

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
 Data File : VD068368.D
 Acq On : 16 Feb 2021 10:57
 Operator : VA/SY
 Sample : VD0216SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0216SBL01

Quant Time: Feb 17 00:03:41 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	479929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	895784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	797688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	351522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	256541	52.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.58%
35) Dibromofluoromethane	7.914	113	263039	49.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.94%
50) Toluene-d8	10.344	98	1118021	50.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.46%
62) 4-Bromofluorobenzene	12.632	95	352616	49.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.24%

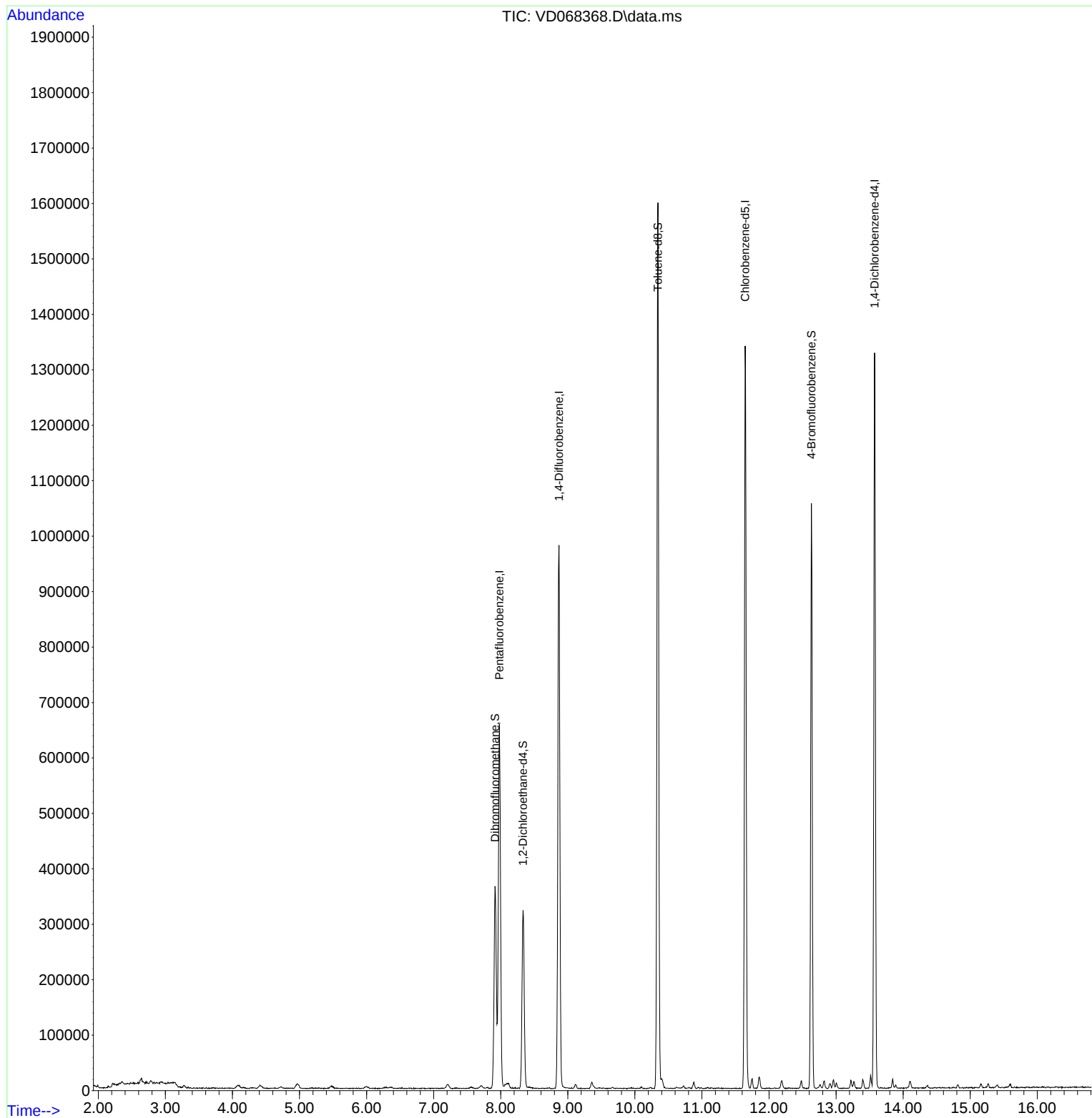
Target Compounds	Qvalue

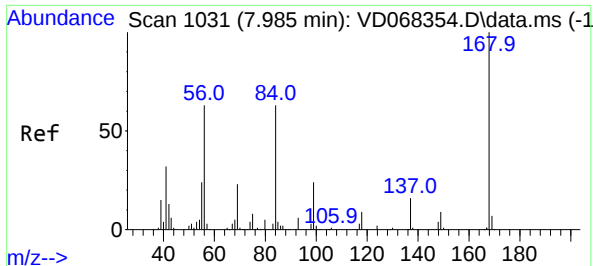
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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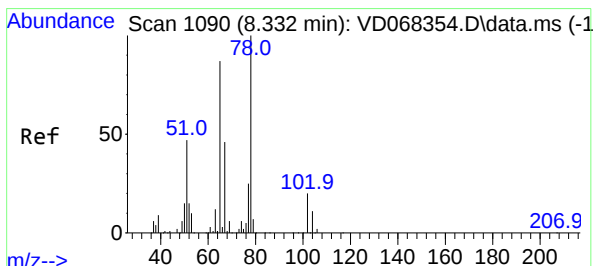
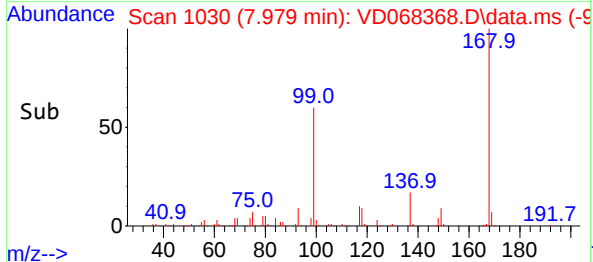
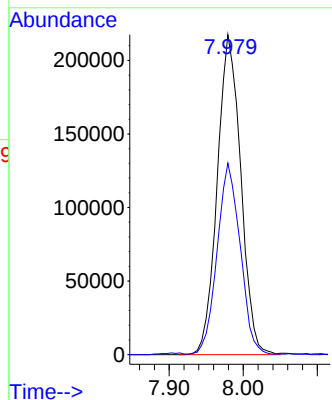
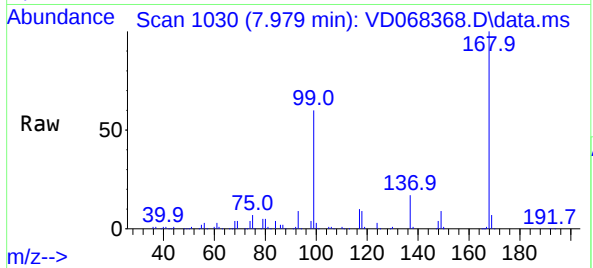




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068368.D
Acq: 16 Feb 2021 10:57

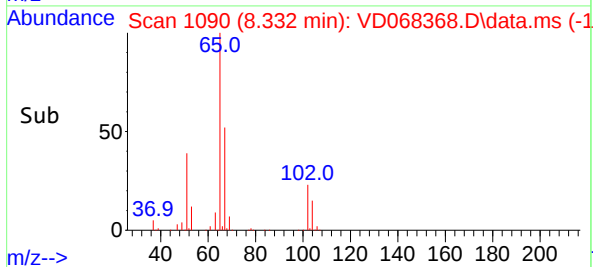
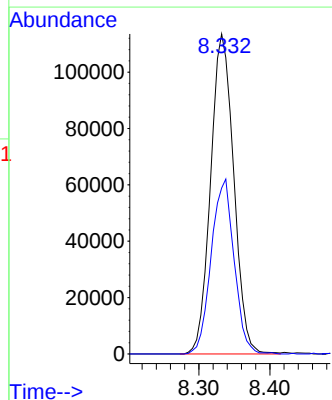
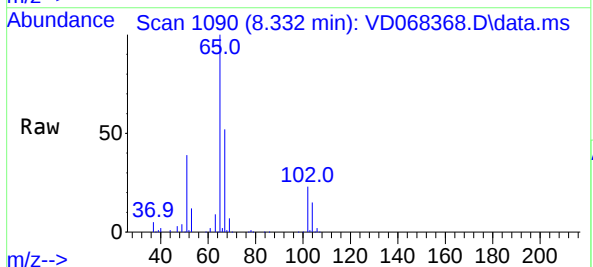
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

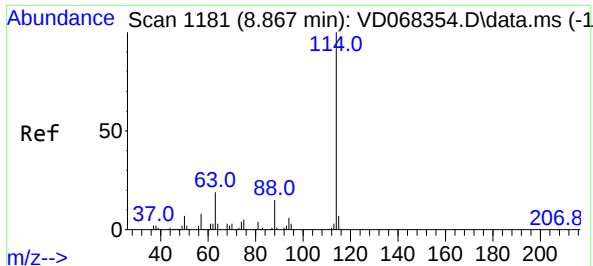
Tgt Ion:168 Resp: 479929
Ion Ratio Lower Upper
168 100
99 59.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.29 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068368.D
Acq: 16 Feb 2021 10:57

Tgt Ion: 65 Resp: 256541
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0





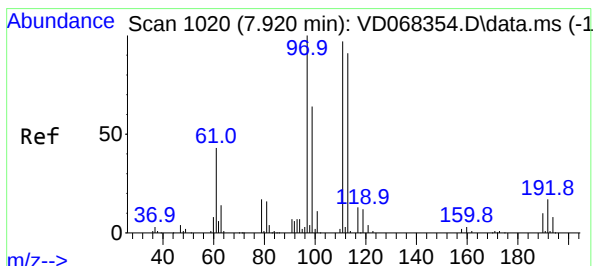
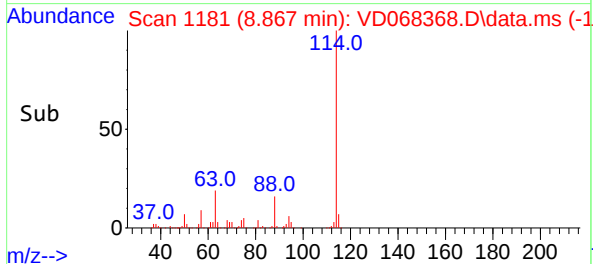
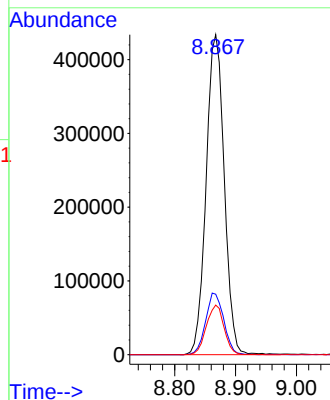
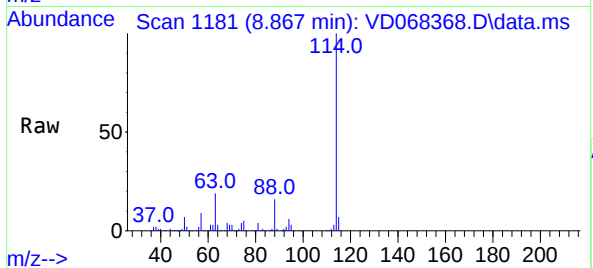
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068368.D
Acq: 16 Feb 2021 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

Tgt Ion:114 Resp: 895784

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	34.8
88	15.5	0.0	31.6

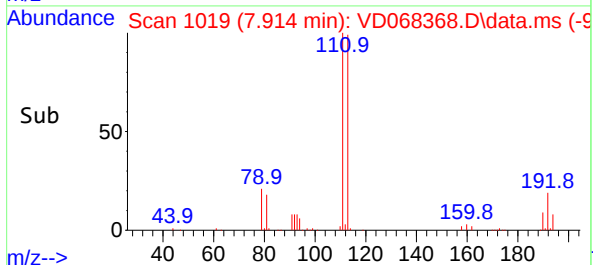
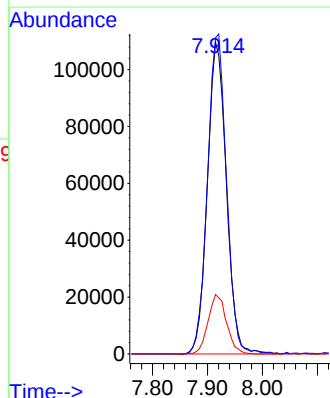
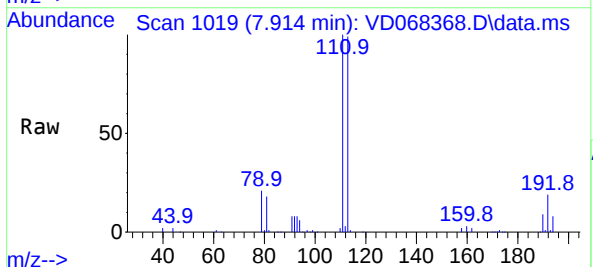


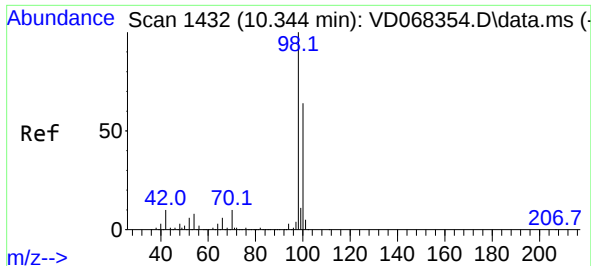
#35

Dibromofluoromethane
Concen: 49.47 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068368.D
Acq: 16 Feb 2021 10:57

Tgt Ion:113 Resp: 263039

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	18.5	16.1	24.1

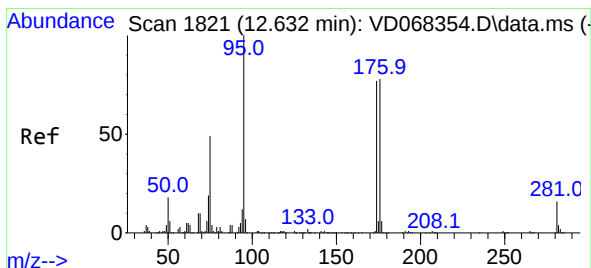
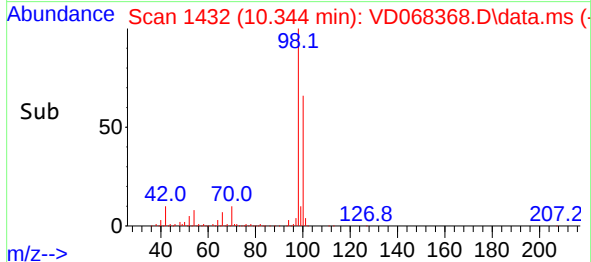
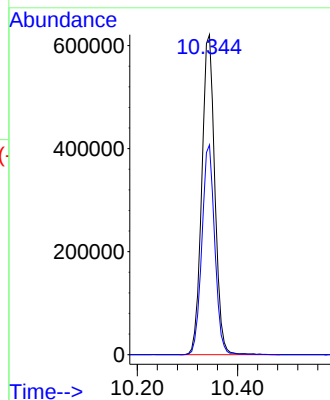
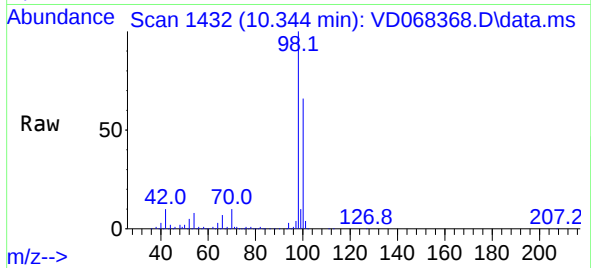




#50
Toluene-d8
Concen: 50.73 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068368.D
Acq: 16 Feb 2021 10:57

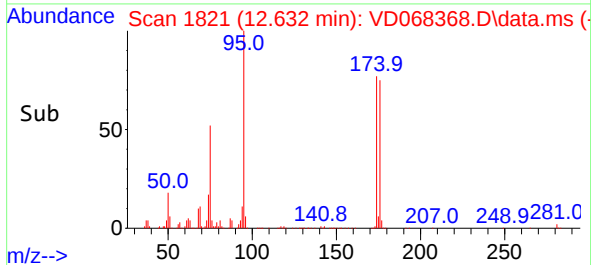
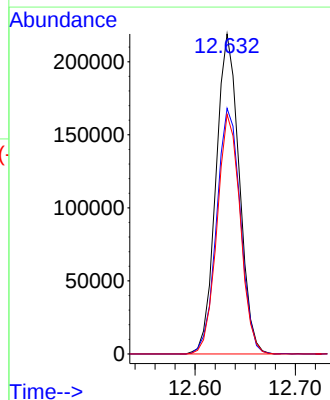
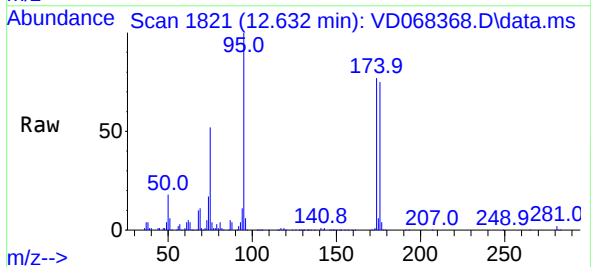
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

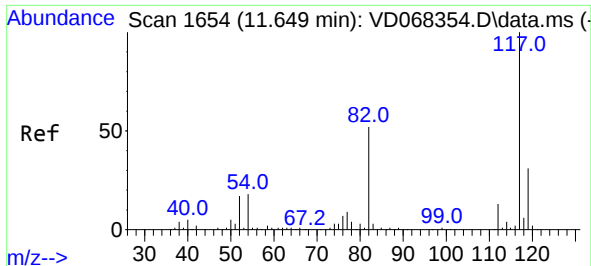
Tgt Ion: 98 Resp: 1118021
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068368.D
Acq: 16 Feb 2021 10:57

Tgt Ion: 95 Resp: 352616
Ion Ratio Lower Upper
95 100
174 78.7 0.0 172.4
176 74.5 0.0 168.4

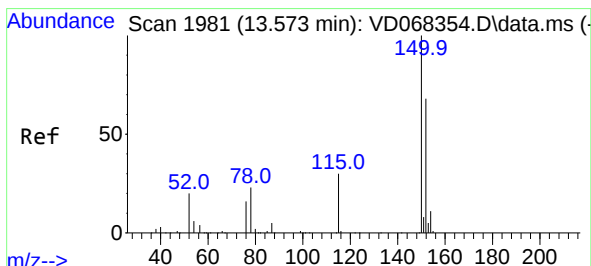
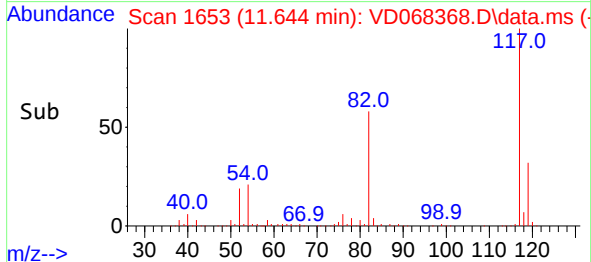
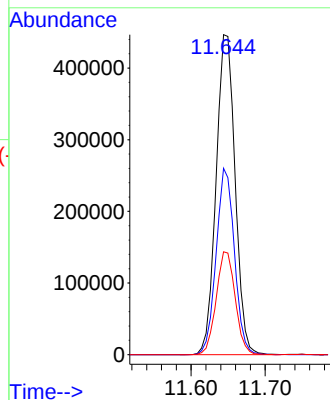
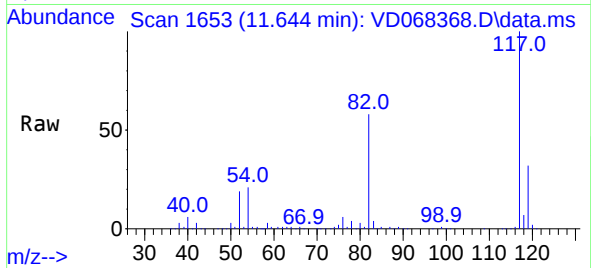




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068368.D
Acq: 16 Feb 2021 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

Tgt Ion:117 Resp: 797688
Ion Ratio Lower Upper
117 100
82 58.3 41.4 62.0
119 32.1 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: VD068368.D
Acq: 16 Feb 2021 10:57

Tgt Ion:152 Resp: 351522
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.8
150 158.4 0.0 344.4

