

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068167.D
 Acq On : 25 Jan 2021 14:08
 Operator : VA/SY
 Sample : M1216-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PS-105

Quant Time: Jan 26 00:08:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

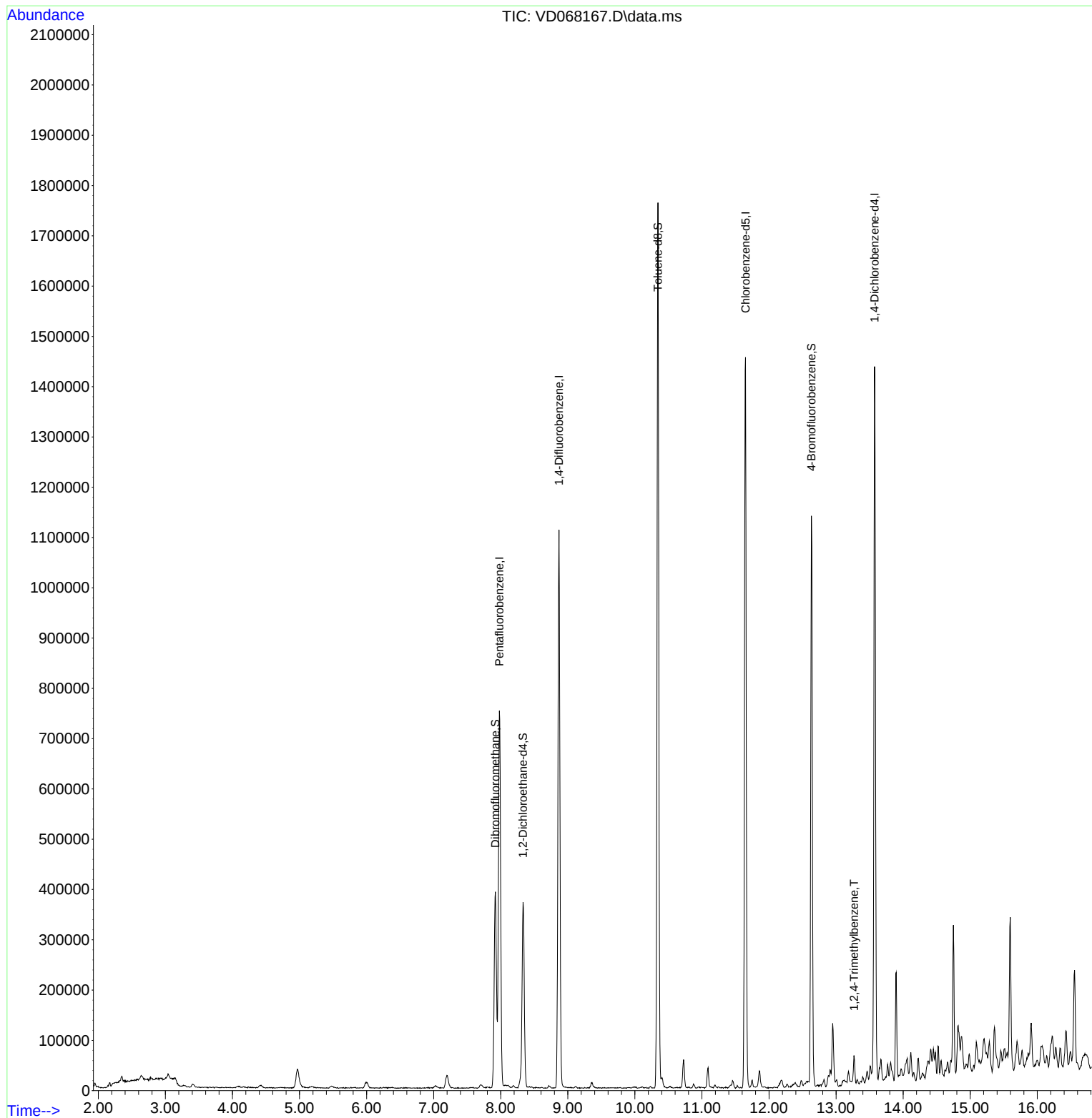
Internal Standards						
1) Pentafluorobenzene	7.979	168	570713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	988329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	865322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	380822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	299234	54.81	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.62%	
35) Dibromofluoromethane	7.920	113	285636	52.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.56%	
50) Toluene-d8	10.344	98	1214113	55.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.10%	
62) 4-Bromofluorobenzene	12.632	95	392477	49.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.74%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.267	105	32703	1.25	ug/l	Qvalue 99

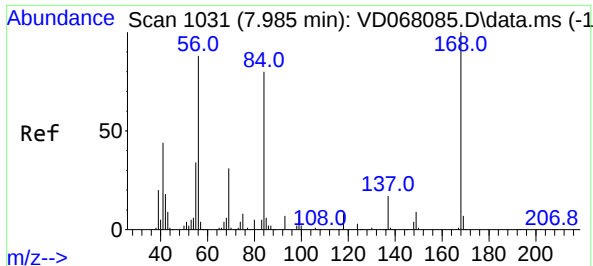
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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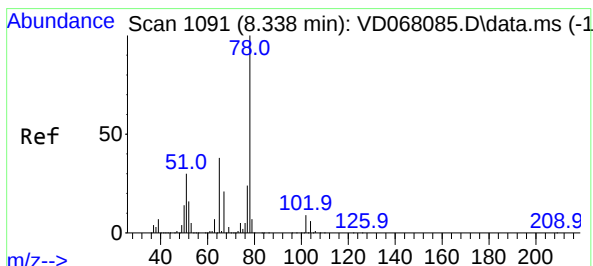
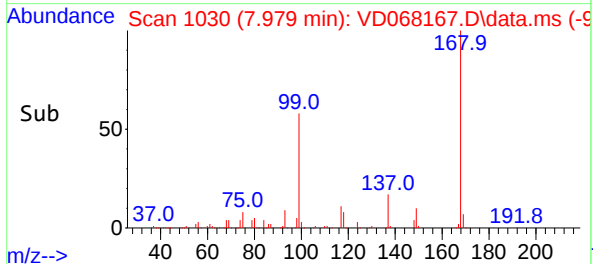
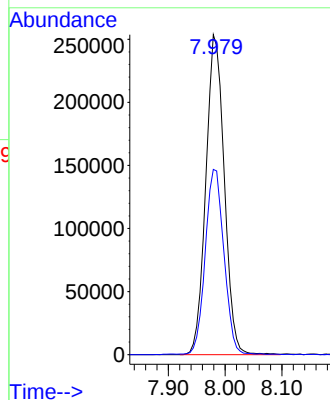
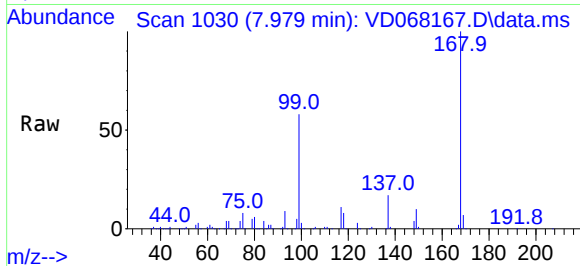




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068167.D
Acq: 25 Jan 2021 14:08

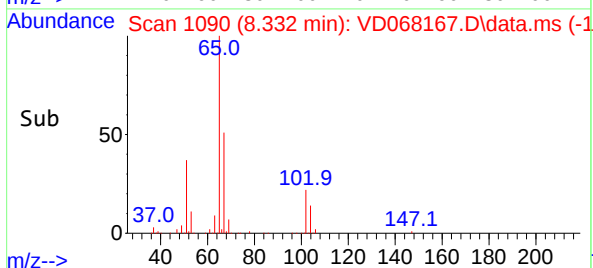
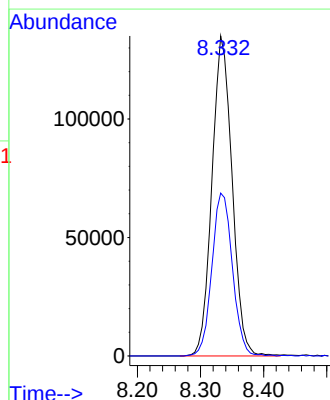
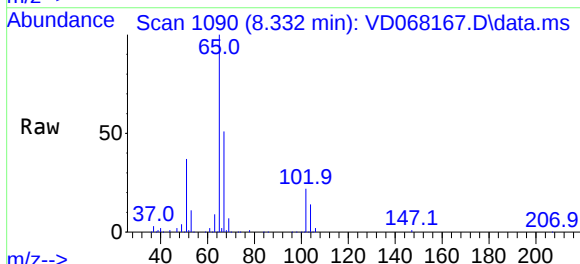
Instrument :
MSVOA_D
ClientSampleId :
PS-105

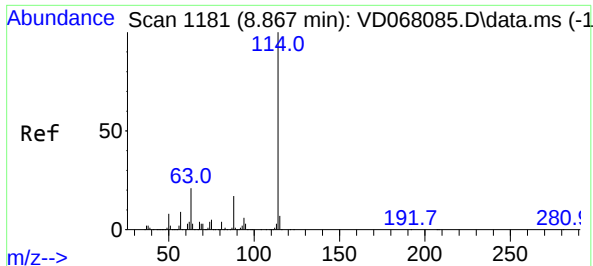
Tgt Ion:168 Resp: 570713
Ion Ratio Lower Upper
168 100
99 57.8 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 54.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068167.D
Acq: 25 Jan 2021 14:08

Tgt Ion: 65 Resp: 299234
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0



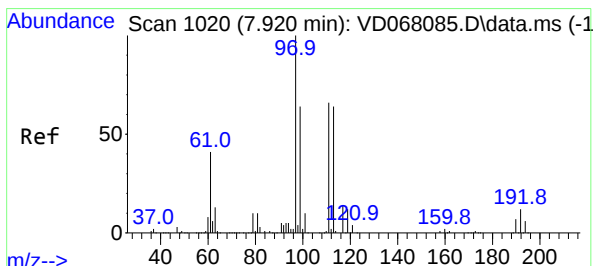
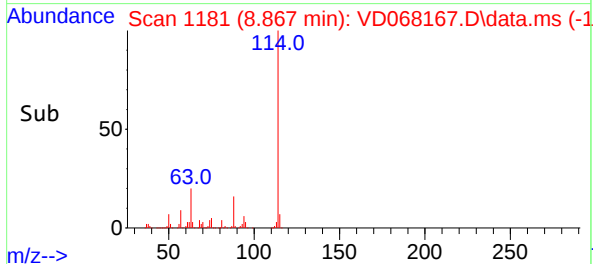
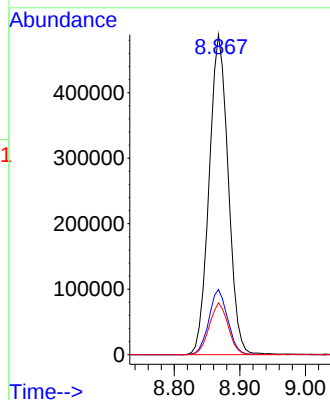
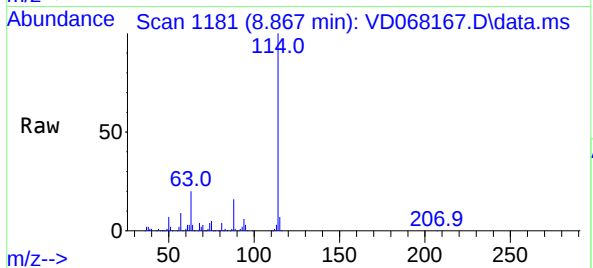


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068167.D
Acq: 25 Jan 2021 14:08

Instrument :
MSVOA_D
ClientSampleId :
PS-105

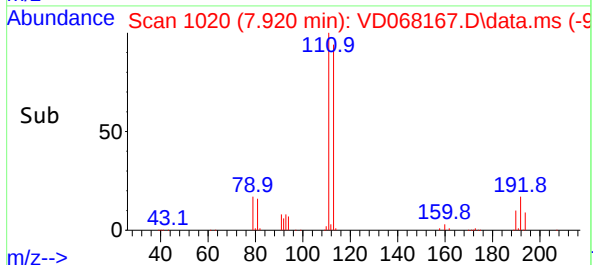
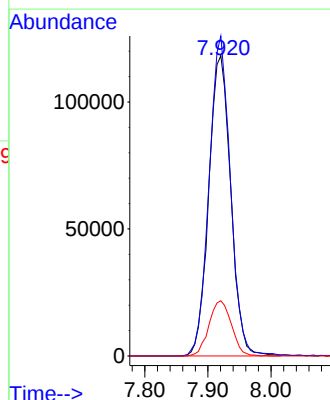
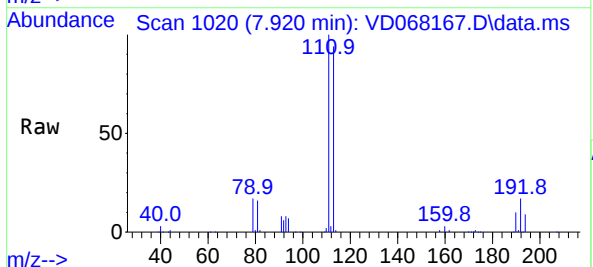
Tgt Ion:114 Resp: 988329
Ion Ratio Lower Upper
114 100
63 20.3 0.0 34.8
88 16.2 0.0 31.6

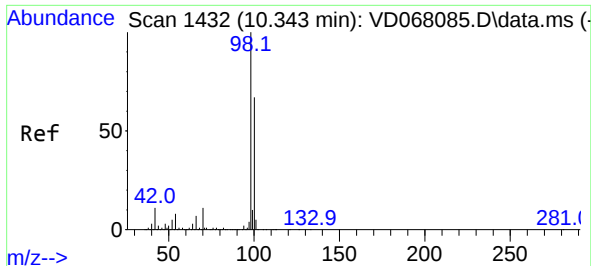


#35

Dibromofluoromethane
Concen: 52.28 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068167.D
Acq: 25 Jan 2021 14:08

Tgt Ion:113 Resp: 285636
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.8 16.1 24.1

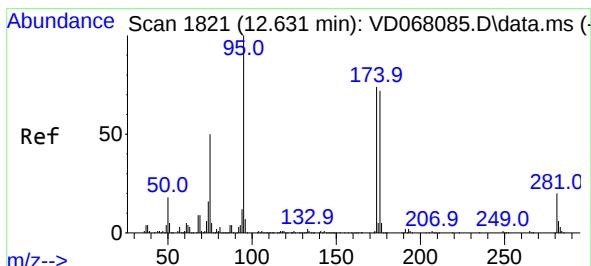
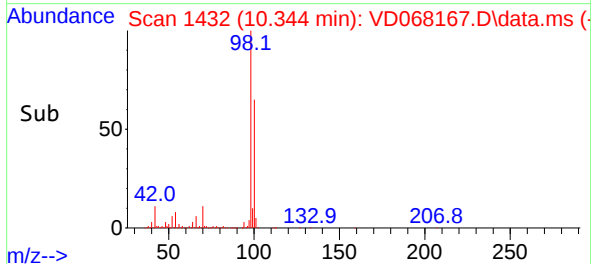
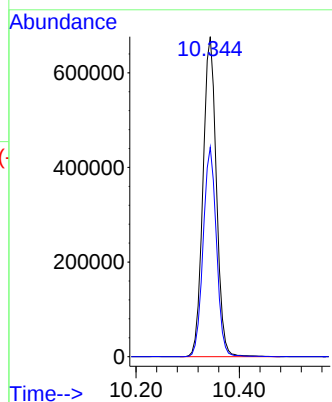
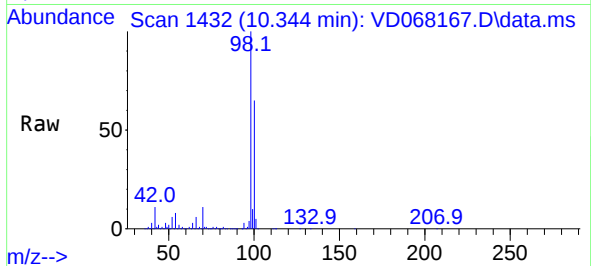




#50
Toluene-d8
Concen: 55.55 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068167.D
Acq: 25 Jan 2021 14:08

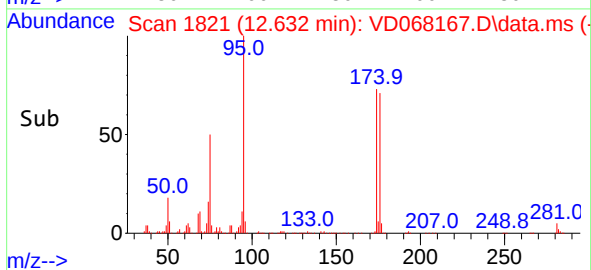
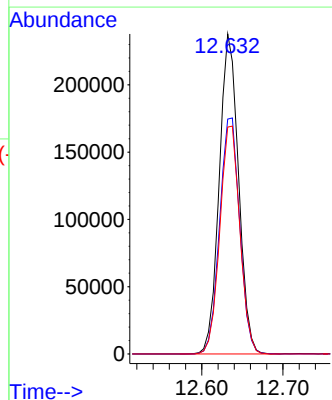
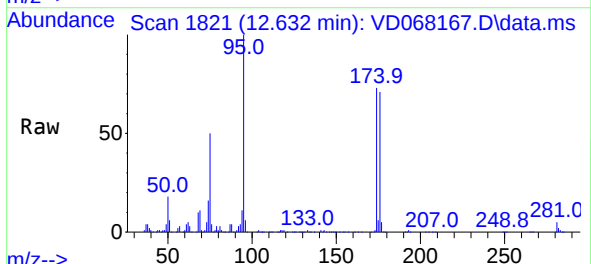
Instrument :
MSVOA_D
ClientSampleId :
PS-105

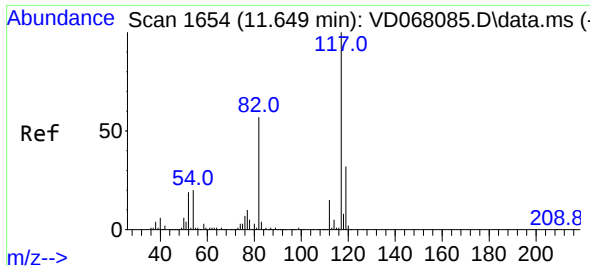
Tgt Ion: 98 Resp: 1214113
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068167.D
Acq: 25 Jan 2021 14:08

Tgt Ion: 95 Resp: 392477
Ion Ratio Lower Upper
95 100
174 76.8 0.0 172.4
176 73.8 0.0 168.4



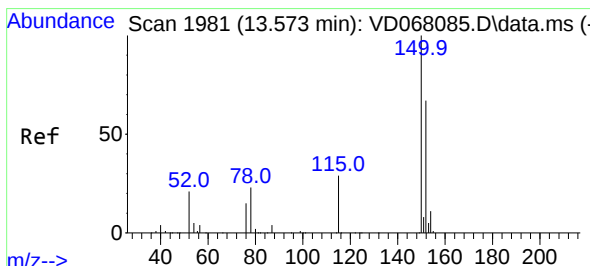
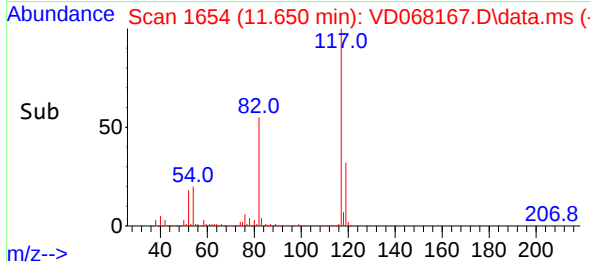
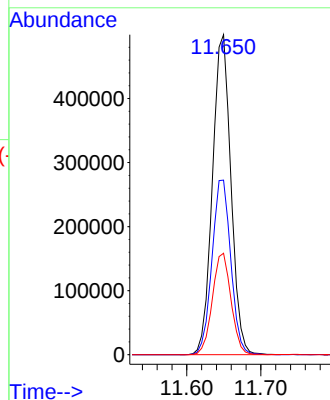
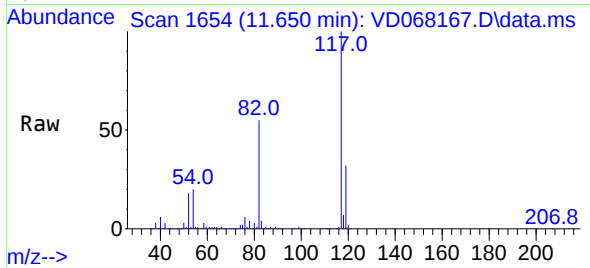


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068167.D
Acq: 25 Jan 2021 14:08

Instrument :
MSVOA_D
ClientSampleId :
PS-105

Tgt Ion:117 Resp: 865322

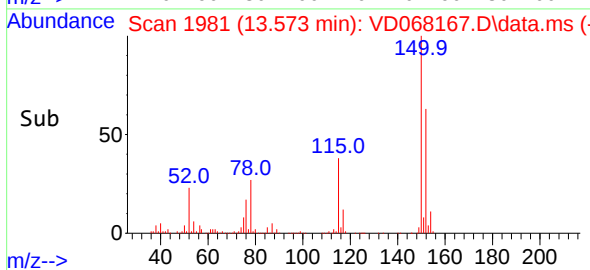
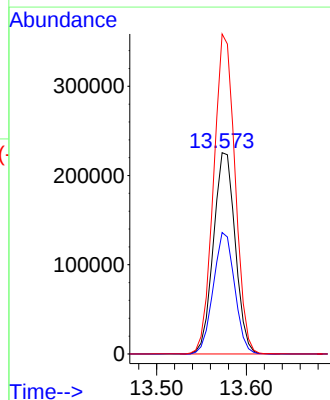
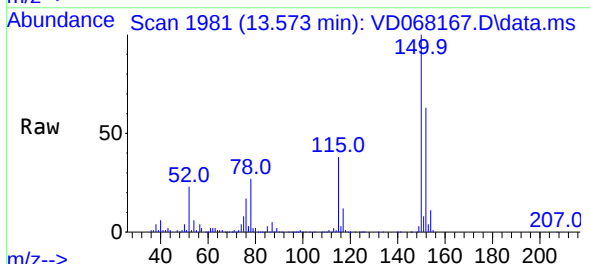
Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.4	62.0
119	31.7	26.1	39.1

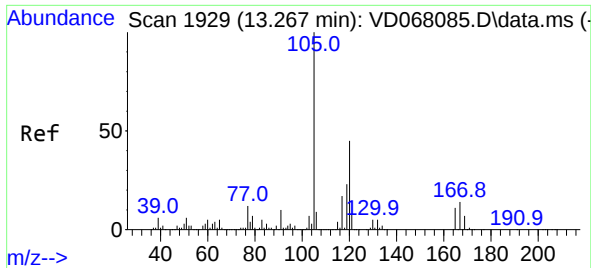


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068167.D
Acq: 25 Jan 2021 14:08

Tgt Ion:152 Resp: 380822

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.9	86.8
150	156.6	0.0	344.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.25 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: VD068167.D
 Acq: 25 Jan 2021 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 PS-105

Tgt Ion:105 Resp: 32703
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.0

