

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070676.D
 Acq On : 12 Oct 2021 13:41
 Operator : VA/SY
 Sample : M4163-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-100821

Quant Time: Oct 13 06:35:54 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)

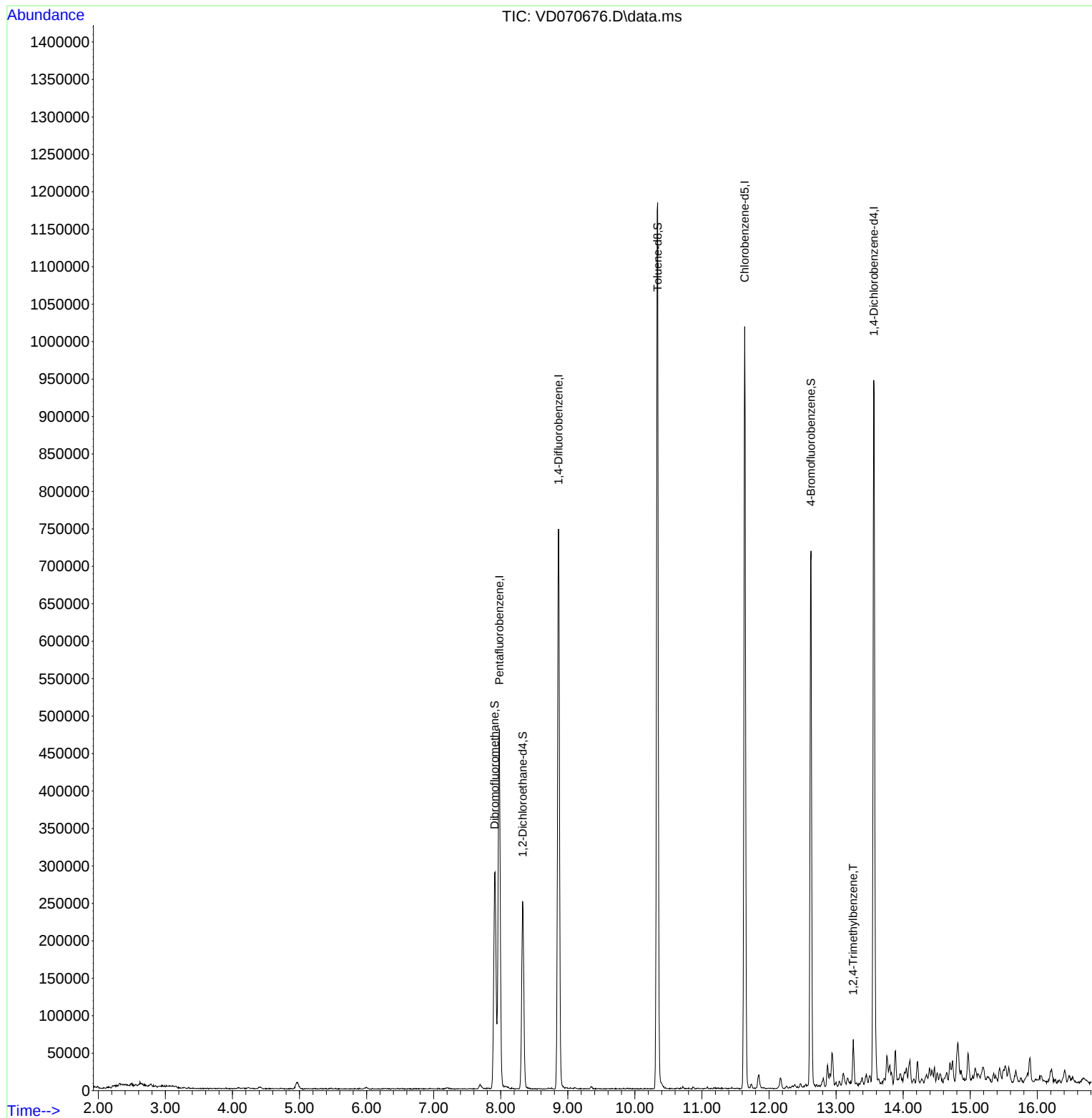
Internal Standards						
1) Pentafluorobenzene	7.979	168	336918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	651419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	610134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197296	49.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.52%
35) Dibromofluoromethane	7.909	113	214007	49.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.82%
50) Toluene-d8	10.338	98	828980	50.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.14%
62) 4-Bromofluorobenzene	12.626	95	255935	46.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.50%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.255	105	31308	1.95	ug/l	Qvalue 91

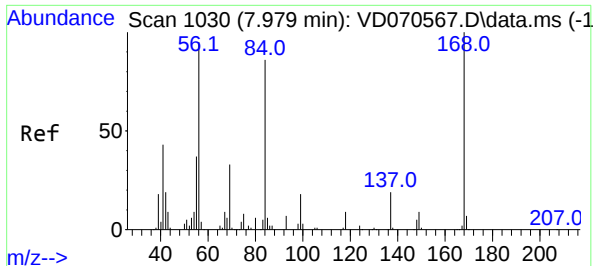
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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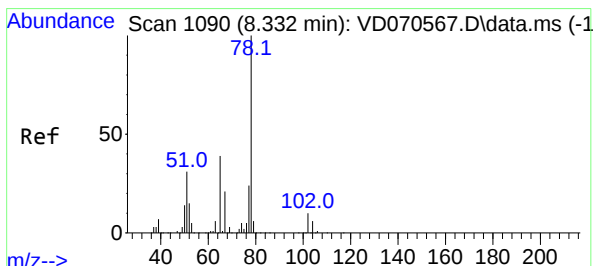
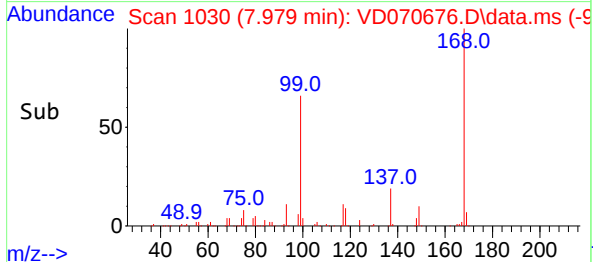
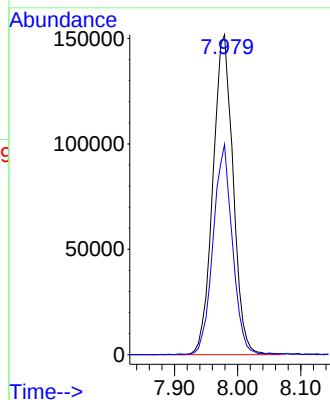
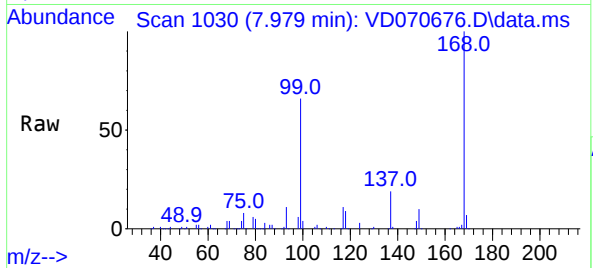




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

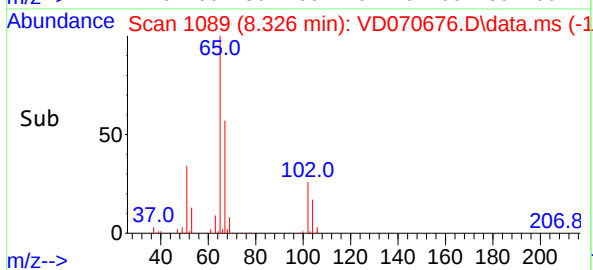
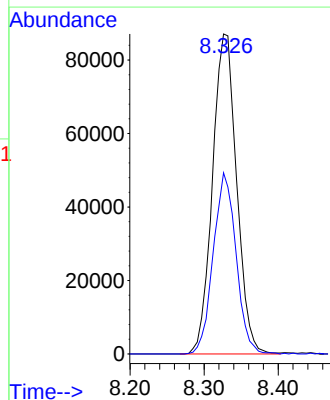
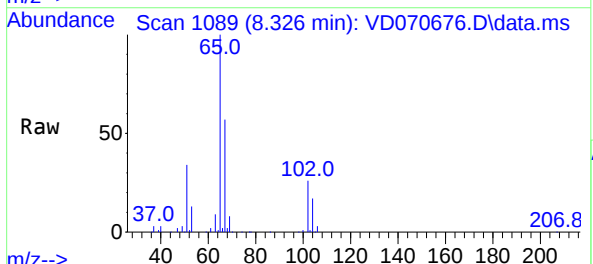
Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

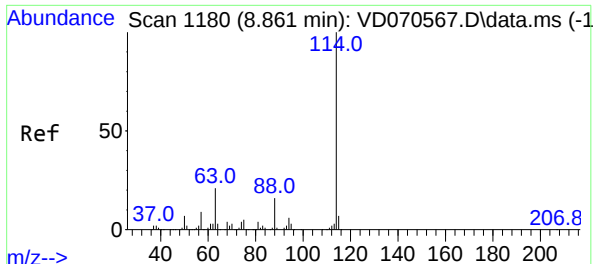
Tgt Ion:168 Resp: 336918
Ion Ratio Lower Upper
168 100
99 65.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 49.76 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion: 65 Resp: 197296
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.2





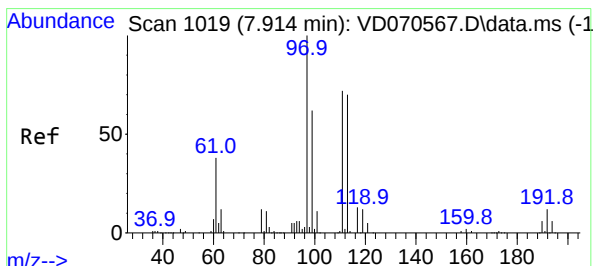
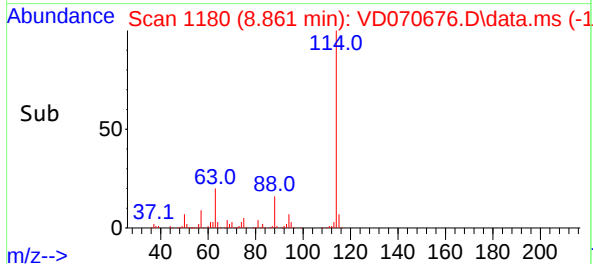
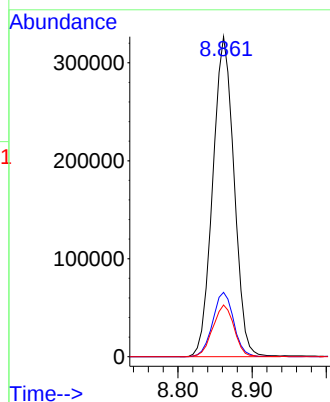
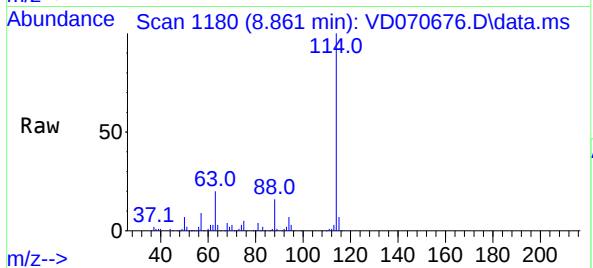
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

Tgt Ion:114 Resp: 651419

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.8
88	16.2	0.0	32.6

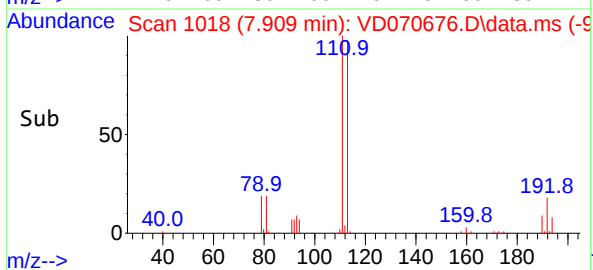
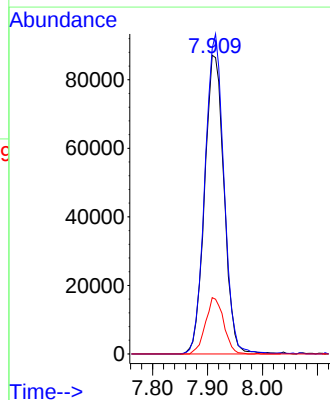
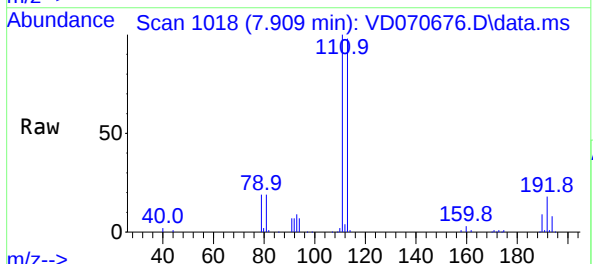


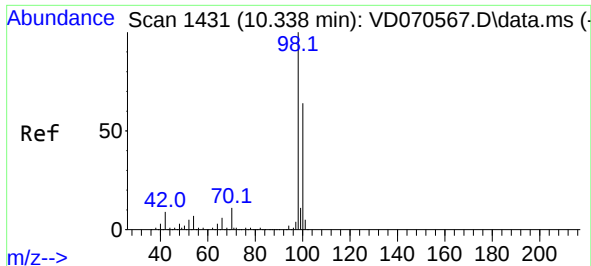
#35

Dibromofluoromethane
Concen: 49.41 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion:113 Resp: 214007

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.1	124.7
192	17.6	12.7	19.1

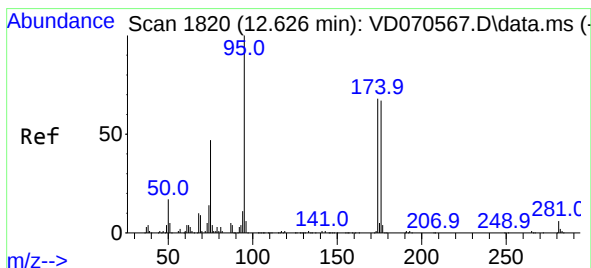
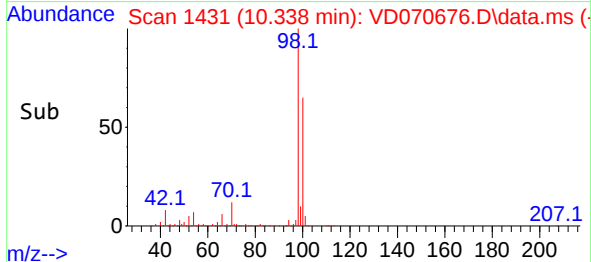
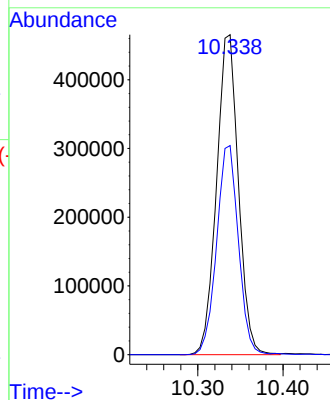
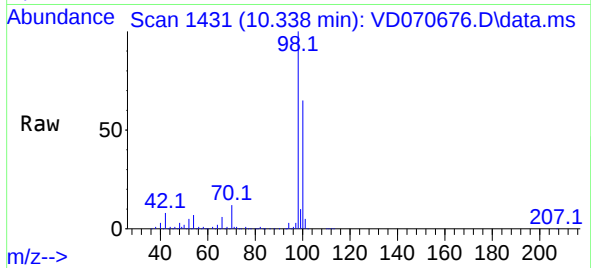




#50
Toluene-d8
Concen: 50.07 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

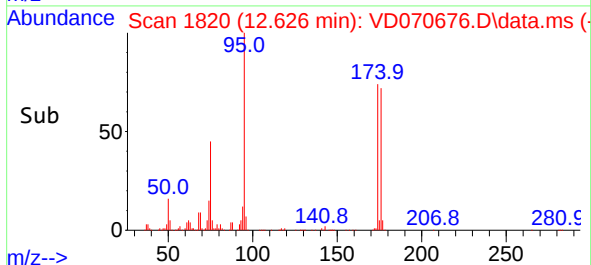
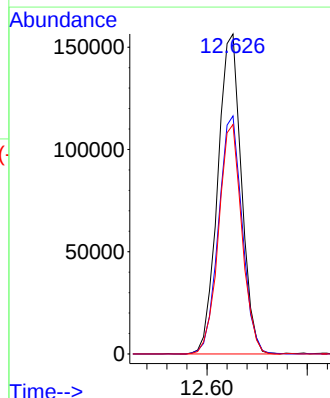
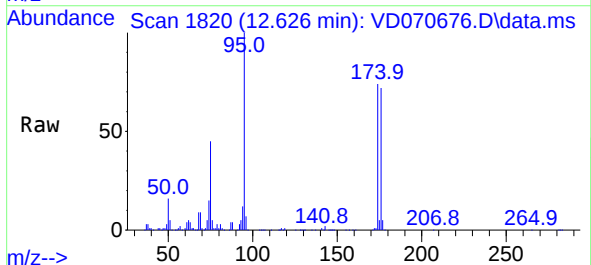
Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

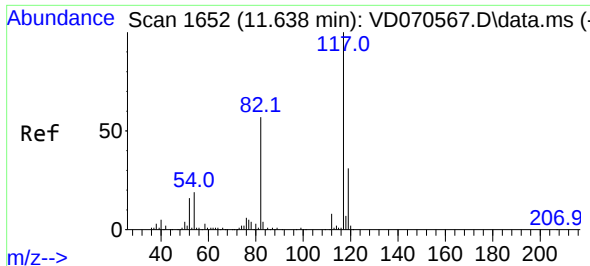
Tgt Ion: 98 Resp: 828980
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.25 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

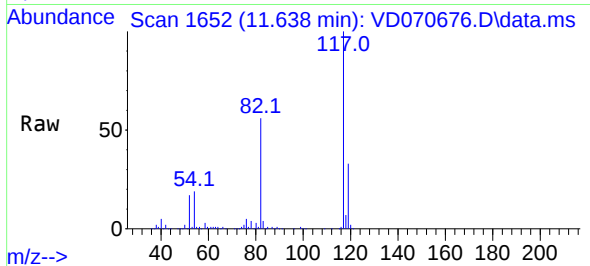
Tgt Ion: 95 Resp: 255935
Ion Ratio Lower Upper
95 100
174 74.4 0.0 138.0
176 70.6 0.0 135.6



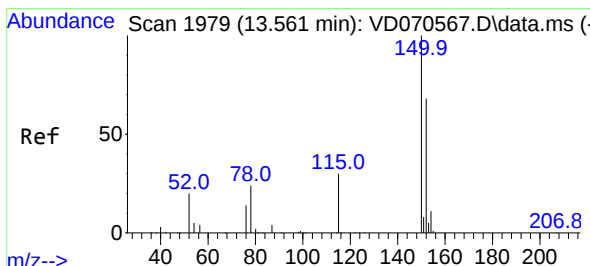
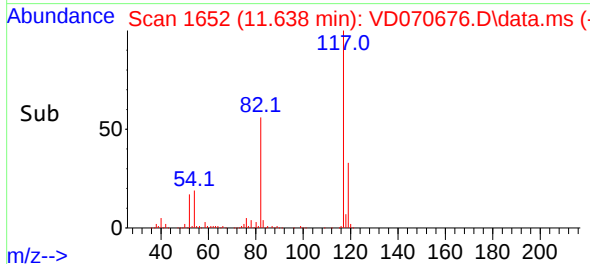
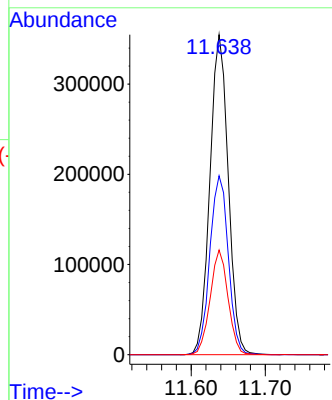


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

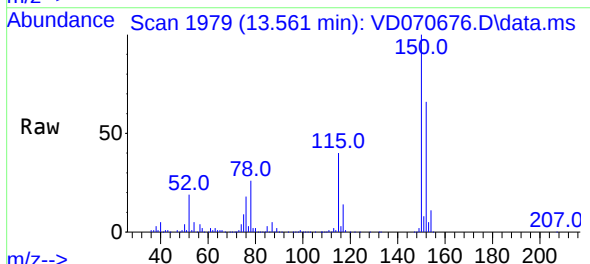
Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821



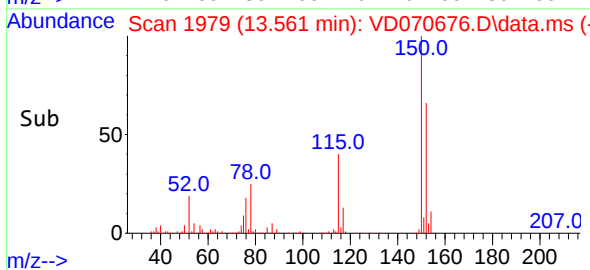
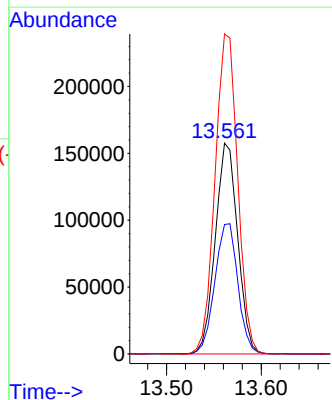
Tgt Ion:117 Resp: 610134
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 32.7 24.7 37.1

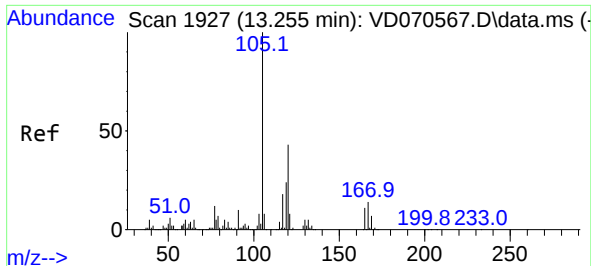


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41



Tgt Ion:152 Resp: 259670
Ion Ratio Lower Upper
152 100
115 63.8 31.9 95.7
150 153.5 0.0 350.0





#84
1,2,4-Trimethylbenzene
Concen: 1.95 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

Tgt Ion:105 Resp: 31308
Ion Ratio Lower Upper
105 100
120 49.6 21.9 65.8

