

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068387.D
 Acq On : 17 Feb 2021 17:08
 Operator : VA/SY
 Sample : M1441-01
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-234-A

Quant Time: Feb 18 00:13:59 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	7.985	168	382454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	748046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	701983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	306168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	233249	59.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.32%
35) Dibromofluoromethane	7.920	113	232995	52.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.94%
50) Toluene-d8	10.344	98	952702	51.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.54%
62) 4-Bromofluorobenzene	12.632	95	299237	49.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.84%

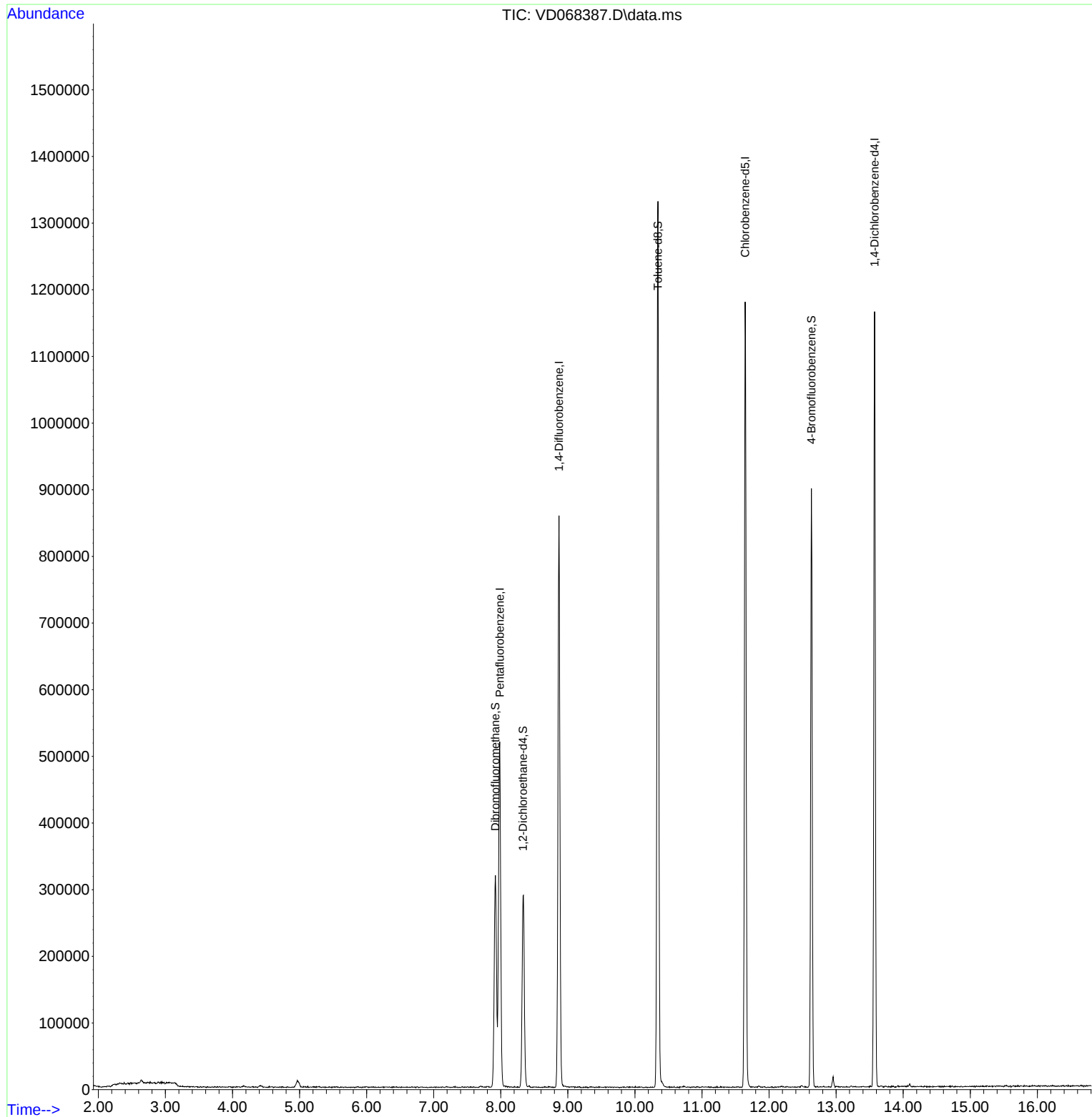
Target Compounds	Qvalue

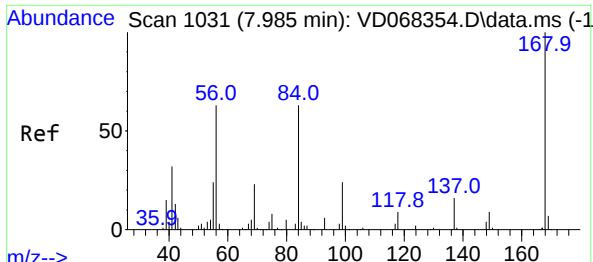
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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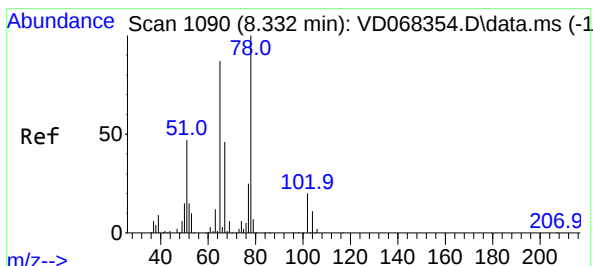
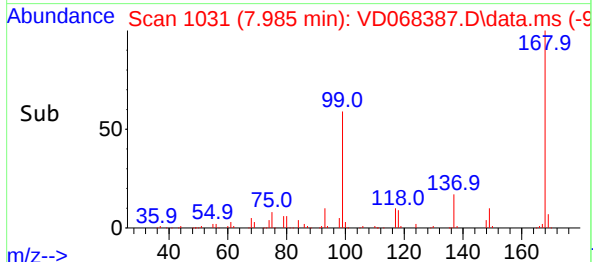
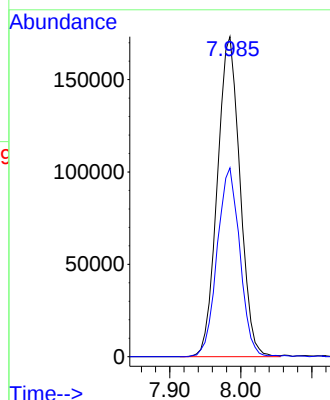
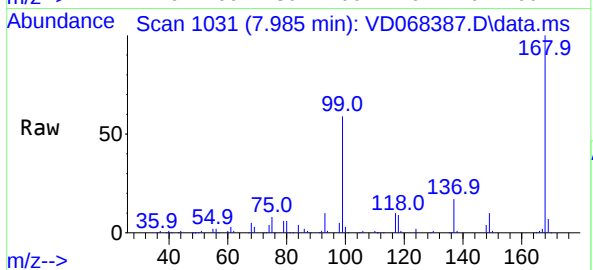




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

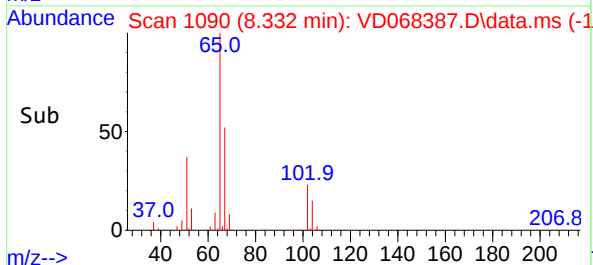
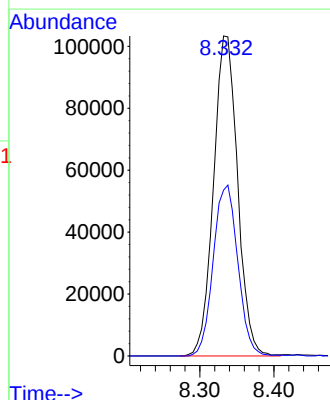
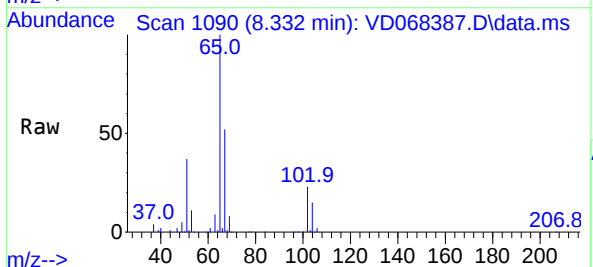
Instrument :
MSVOA_D
ClientSampleId :
SP-234-A

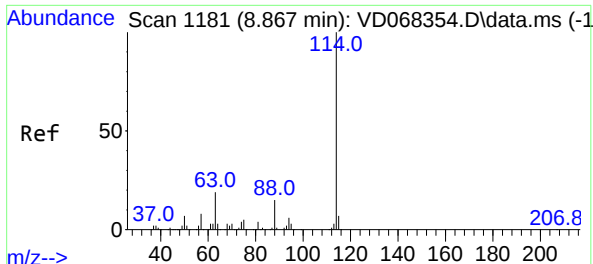
Tgt Ion:168 Resp: 382454
Ion Ratio Lower Upper
168 100
99 59.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 59.66 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Tgt Ion: 65 Resp: 233249
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0





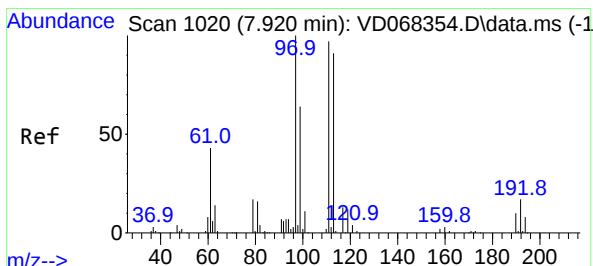
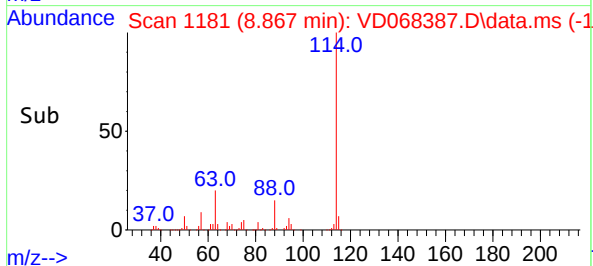
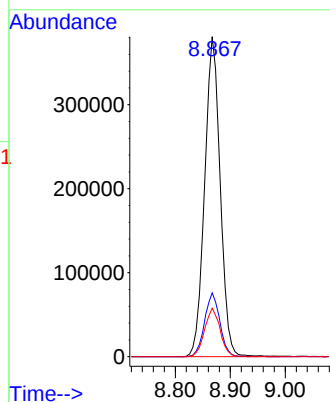
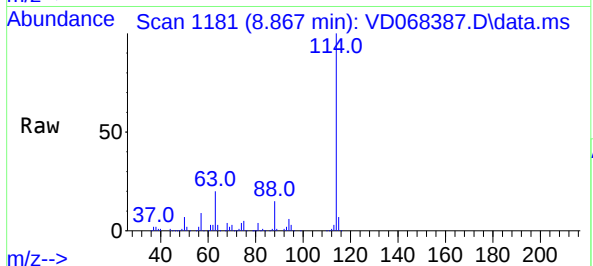
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Instrument :
MSVOA_D
ClientSampled :
SP-234-A

Tgt Ion:114 Resp: 748046

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	34.8
88	15.1	0.0	31.6

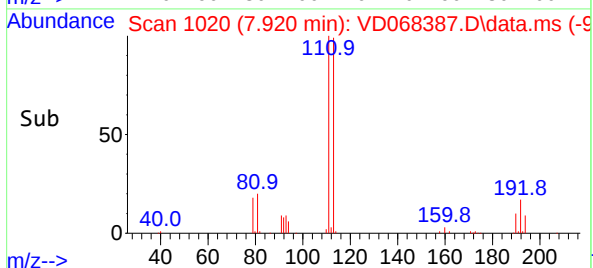
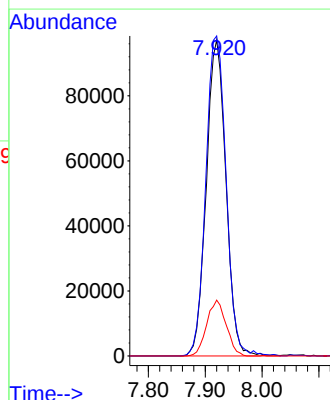
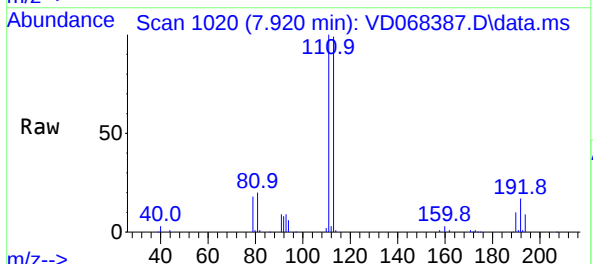


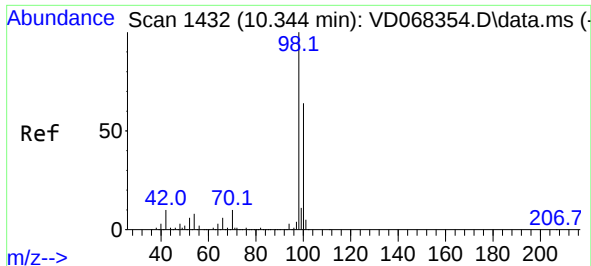
#35

Dibromofluoromethane
Concen: 52.47 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Tgt Ion:113 Resp: 232995

Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.0
192	17.5	16.1	24.1

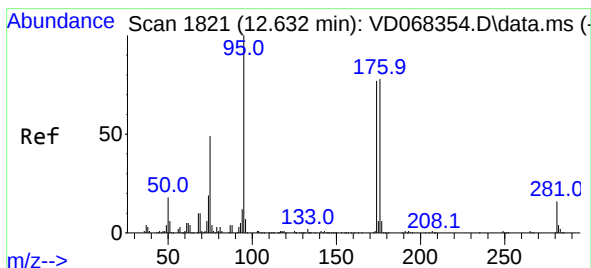
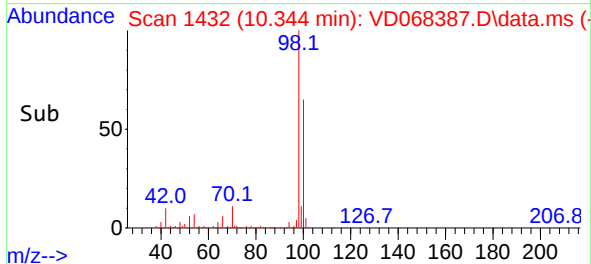
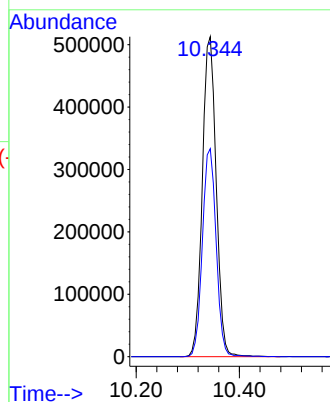
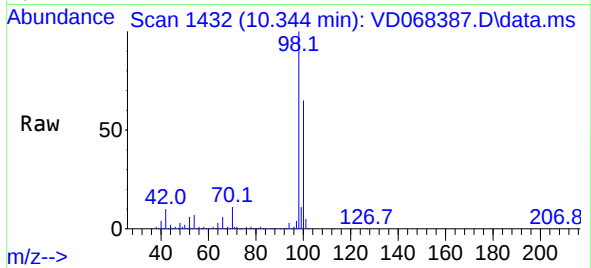




#50
Toluene-d8
Concen: 51.77 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

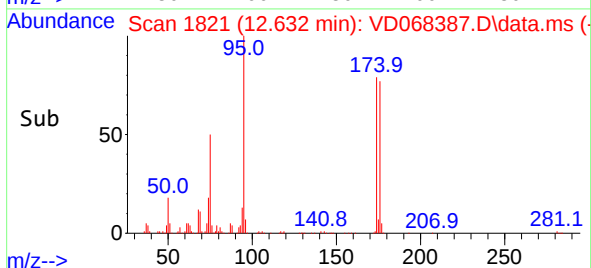
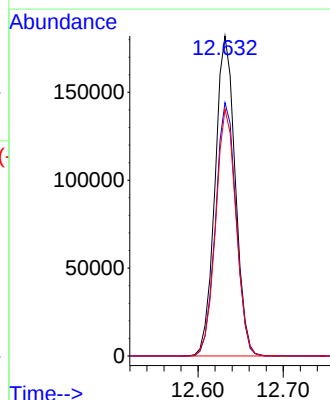
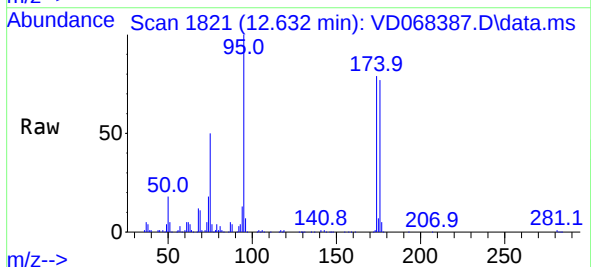
Instrument :
MSVOA_D
ClientSampleId :
SP-234-A

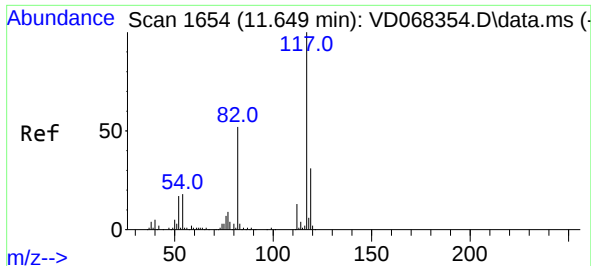
Tgt Ion: 98 Resp: 952702
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Tgt Ion: 95 Resp: 299237
Ion Ratio Lower Upper
95 100
174 80.2 0.0 172.4
176 77.7 0.0 168.4

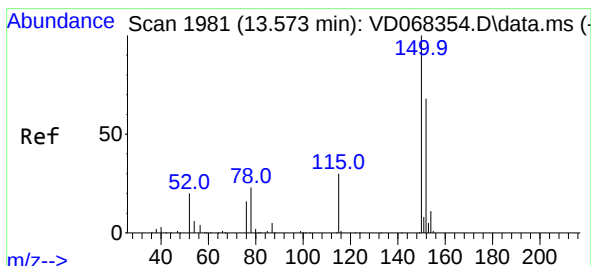
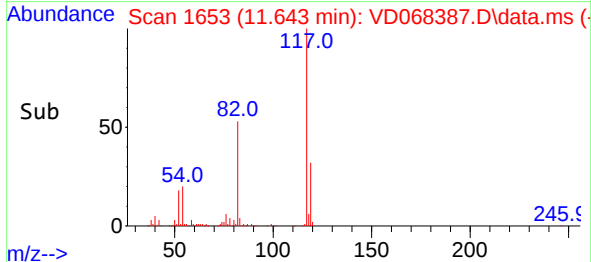
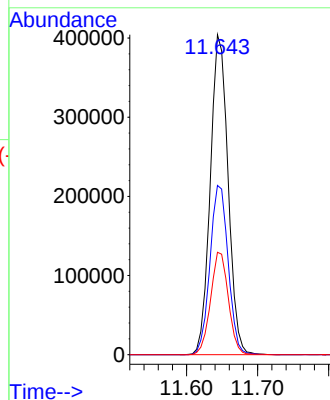
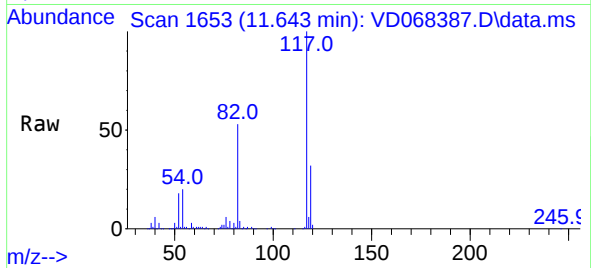




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068387.D
Acq: 17 Feb 2021 17:08

Instrument :
MSVOA_D
ClientSampleId :
SP-234-A

Tgt Ion:	117	Resp:	701983
Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.4	62.0
119	32.0	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: VD068387.D
Acq: 17 Feb 2021 17:08

Tgt Ion:	152	Resp:	306168
Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.9	86.8
150	158.4	0.0	344.4

