

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068267.D
 Acq On : 03 Feb 2021 17:17
 Operator : VA/SY
 Sample : M1292-11
 Misc : 5.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-009-0510

Quant Time: Feb 03 23:43:41 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	415686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	767579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	685914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	301346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	234753	59.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.06%
35) Dibromofluoromethane	7.914	113	230444	54.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.60%
50) Toluene-d8	10.344	98	952050	56.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.18%
62) 4-Bromofluorobenzene	12.632	95	309062	50.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.12%

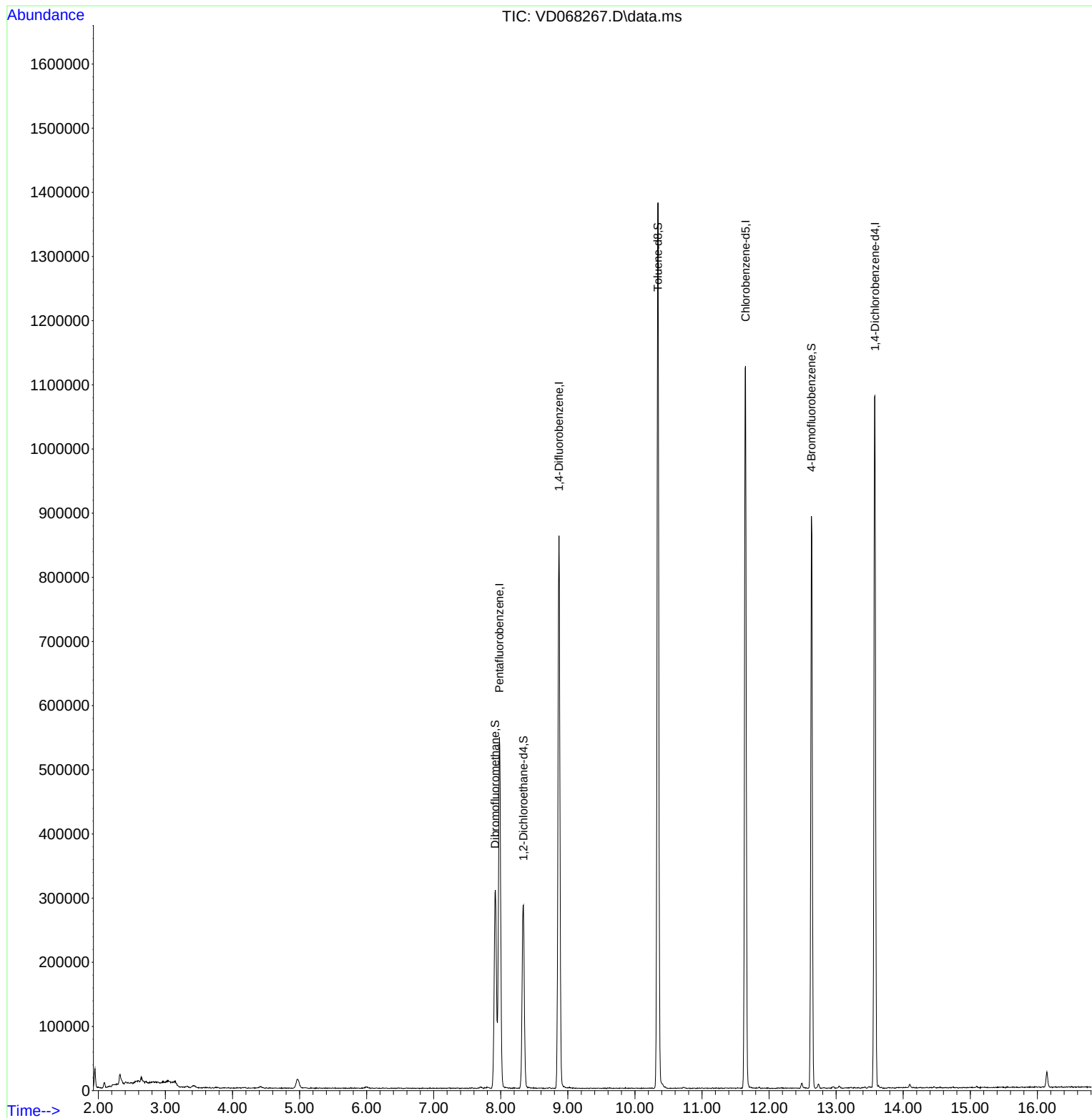
Target Compounds	Qvalue
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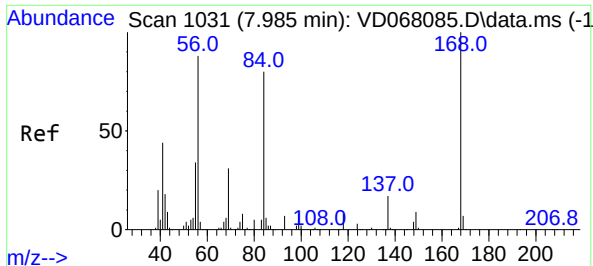
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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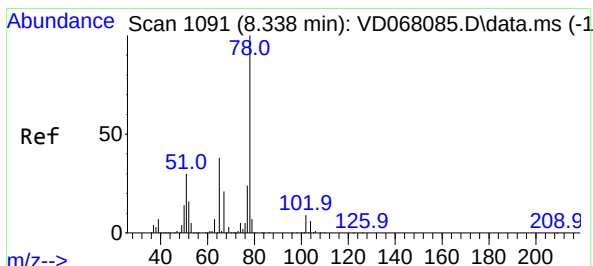
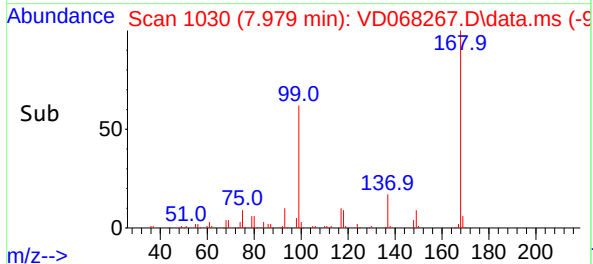
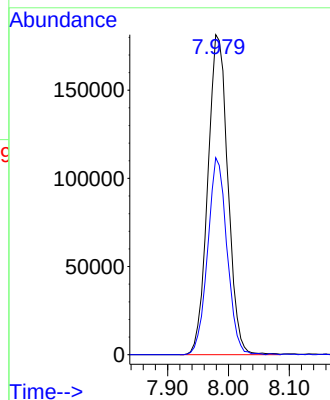
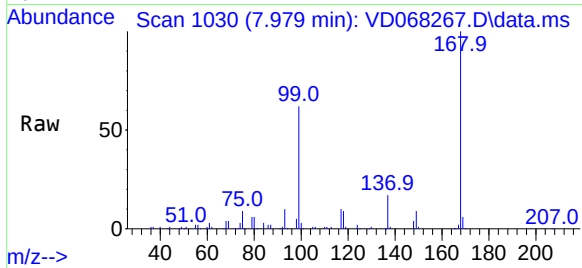




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

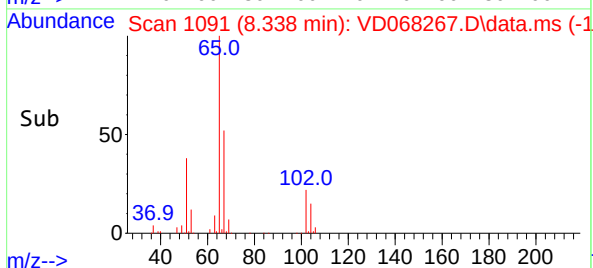
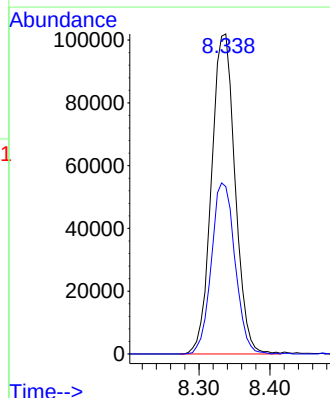
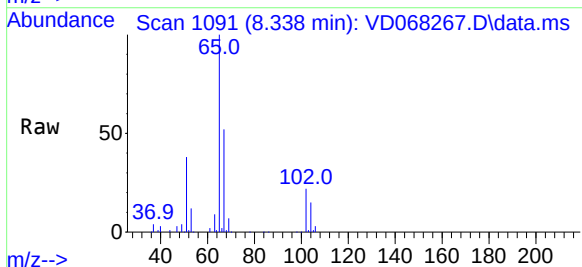
Instrument :
MSVOA_D
ClientSampleId :
OU421-009-0510

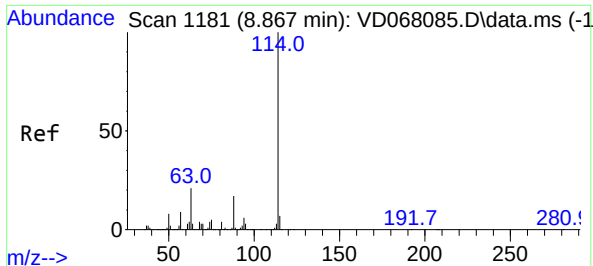
Tgt Ion:168 Resp: 415686
Ion Ratio Lower Upper
168 100
99 61.5 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 59.03 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Tgt Ion: 65 Resp: 234753
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0





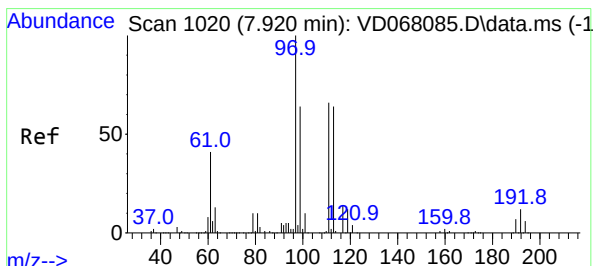
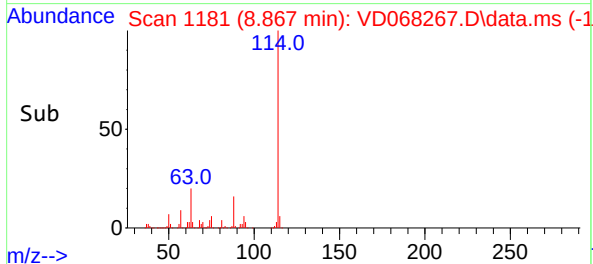
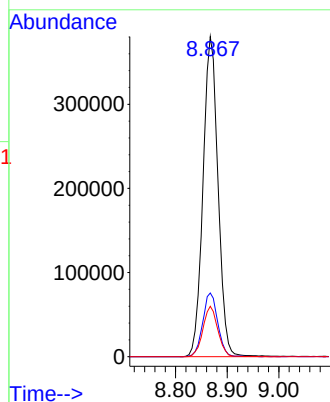
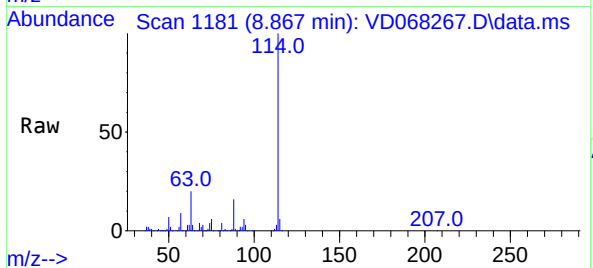
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Instrument :
MSVOA_D
ClientSampleId :
OU421-009-0510

Tgt Ion:114 Resp: 767579

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	34.8
88	15.7	0.0	31.6

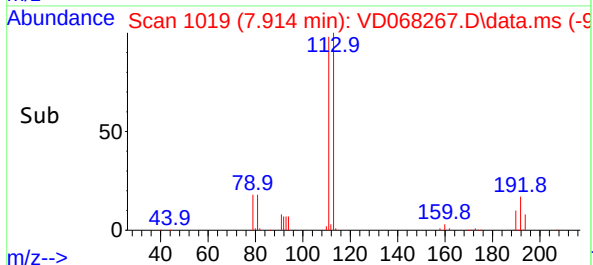
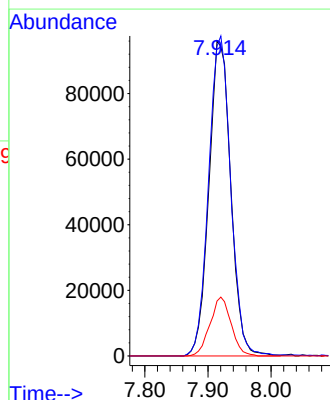
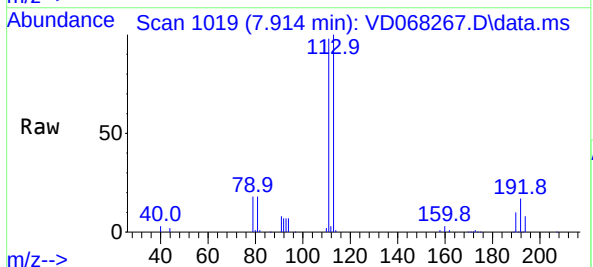


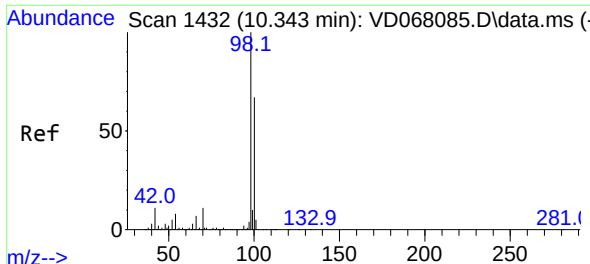
#35

Dibromofluoromethane
Concen: 54.30 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Tgt Ion:113 Resp: 230444

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	18.1	16.1	24.1

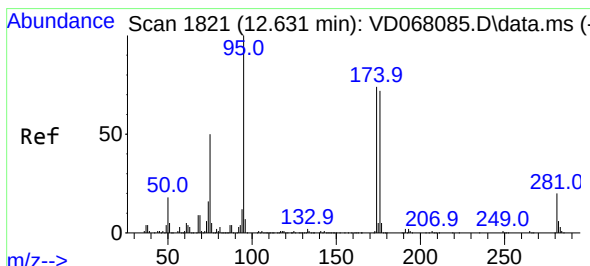
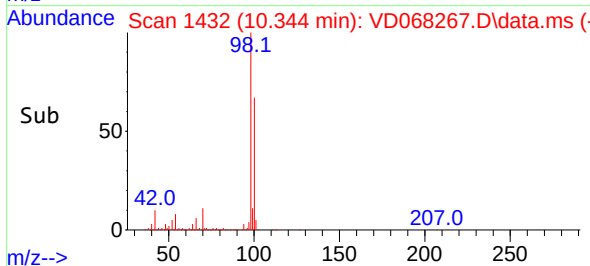
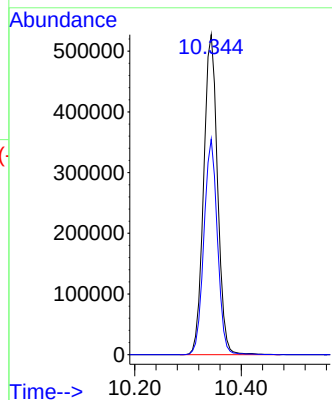
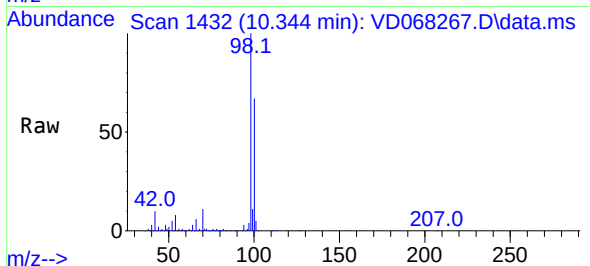




#50
Toluene-d8
Concen: 56.09 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

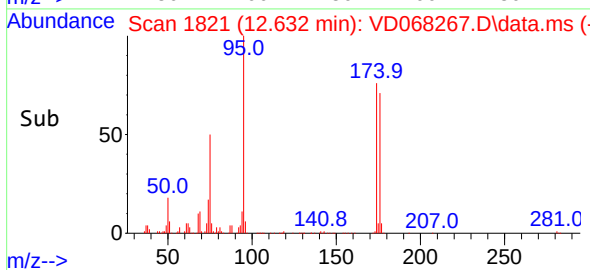
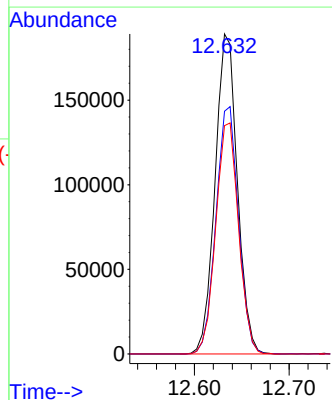
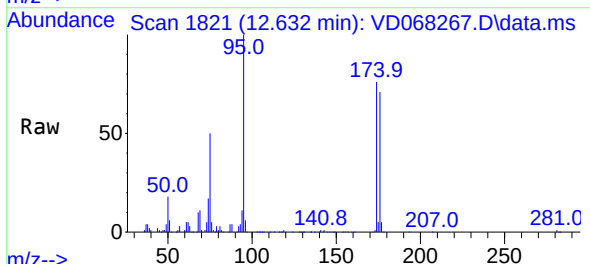
Instrument :
MSVOA_D
ClientSampleId :
OU421-009-0510

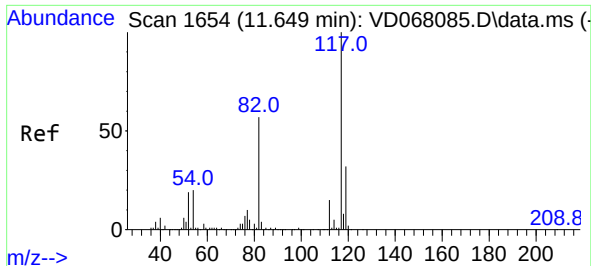
Tgt Ion: 98 Resp: 952050
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Tgt Ion: 95 Resp: 309062
Ion Ratio Lower Upper
95 100
174 78.1 0.0 172.4
176 73.9 0.0 168.4



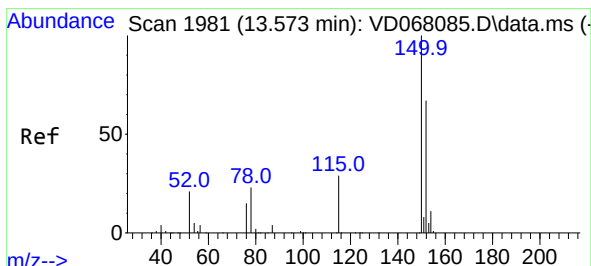
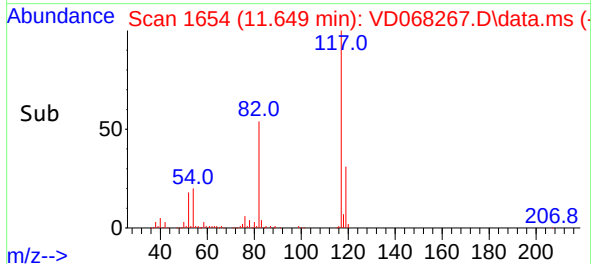
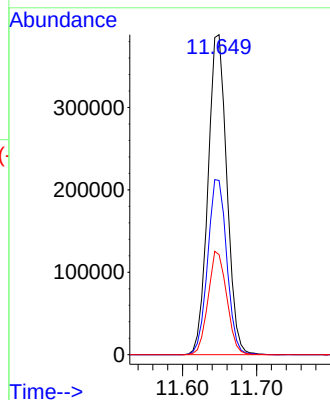
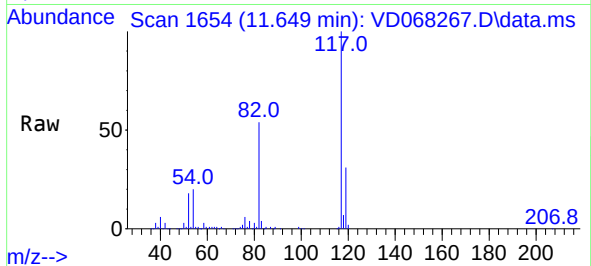


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Instrument :
MSVOA_D
ClientSampleId :
OU421-009-0510

Tgt Ion:117 Resp: 685914

Ion	Ratio	Lower	Upper
117	100		
82	54.5	41.4	62.0
119	31.3	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Tgt Ion:152 Resp: 301346

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.8
150	157.0	0.0	344.4

