

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078504.D
 Acq On : 13 Jul 2023 17:51
 Operator : JC\MD
 Sample : 03611-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

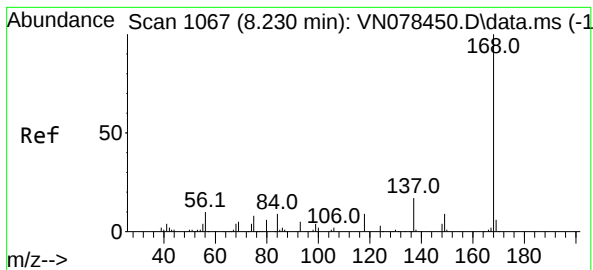
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-RW5A-20230712DL

Quant Time: Jul 14 01:36:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	397962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	716990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	674900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272122	51.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.020%
35) Dibromofluoromethane	8.177	113	274121	56.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.640%
50) Toluene-d8	10.571	98	840689	45.723	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.440%
62) 4-Bromofluorobenzene	12.853	95	288708	50.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.960%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.383	101	14795	3.408	ug/l	98
12) 1,1-Dichloroethene	4.347	96	6222	1.482	ug/l #	81
44) Trichloroethene	9.365	130	271317	48.351	ug/l	94
64) Tetrachloroethene	11.118	164	1518	0.299	ug/l #	77

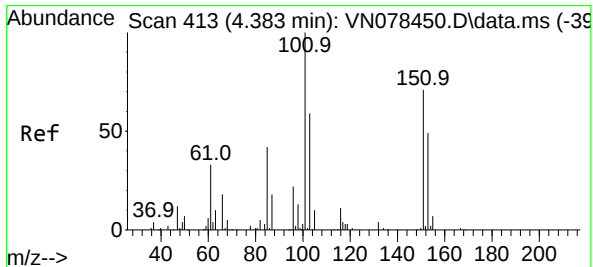
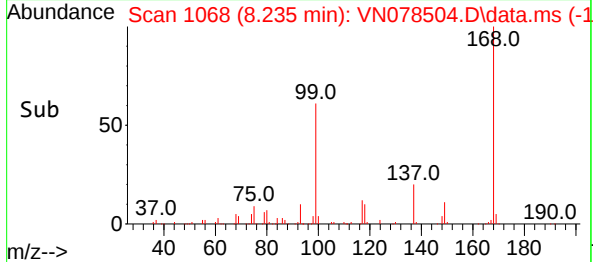
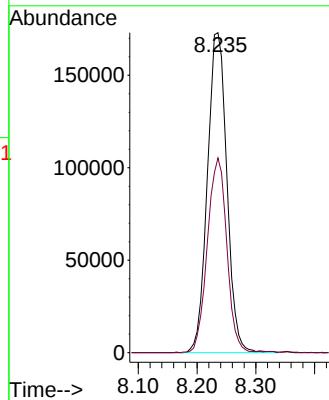
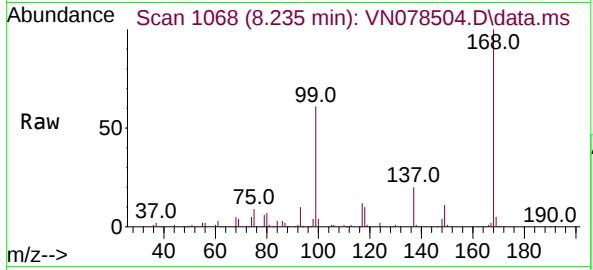
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

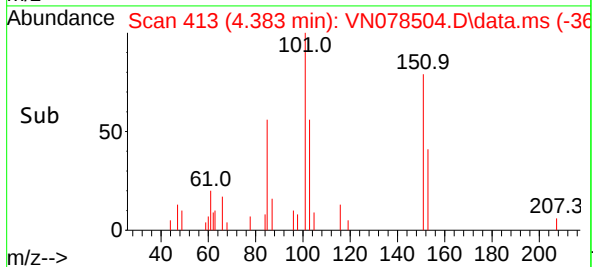
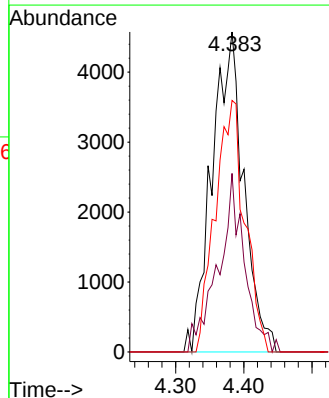
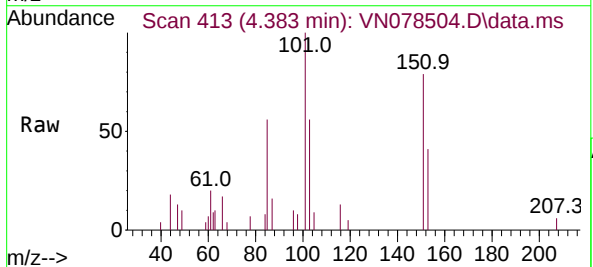
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

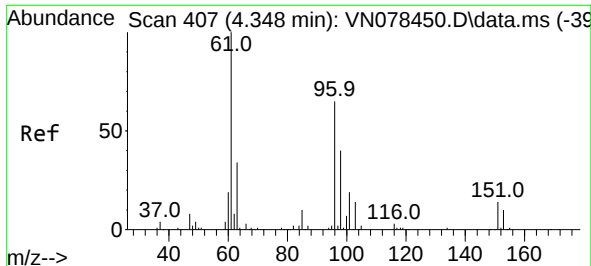
Tgt Ion:168 Resp: 397962
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.408 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion:101 Resp: 14795
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 73.8 57.6 86.4

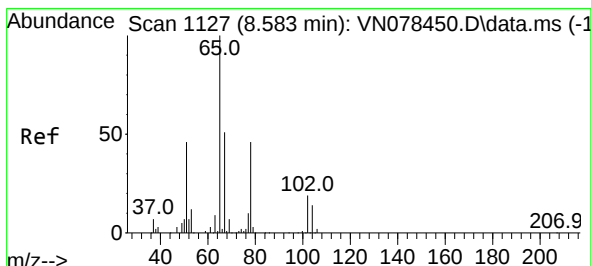
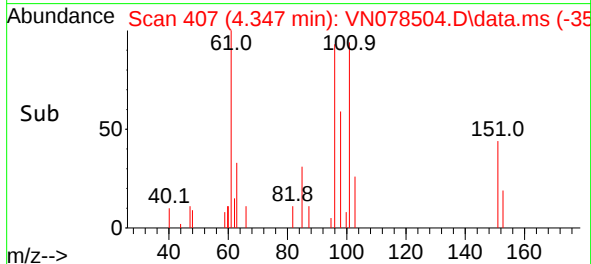
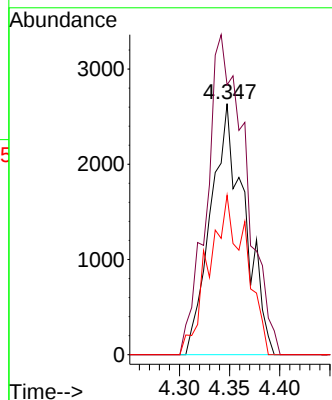
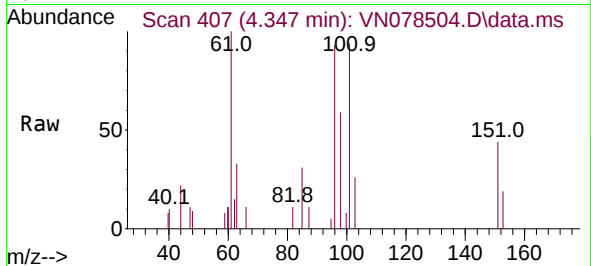




#12
 1,1-Dichloroethene
 Concen: 1.482 ug/l
 RT: 4.347 min Scan# 407
 Delta R.T. -0.001 min
 Lab File: VN078504.D
 Acq: 13 Jul 2023 17:51

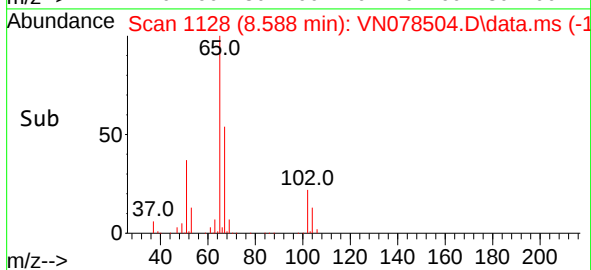
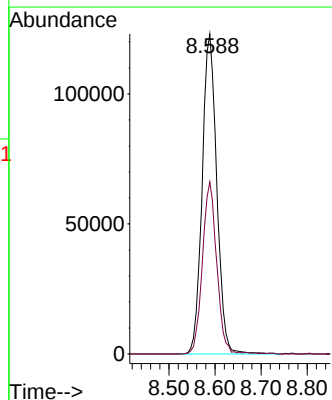
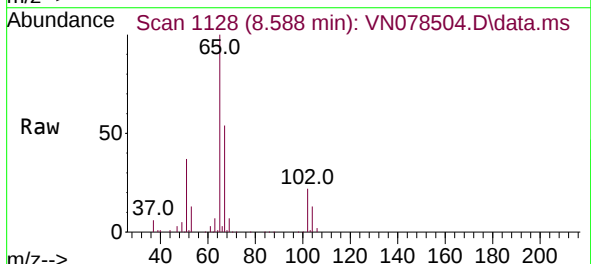
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-RW5A-20230712DL

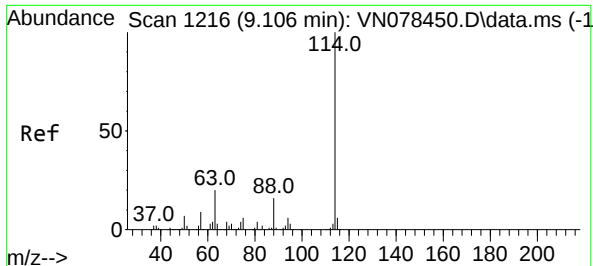
Tgt Ion: 96 Resp: 6222
 Ion Ratio Lower Upper
 96 100
 61 107.5 112.7 169.1#
 98 63.5 51.2 76.8



#33
 1,2-Dichloroethane-d4
 Concen: 51.006 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.005 min
 Lab File: VN078504.D
 Acq: 13 Jul 2023 17:51

Tgt Ion: 65 Resp: 272122
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.6

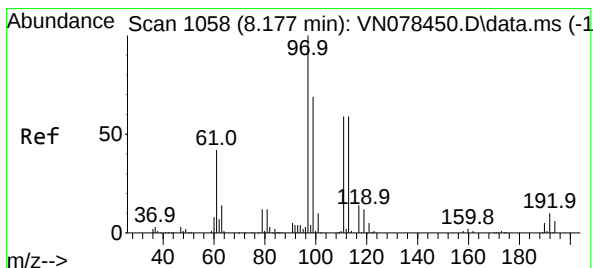
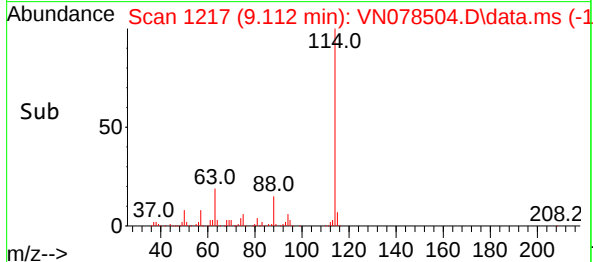
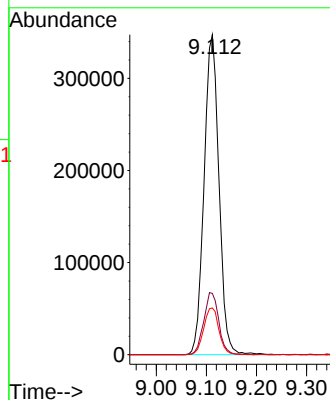
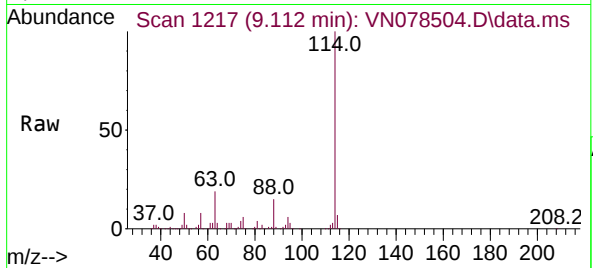




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

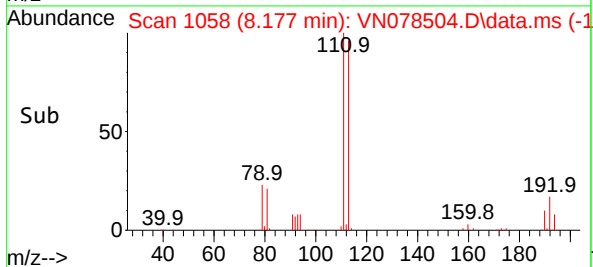
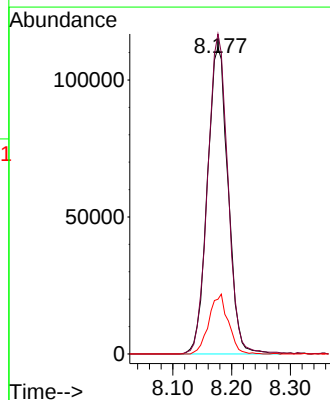
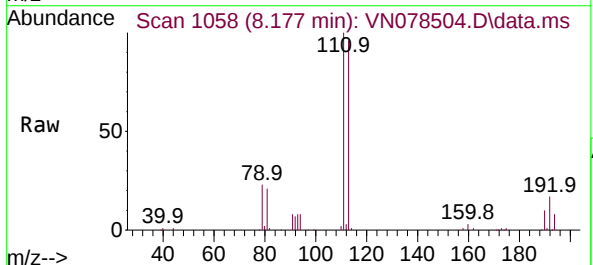
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

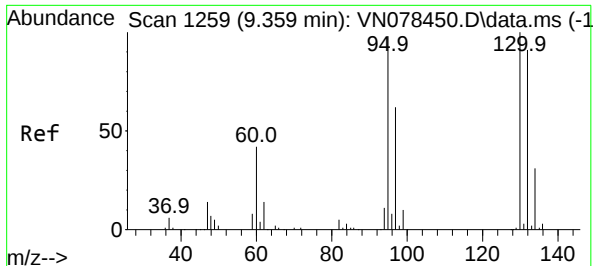
Tgt Ion:114 Resp: 716990
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.321 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion:113 Resp: 274121
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.3 12.7 19.1

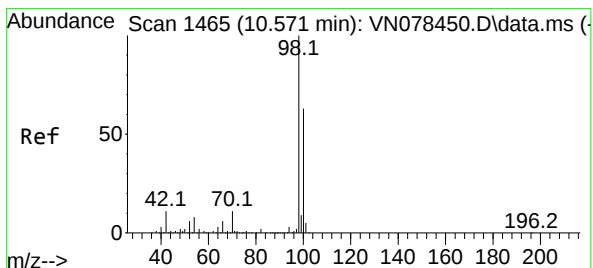
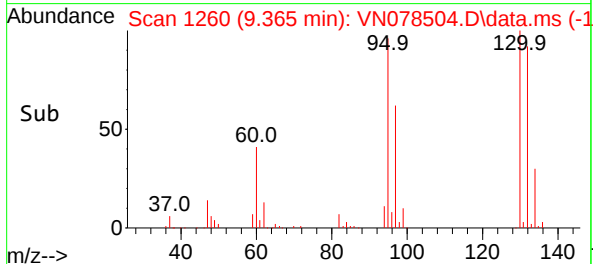
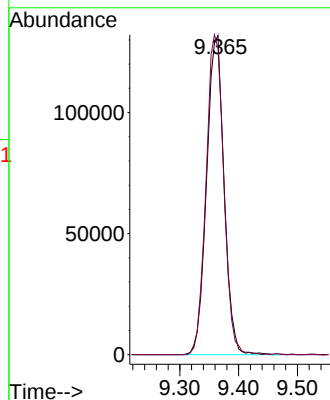
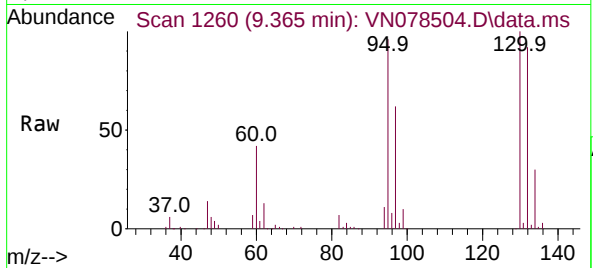




#44
 Trichloroethene
 Concen: 48.351 ug/l
 RT: 9.365 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN078504.D
 Acq: 13 Jul 2023 17:51

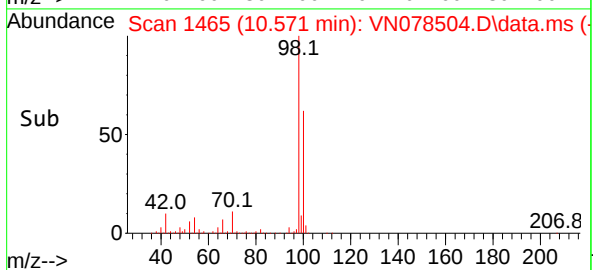
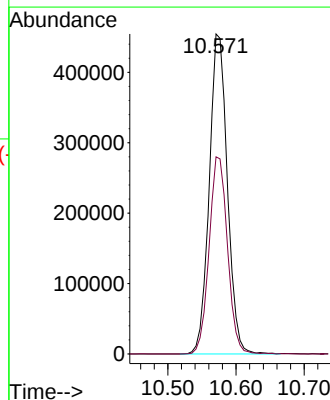
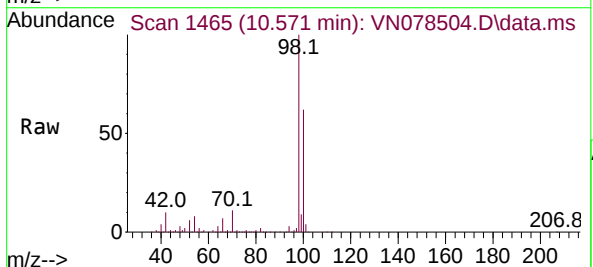
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-RW5A-20230712DL

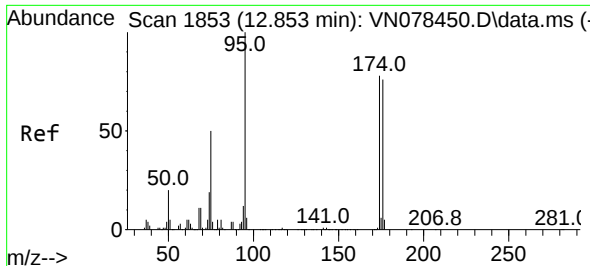
Tgt Ion:130 Resp: 271317
 Ion Ratio Lower Upper
 130 100
 95 96.0 0.0 204.6



#50
 Toluene-d8
 Concen: 45.723 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: VN078504.D
 Acq: 13 Jul 2023 17:51

Tgt Ion: 98 Resp: 840689
 Ion Ratio Lower Upper
 98 100
 100 62.5 52.0 78.0

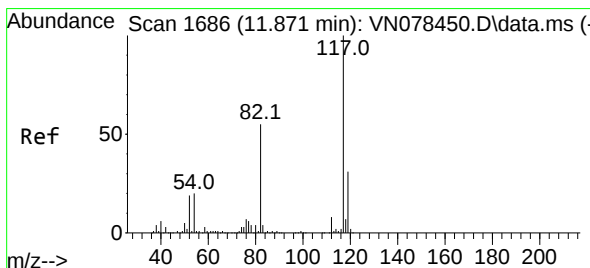
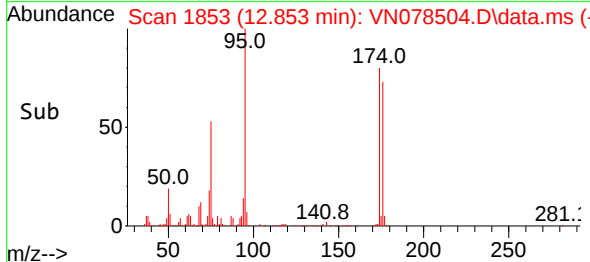
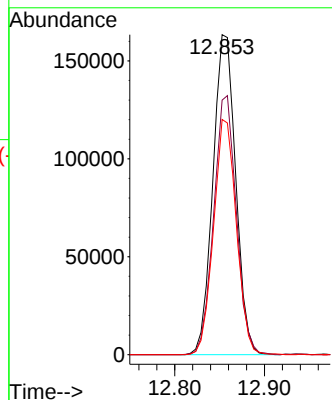
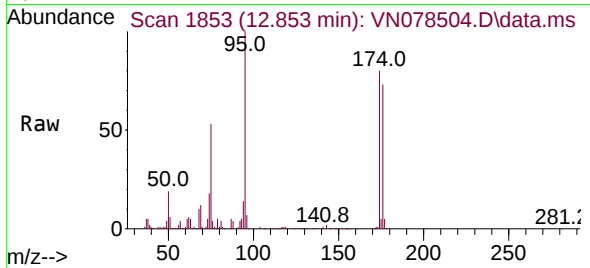




#62
4-Bromofluorobenzene
Concen: 50.977 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

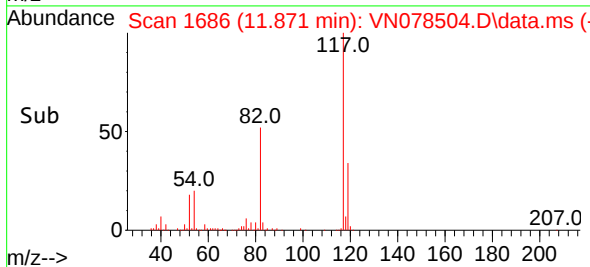
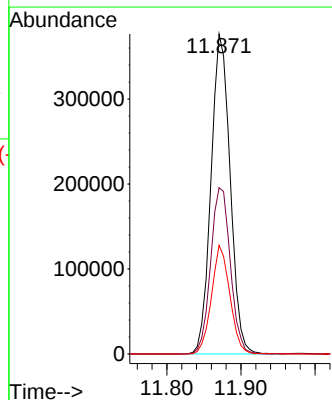
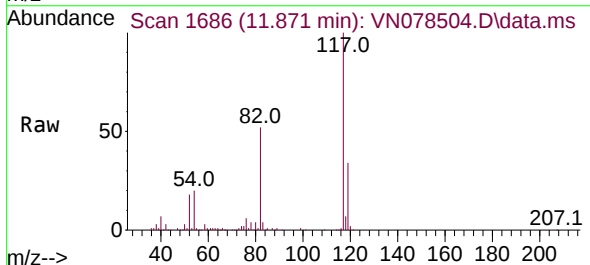
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

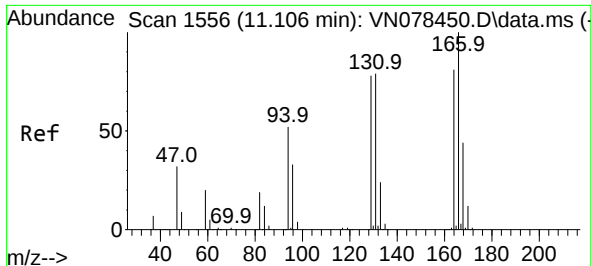
Tgt Ion: 95 Resp: 288708
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.8
176 73.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 117 Resp: 674900
Ion Ratio Lower Upper
117 100
82 52.0 44.0 66.0
119 34.0 25.6 38.4

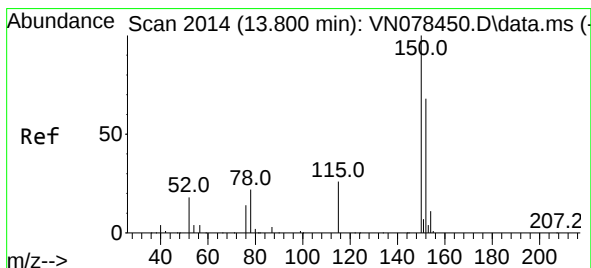
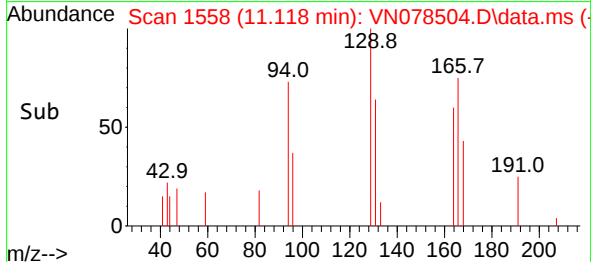
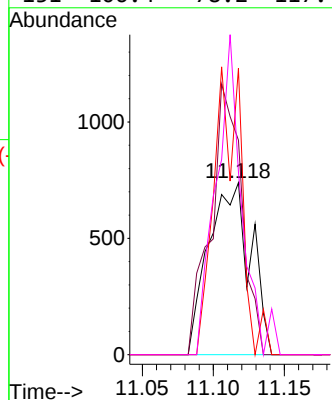
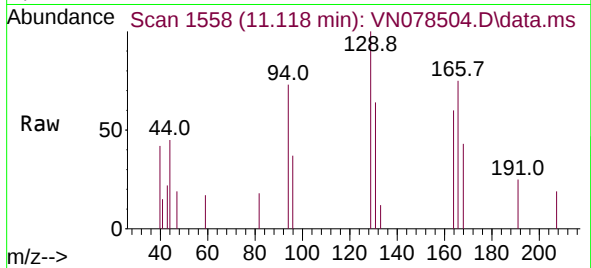




#64
Tetrachloroethene
Concen: 0.299 ug/l
RT: 11.118 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

Tgt Ion:164	Resp:	1518
Ion	Ratio	Lower Upper
164	100	
166	124.8	101.4 152.0
129	166.4	82.4 123.6#
131	106.4	78.2 117.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion:152	Resp:	223607
Ion	Ratio	Lower Upper
152	100	
115	62.0	32.3 96.8
150	157.9	0.0 355.8

