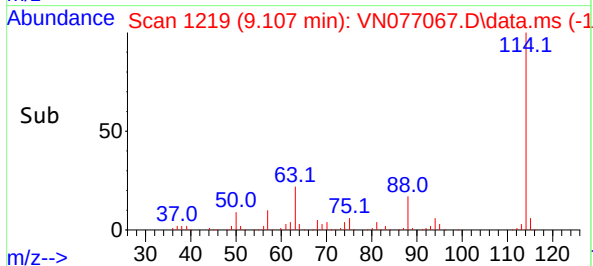
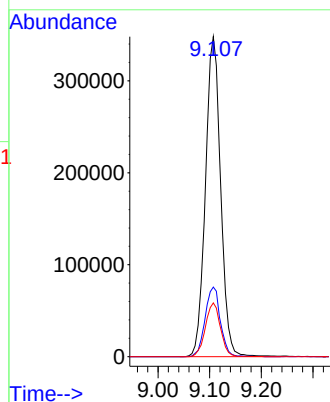
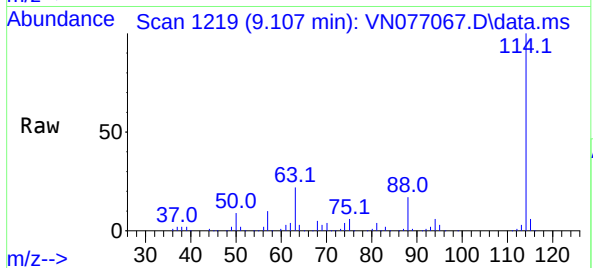


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :
RW4-20230313DL

Tgt Ion:114 Resp: 709717

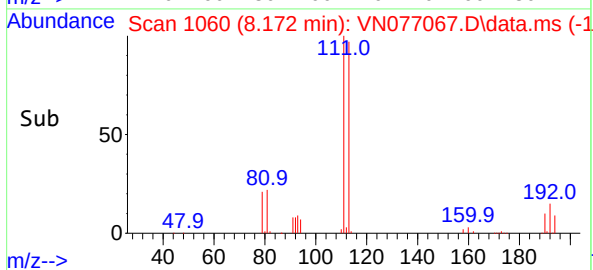
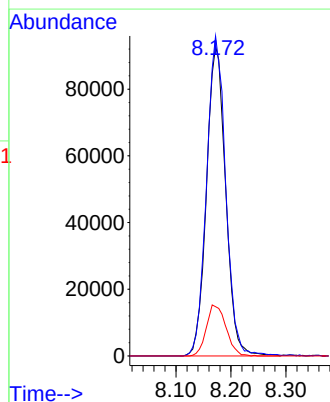
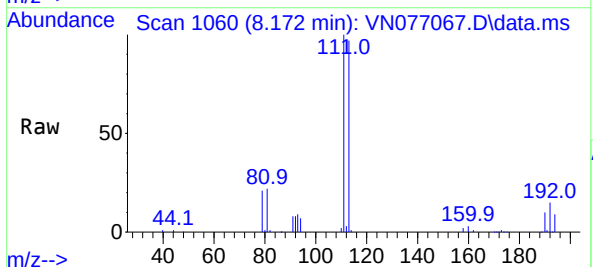
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.6
88	16.8	0.0	33.8

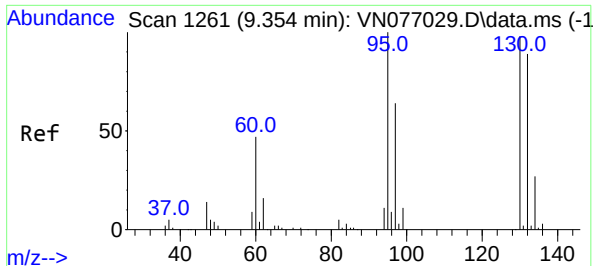


#35
Dibromofluoromethane
Concen: 45.226 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

Tgt Ion:113 Resp: 224785

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	16.9	13.0	19.6

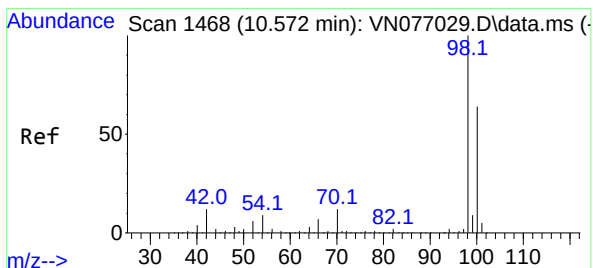
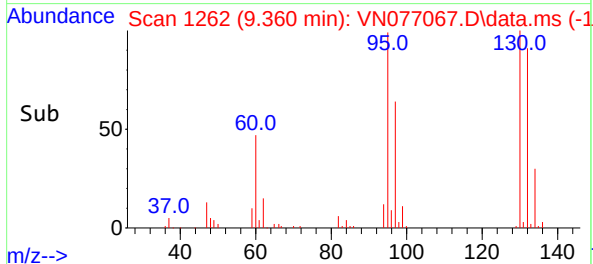
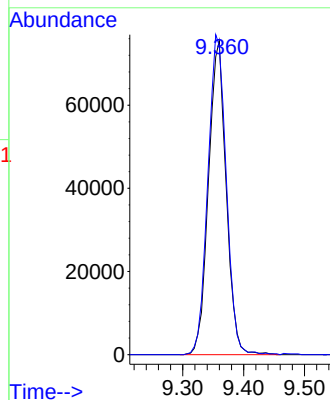
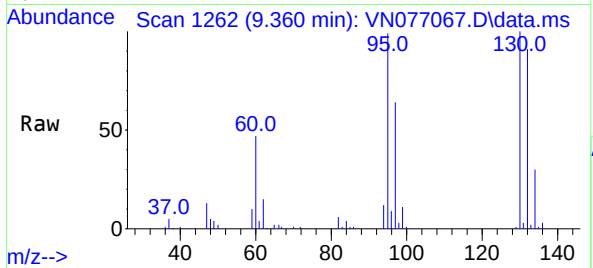




#44
Trichloroethene
Concen: 28.099 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

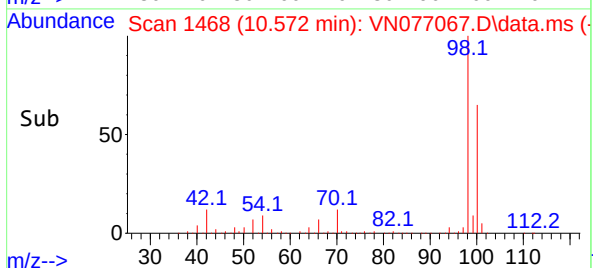
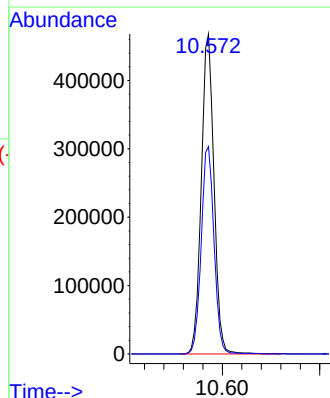
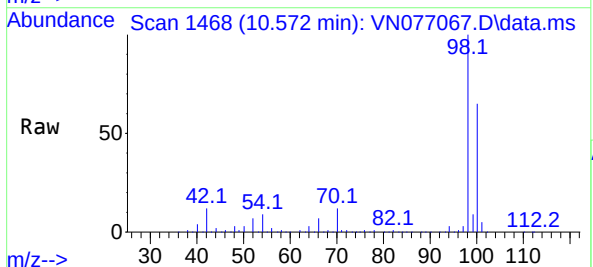
Instrument :
MSVOA_N
ClientSampleId :
RW4-20230313DL

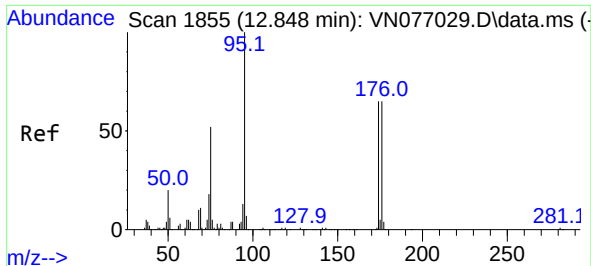
Tgt Ion:130 Resp: 151958
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.4



#50
Toluene-d8
Concen: 47.676 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

Tgt Ion: 98 Resp: 846453
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4



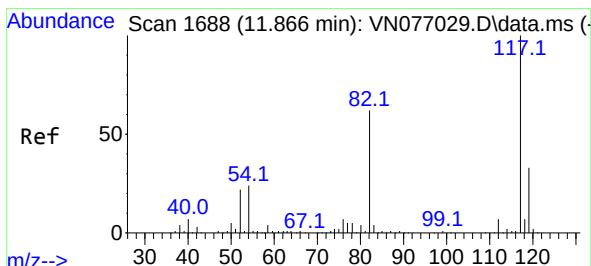
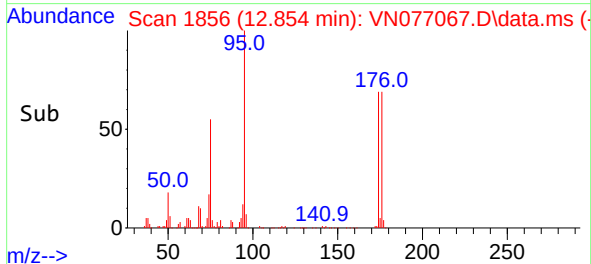
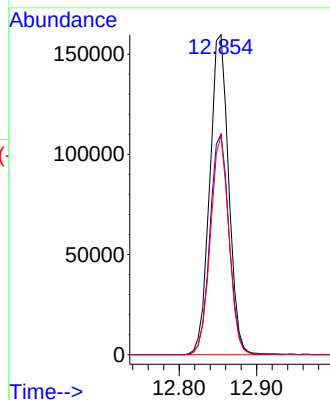
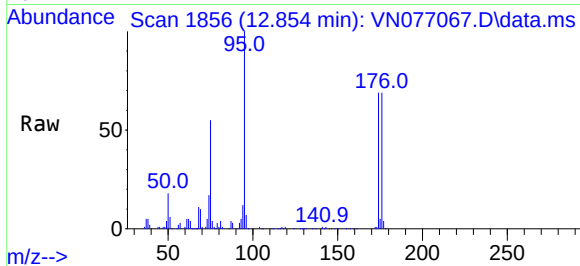


#62
4-Bromofluorobenzene
Concen: 43.248 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :
RW4-20230313DL

Tgt Ion: 95 Resp: 271325

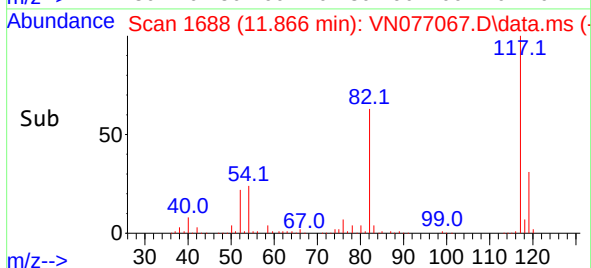
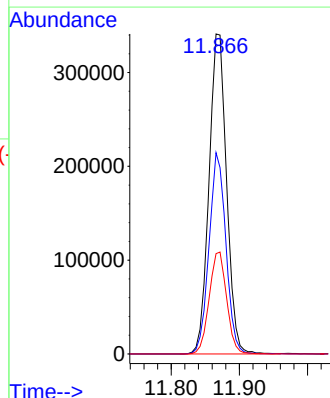
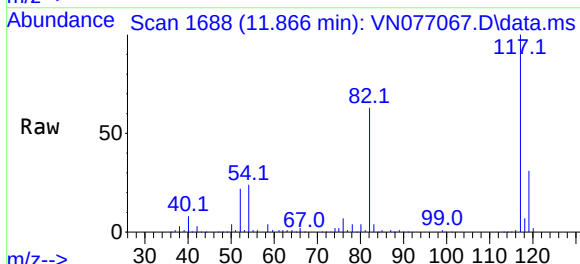
Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	136.6
176	66.6	0.0	130.0

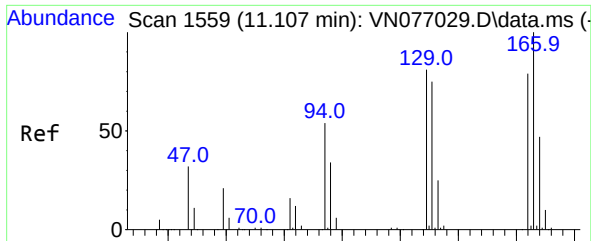


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

Tgt Ion: 117 Resp: 612297

Ion	Ratio	Lower	Upper
117	100		
82	62.9	49.4	74.0
119	31.4	26.5	39.7



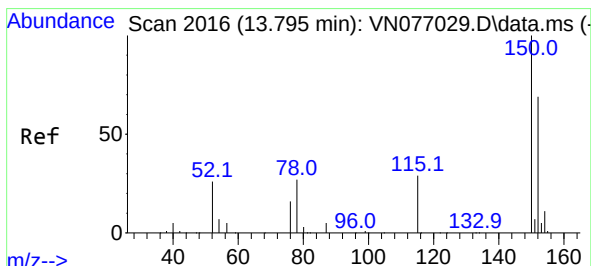
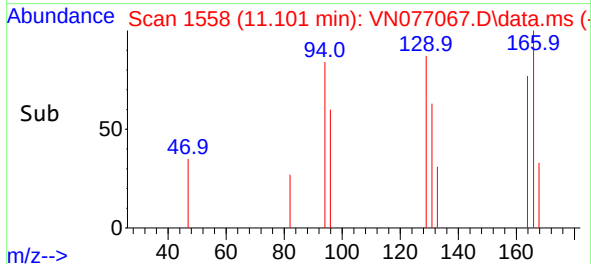
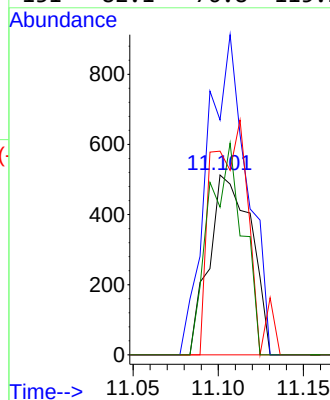
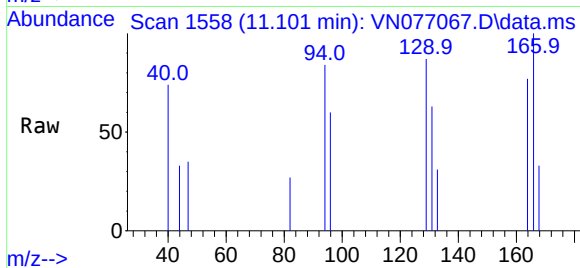


#64
Tetrachloroethene
Concen: 0.214 ug/l
RT: 11.101 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :
RW4-20230313DL

Tgt Ion:164 Resp: 879

Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.9	152.9
129	113.3	82.6	123.8
131	82.1	76.8	115.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077067.D
Acq: 20 Mar 2023 14:41

Tgt Ion:152 Resp: 224983

Ion	Ratio	Lower	Upper
152	100		
115	65.1	31.9	95.7
150	159.5	0.0	348.0

