

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068388.D
 Acq On : 17 Feb 2021 17:35
 Operator : VA/SY
 Sample : M1441-02
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-234-B

Quant Time: Feb 18 00:14:14 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	380109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	737020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	686298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	296472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	227205	58.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.94%
35) Dibromofluoromethane	7.920	113	223449	51.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.16%
50) Toluene-d8	10.344	98	942607	51.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.96%
62) 4-Bromofluorobenzene	12.632	95	291098	49.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.56%

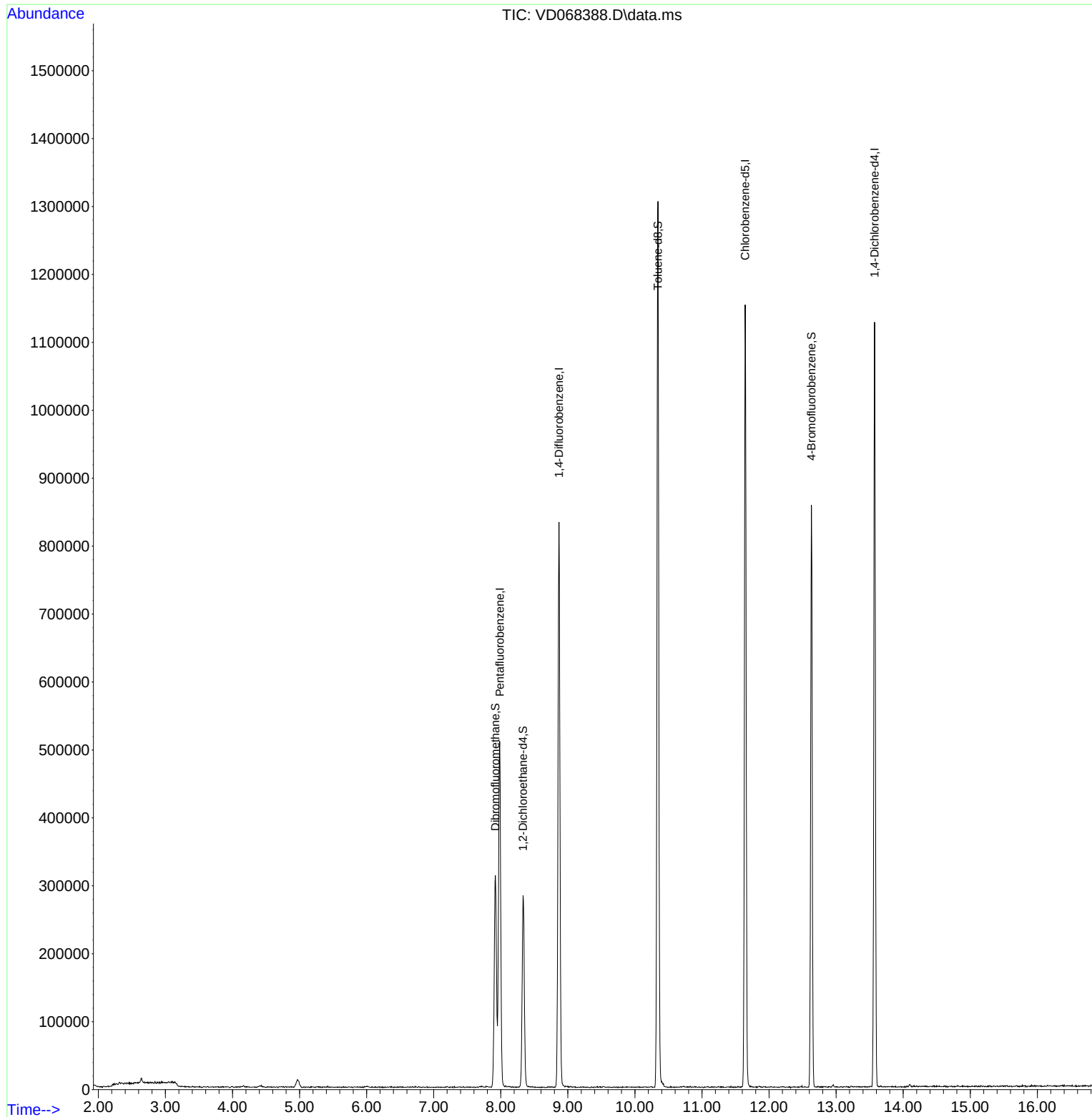
Target Compounds	Qvalue

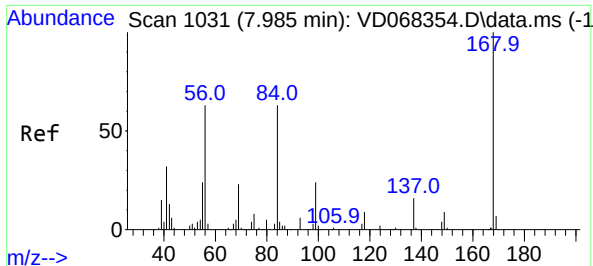
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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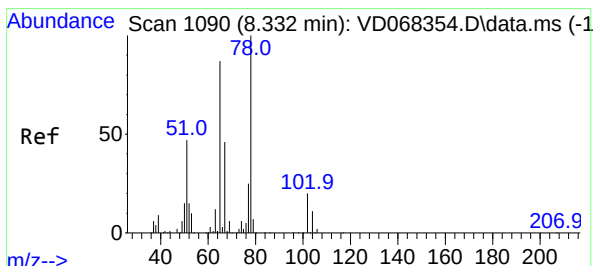
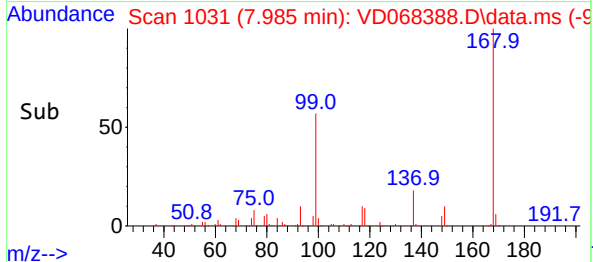
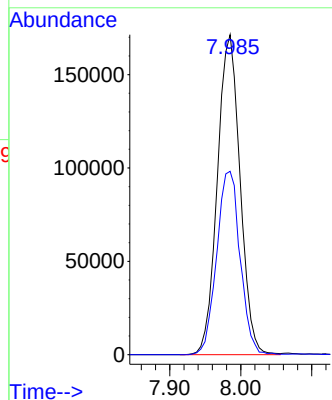
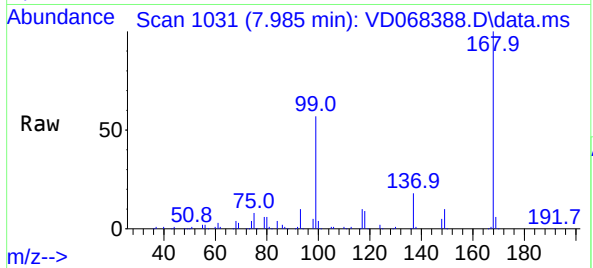




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

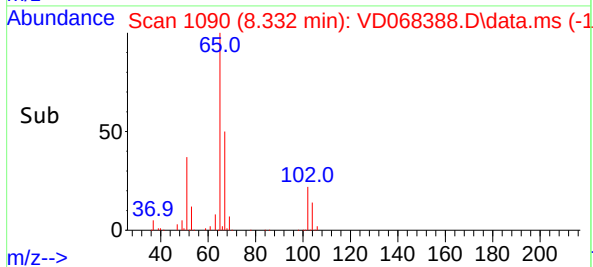
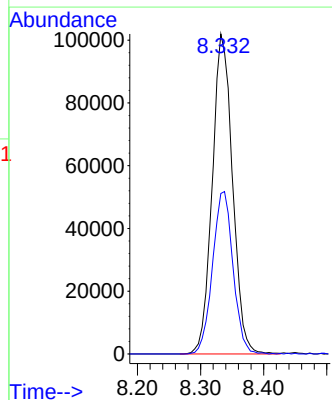
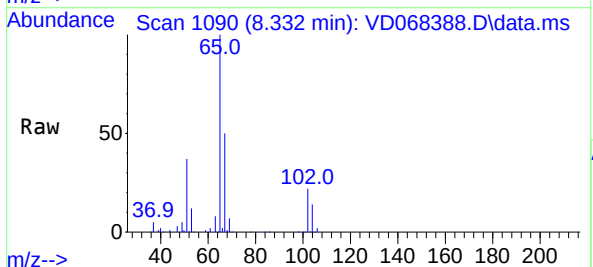
Instrument :
MSVOA_D
ClientSampled :
SP-234-B

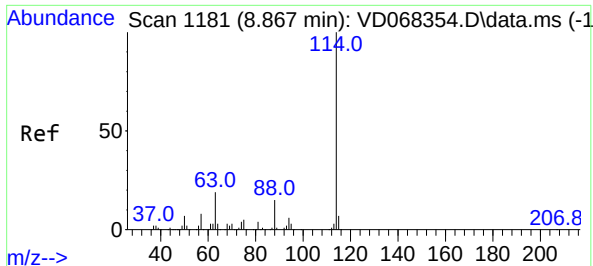
Tgt Ion:168 Resp: 380109
Ion Ratio Lower Upper
168 100
99 57.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 58.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion: 65 Resp: 227205
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.0





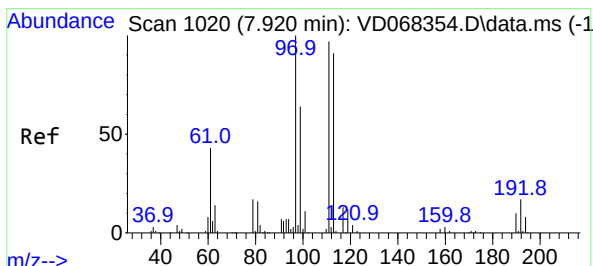
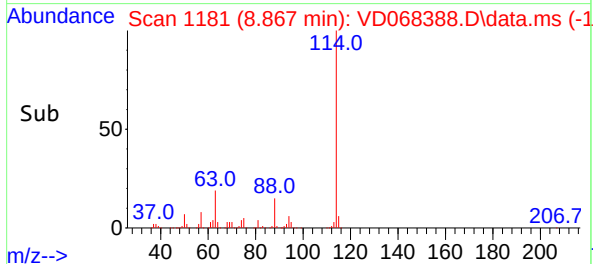
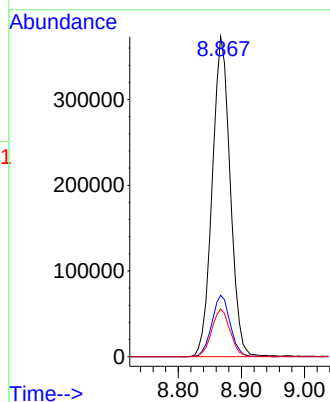
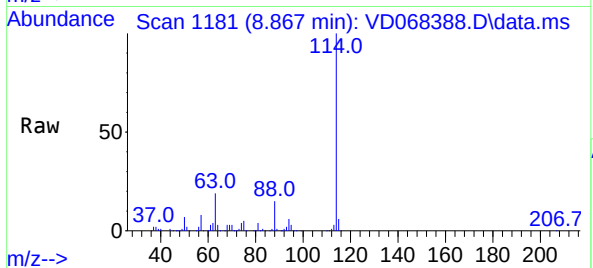
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Instrument :
MSVOA_D
ClientSampled :
SP-234-B

Tgt Ion:114 Resp: 737020

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	34.8
88	14.9	0.0	31.6

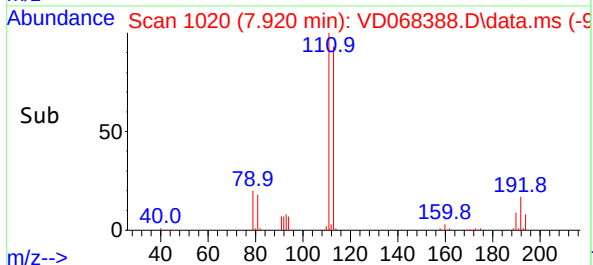
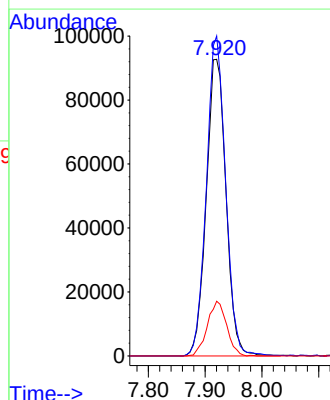
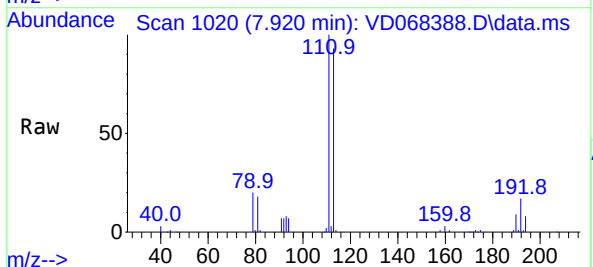


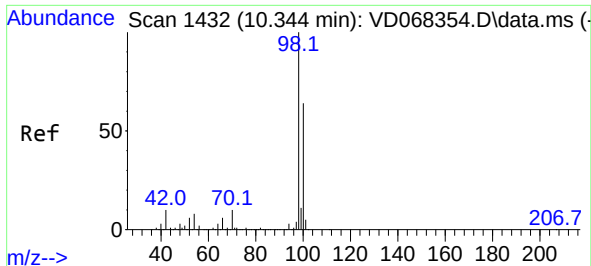
#35

Dibromofluoromethane
Concen: 51.08 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion:113 Resp: 223449

Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.4	122.0
192	18.0	16.1	24.1

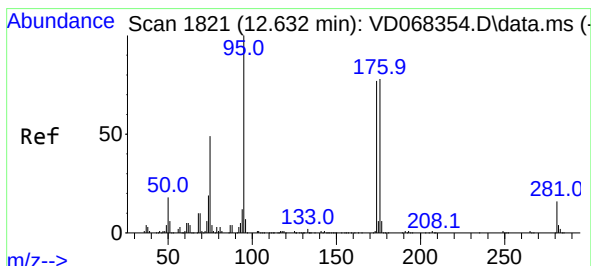
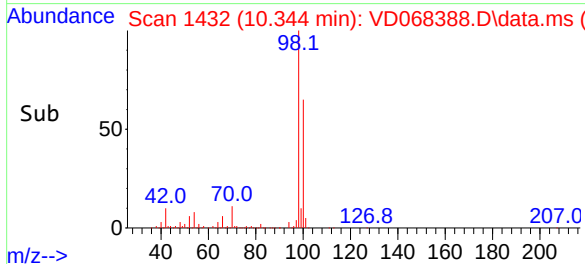
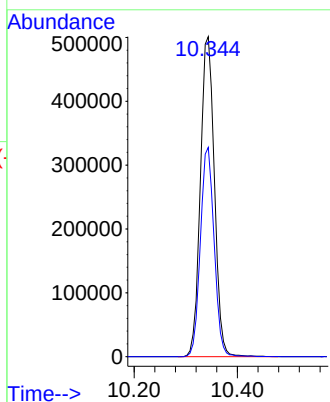
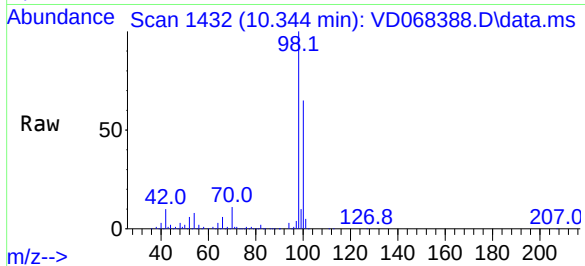




#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

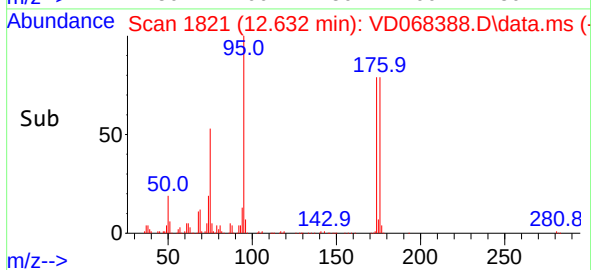
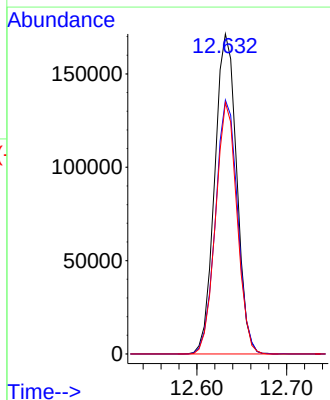
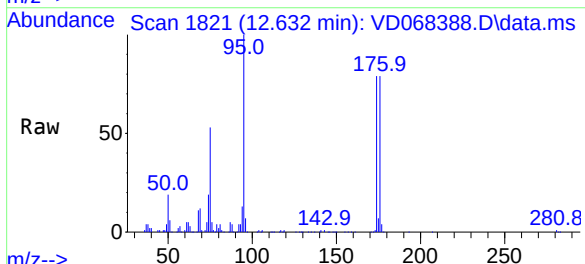
Instrument :
MSVOA_D
ClientSampled :
SP-234-B

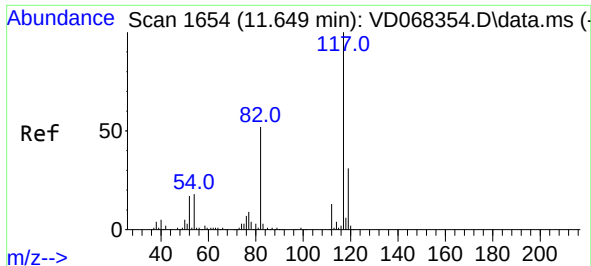
Tgt Ion: 98 Resp: 942607
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion: 95 Resp: 291098
Ion Ratio Lower Upper
95 100
174 79.6 0.0 172.4
176 76.6 0.0 168.4

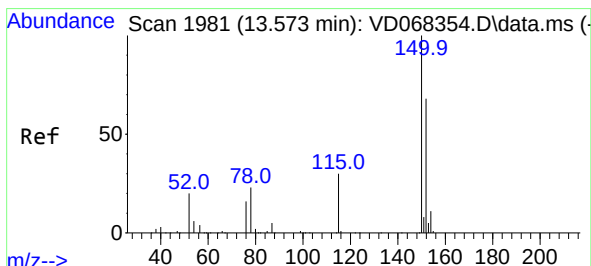
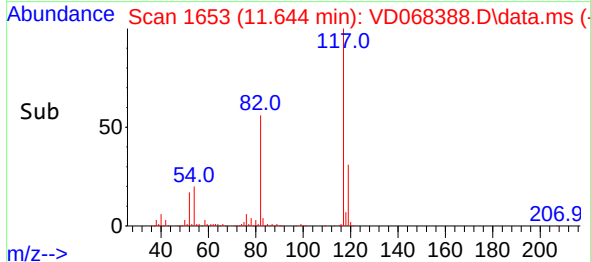
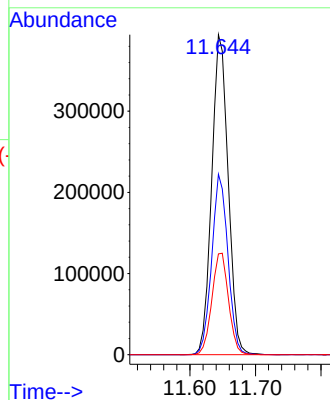
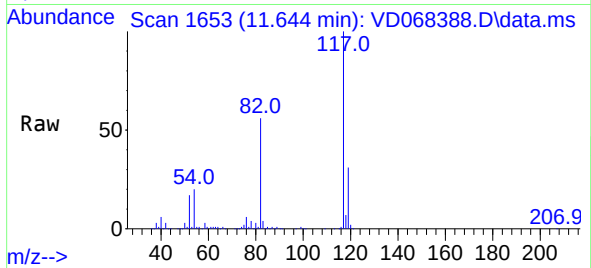




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Instrument :
MSVOA_D
ClientSampleId :
SP-234-B

Tgt Ion:	117	Resp:	686298
Ion	Ratio	Lower	Upper
117	100		
82	56.4	41.4	62.0
119	31.5	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: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion:	152	Resp:	296472
Ion	Ratio	Lower	Upper
152	100		
115	59.7	28.9	86.8
150	158.0	0.0	344.4

