

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068385.D
 Acq On : 17 Feb 2021 16:14
 Operator : VA/SY
 Sample : M1440-01
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-227-233-A

Quant Time: Feb 18 00:13:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	388372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	754360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	707764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	294297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	240647	60.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.22%
35) Dibromofluoromethane	7.920	113	232294	51.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.76%
50) Toluene-d8	10.344	98	961878	51.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.66%
62) 4-Bromofluorobenzene	12.632	95	302634	50.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.12%

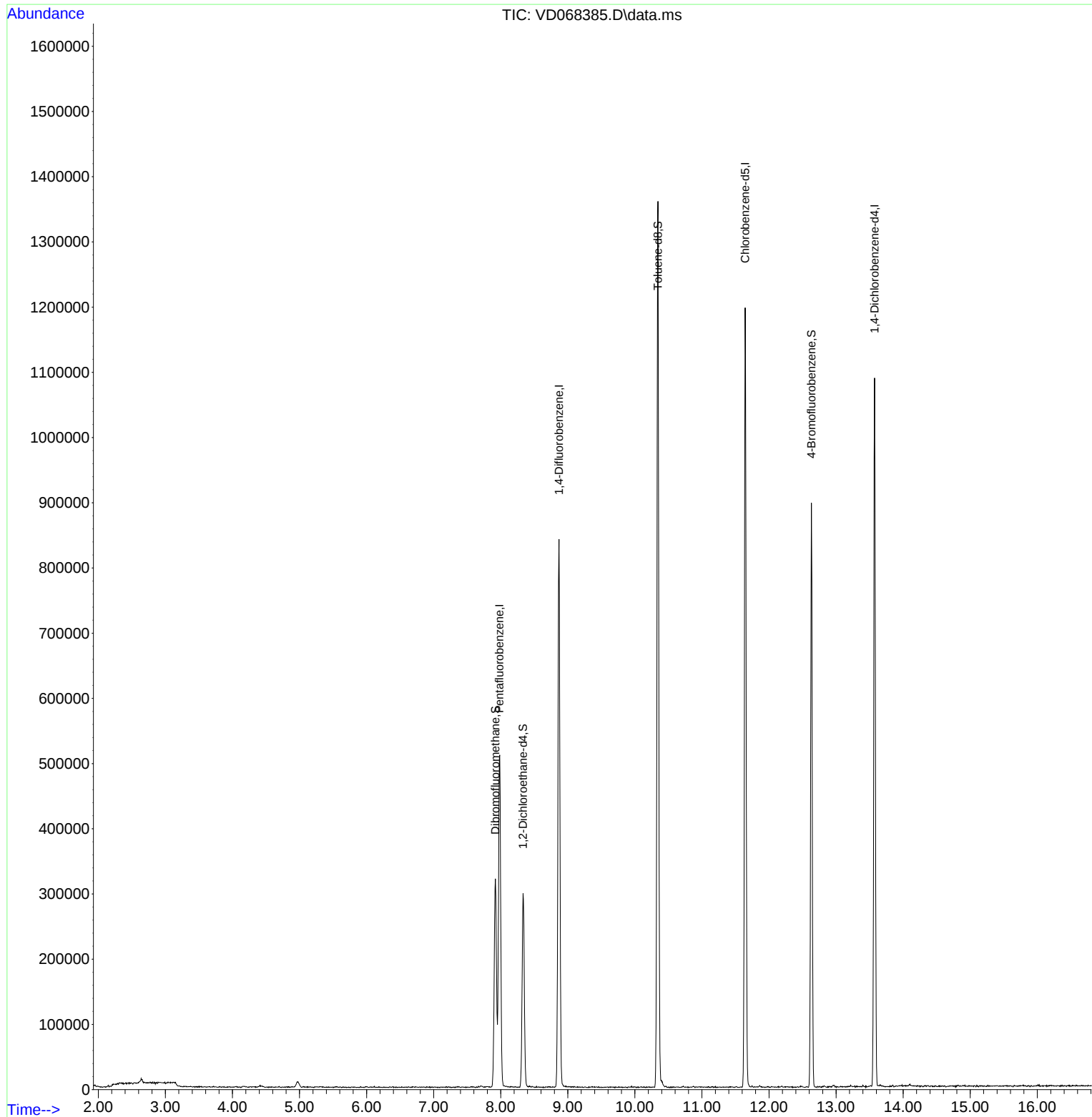
Target Compounds	Qvalue

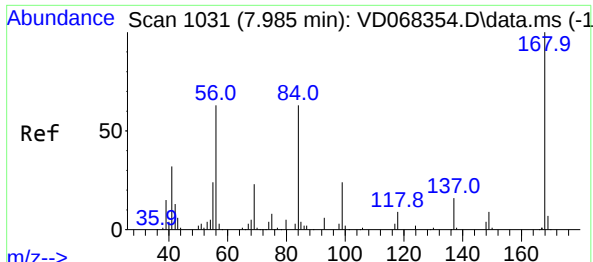
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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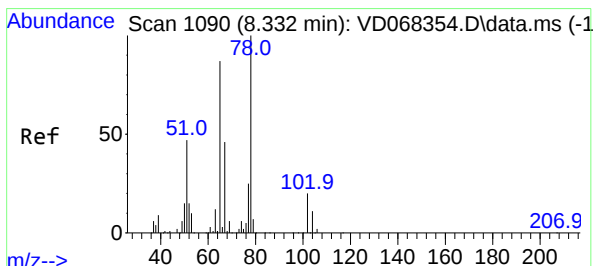
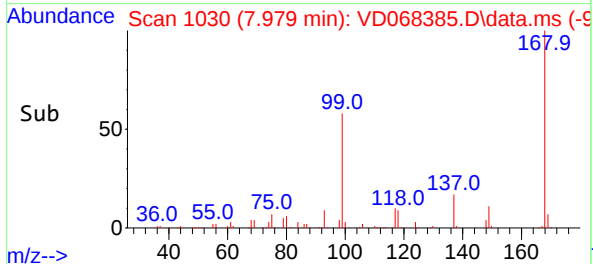
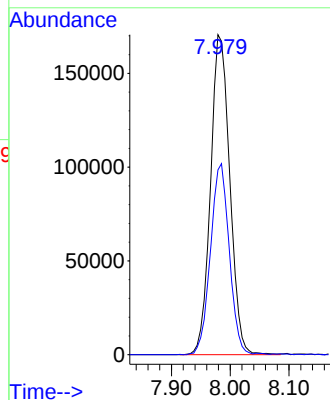
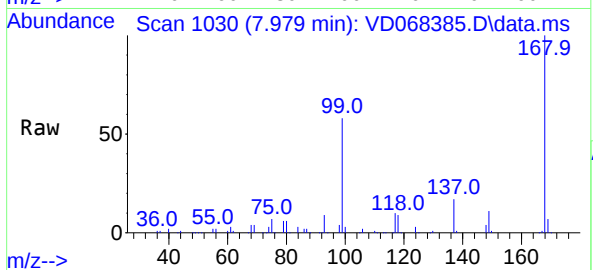




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

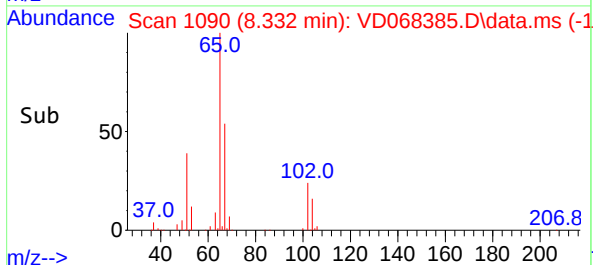
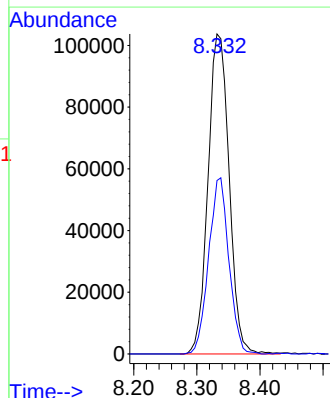
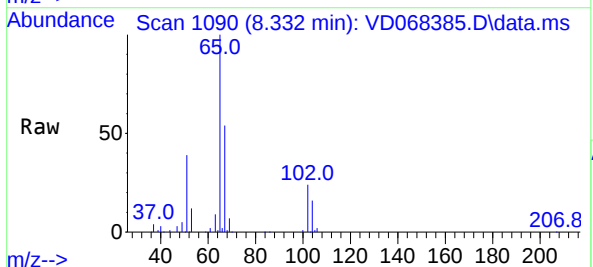
Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-A

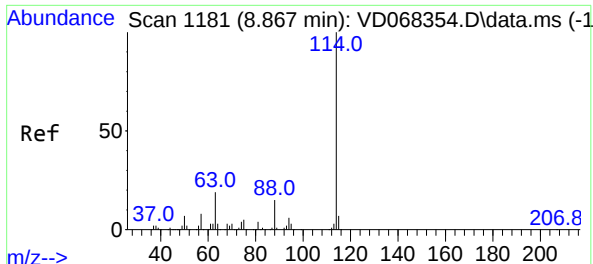
Tgt Ion:168 Resp: 388372
Ion Ratio Lower Upper
168 100
99 57.6 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 60.61 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion: 65 Resp: 240647
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0





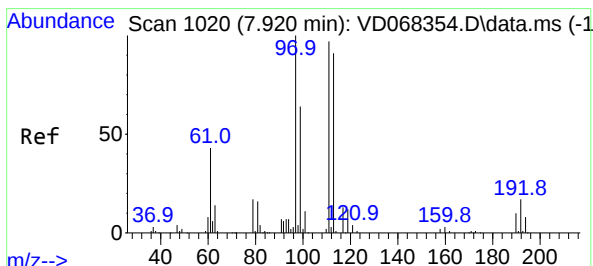
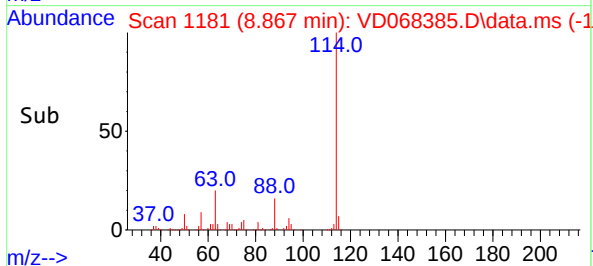
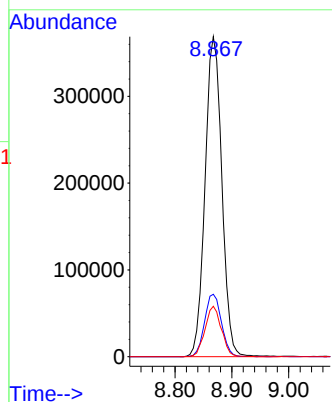
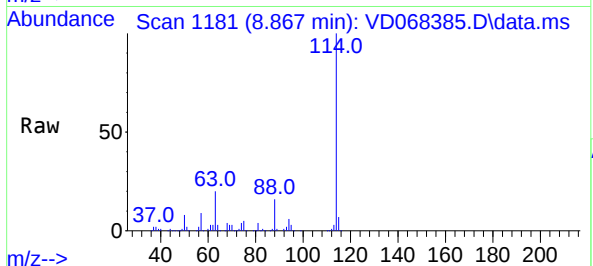
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-A

Tgt Ion:114 Resp: 754360

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	34.8
88	15.7	0.0	31.6

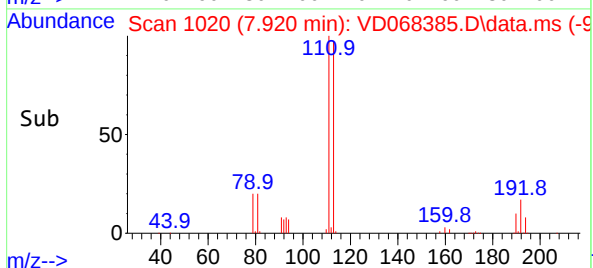
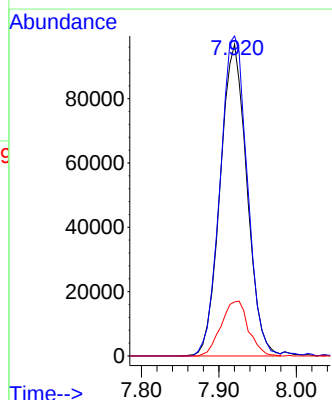
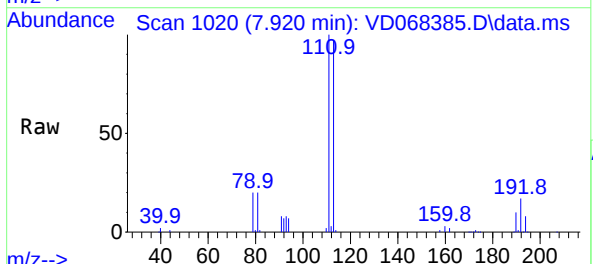


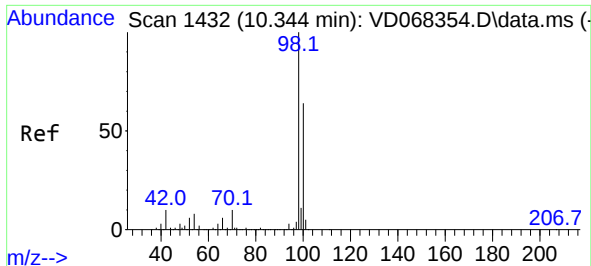
#35

Dibromofluoromethane
Concen: 51.88 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion:113 Resp: 232294

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.4	122.0
192	18.0	16.1	24.1

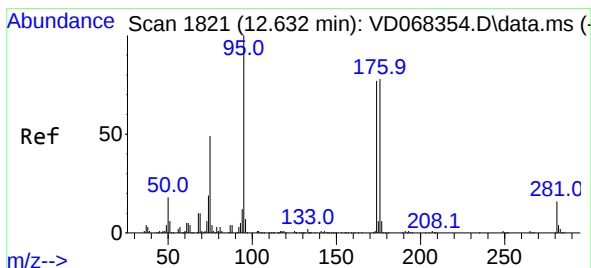
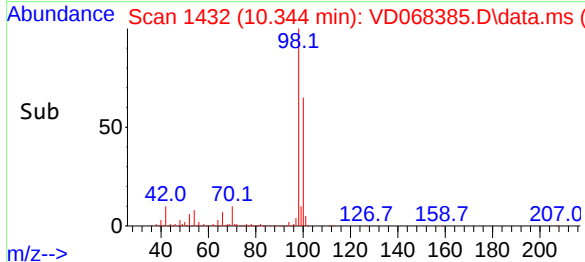
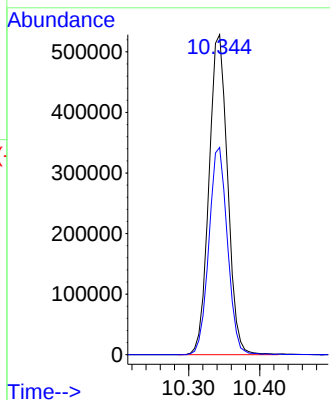
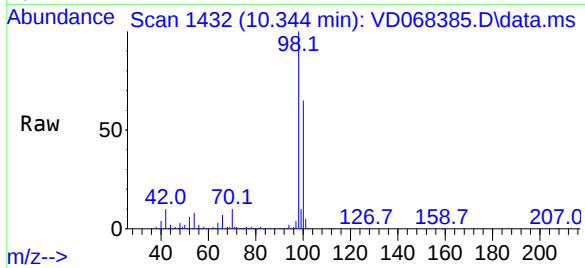




#50
Toluene-d8
Concen: 51.83 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

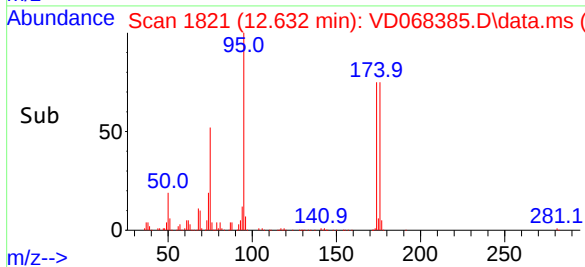
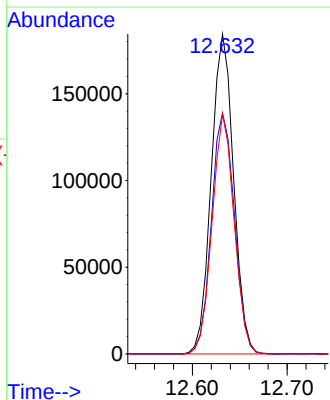
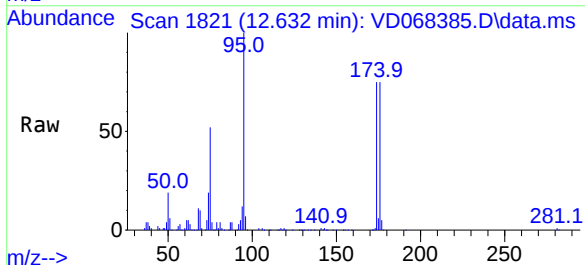
Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-A

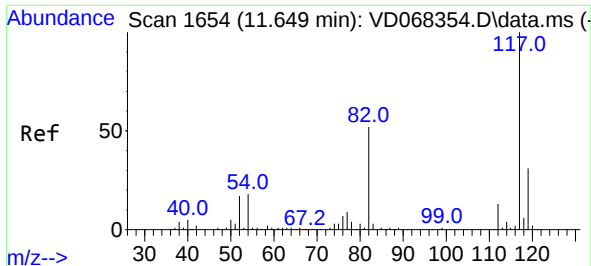
Tgt Ion: 98 Resp: 961878
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion: 95 Resp: 302634
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 73.9 0.0 168.4

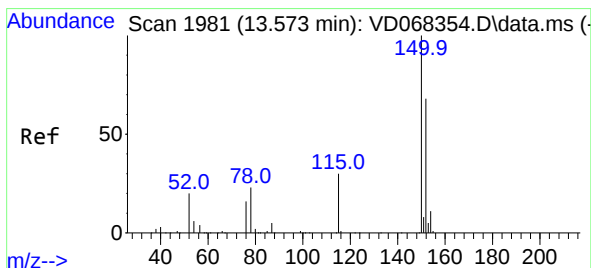
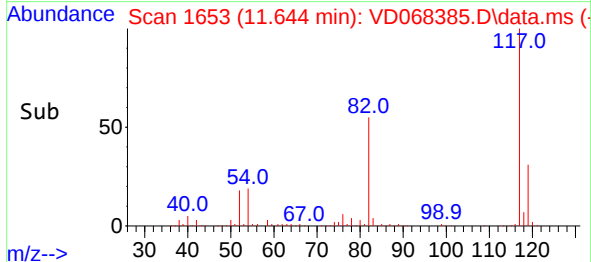
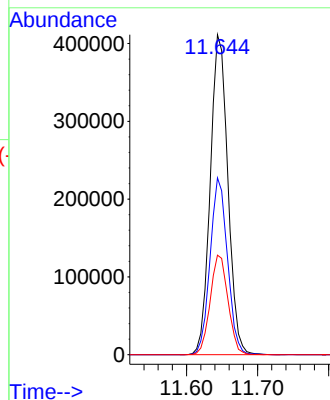
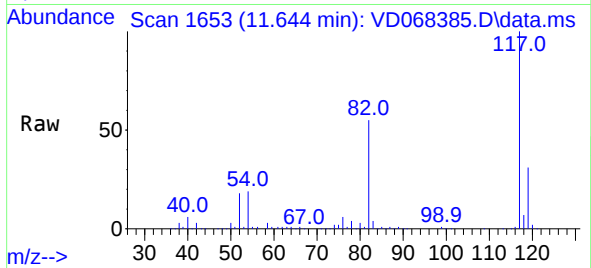




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-A

Tgt Ion:117 Resp: 707764
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.0
119 31.1 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: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion:152 Resp: 294297
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 158.4 0.0 344.4

