

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070675.D
 Acq On : 12 Oct 2021 13:13
 Operator : VA/SY
 Sample : M4136-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042

Quant Time: Oct 13 06:35:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

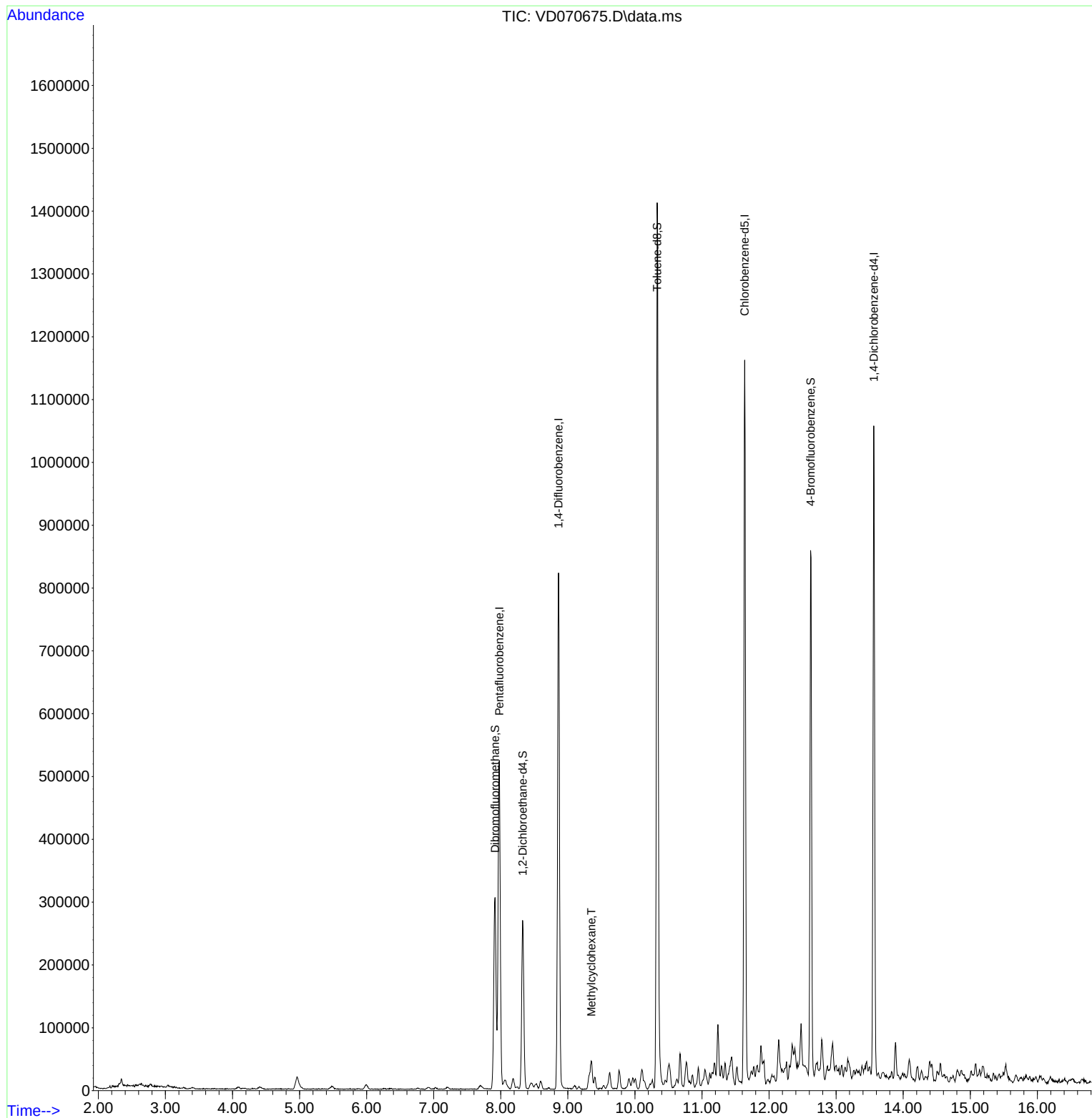
Internal Standards						
1) Pentafluorobenzene	7.979	168	364272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	715406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	693627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212570	49.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.18%
35) Dibromofluoromethane	7.914	113	230048	48.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.74%
50) Toluene-d8	10.332	98	948897	52.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.38%
62) 4-Bromofluorobenzene	12.620	95	306191	50.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.76%
Target Compounds						
39) Methylcyclohexane	9.350	83	15124	1.73	ug/l	Qvalue 86

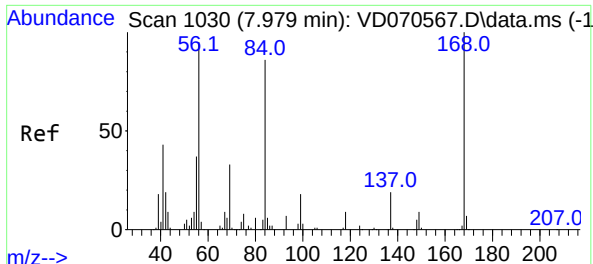
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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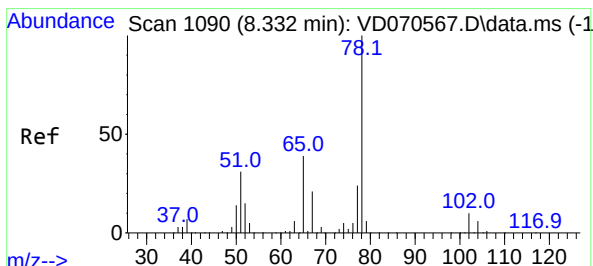
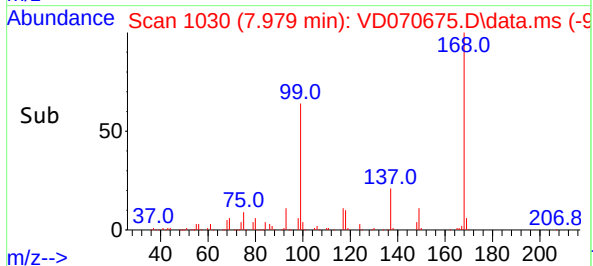
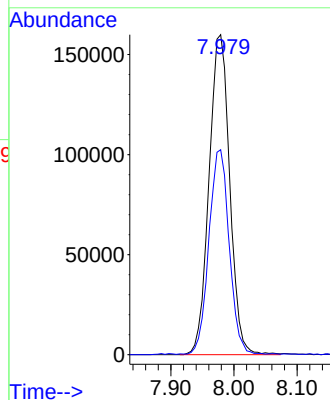
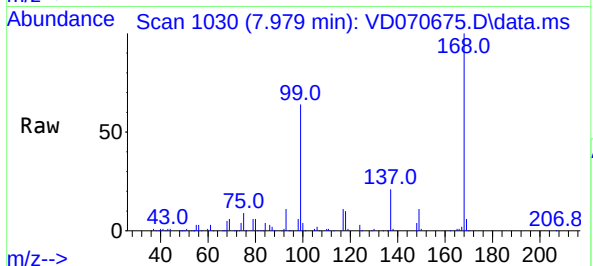




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070675.D
 Acq: 12 Oct 2021 13:13

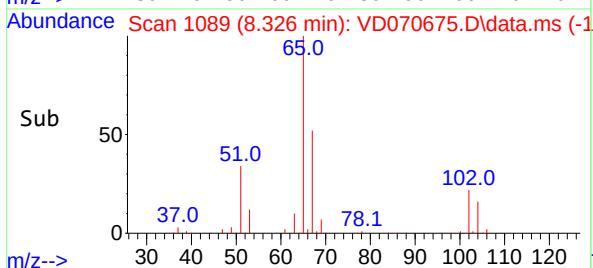
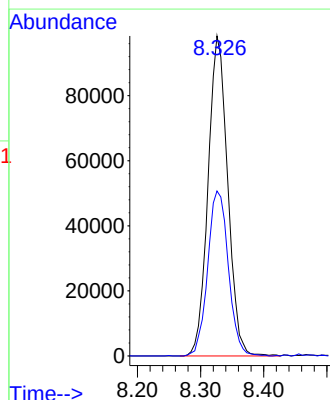
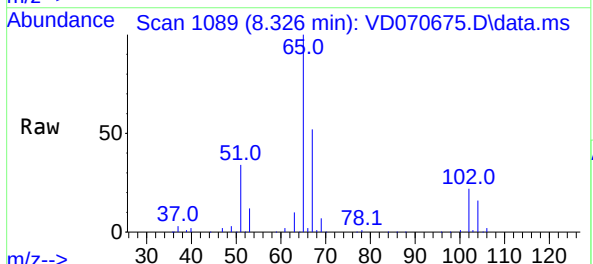
Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042

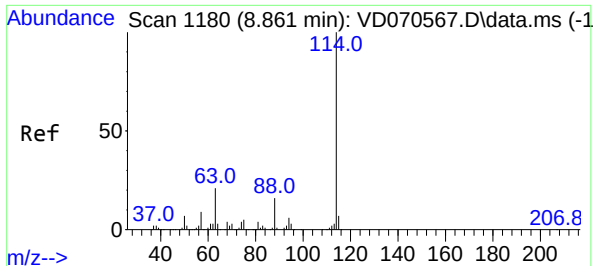
Tgt Ion:168 Resp: 364272
 Ion Ratio Lower Upper
 168 100
 99 63.9 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 49.59 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD070675.D
 Acq: 12 Oct 2021 13:13

Tgt Ion: 65 Resp: 212570
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.2

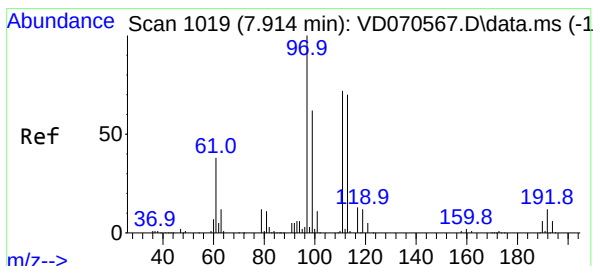
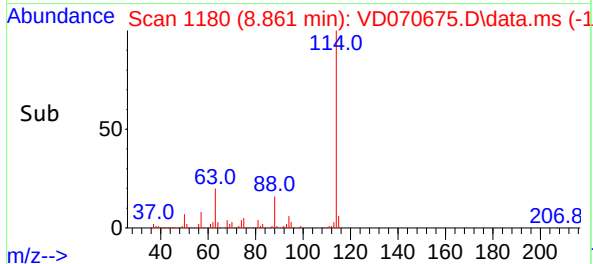
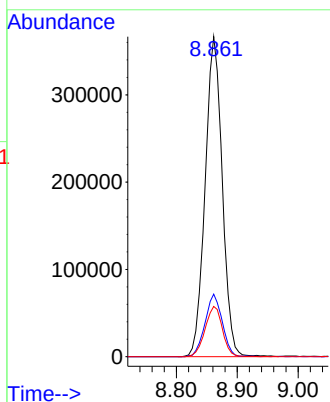
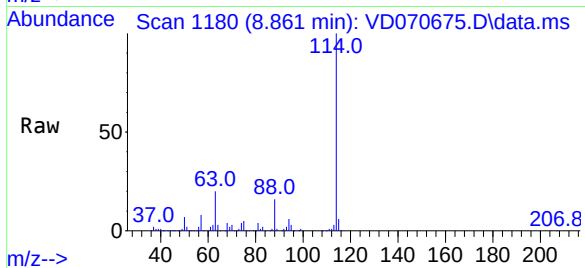




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

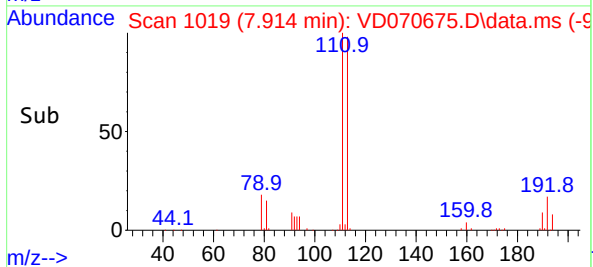
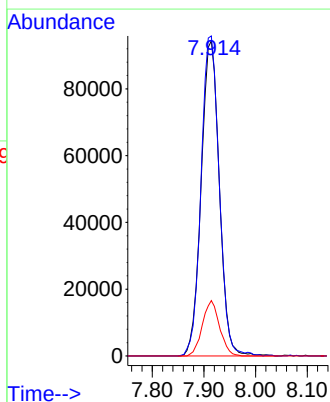
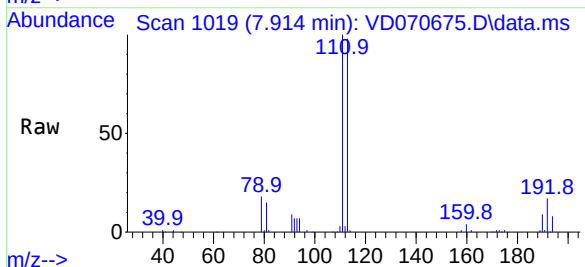
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

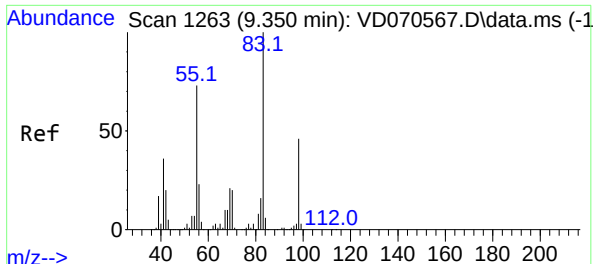
Tgt Ion:114 Resp: 715406
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.37 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Tgt Ion:113 Resp: 230048
Ion Ratio Lower Upper
113 100
111 101.5 83.1 124.7
192 16.7 12.7 19.1





#39

Methylcyclohexane

Concen: 1.73 ug/l

RT: 9.350 min Scan# 1263

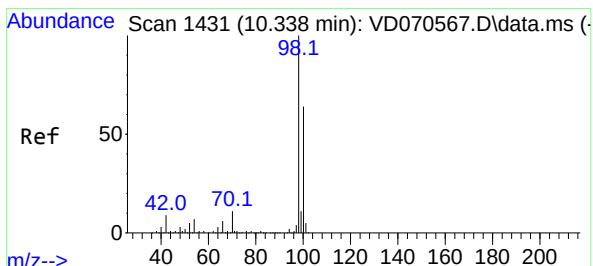
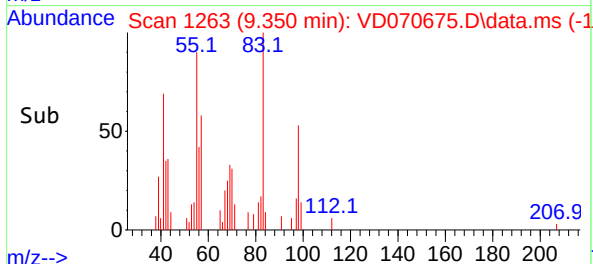
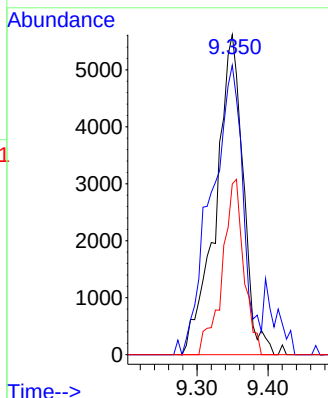
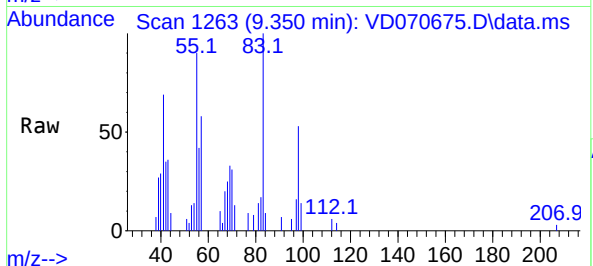
Delta R.T. -0.000 min

Lab File: VD070675.D

Acq: 12 Oct 2021 13:13

Tgt Ion:	83	Resp:	15124
Ion	Ratio	Lower	Upper
83	100		
55	85.9	58.2	87.4
98	53.4	36.9	55.3

Instrument :
MSVOA_D
ClientSampleId :
PSC124042



#50

Toluene-d8

Concen: 52.19 ug/l

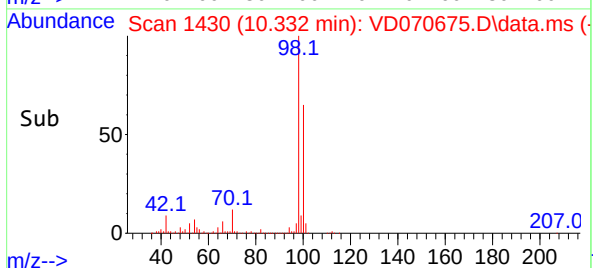
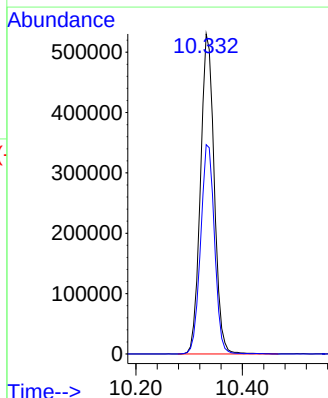
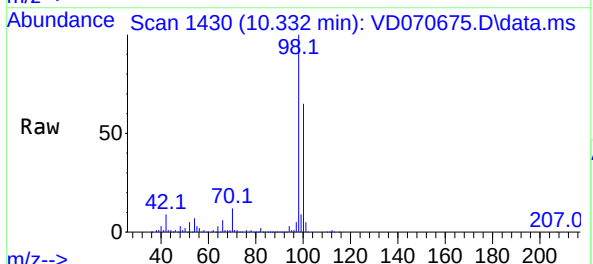
RT: 10.332 min Scan# 1430

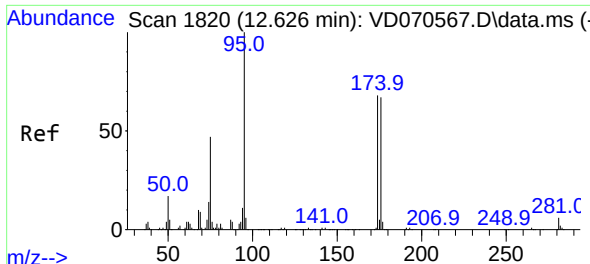
Delta R.T. -0.006 min

Lab File: VD070675.D

Acq: 12 Oct 2021 13:13

Tgt Ion:	98	Resp:	948897
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.4

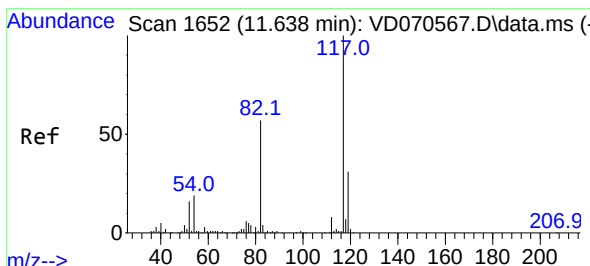
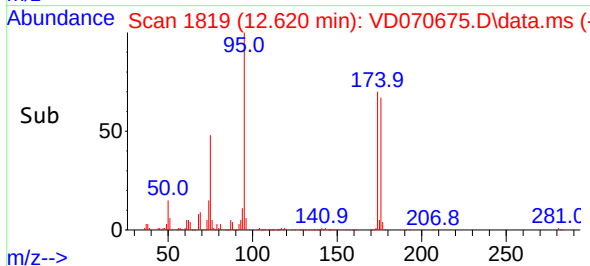
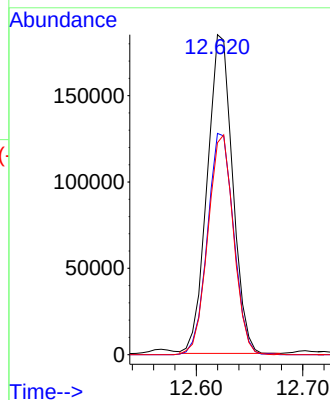
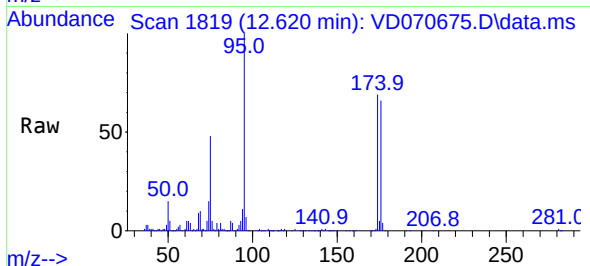




#62
4-Bromofluorobenzene
Concen: 50.38 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

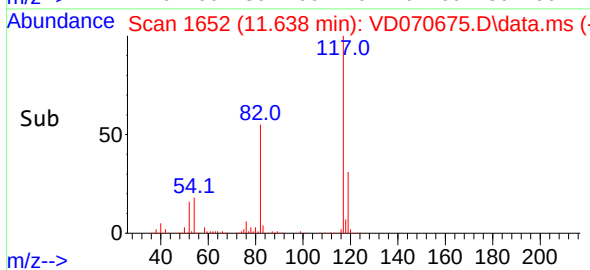
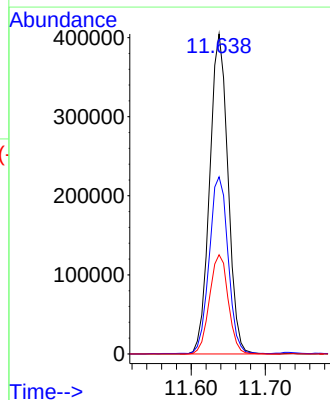
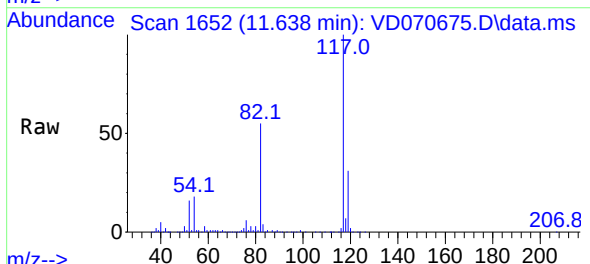
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

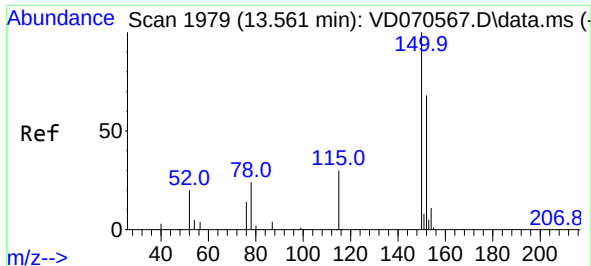
Tgt Ion: 95 Resp: 306191
Ion Ratio Lower Upper
95 100
174 71.5 0.0 138.0
176 69.5 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

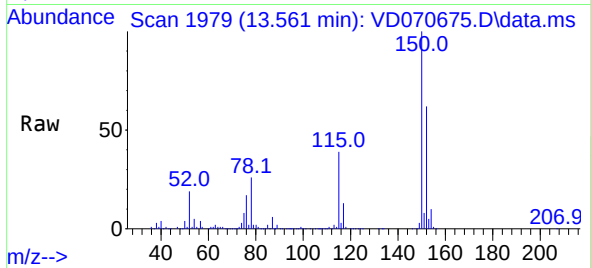
Tgt Ion: 117 Resp: 693627
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 31.0 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD070675.D
 Acq: 12 Oct 2021 13:13

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042



Tgt Ion:152 Resp: 278101

Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.9	95.7
150	158.4	0.0	350.0

