

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068194.D
 Acq On : 26 Jan 2021 18:50
 Operator : VA/SY
 Sample : M1236-07
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PS1419LN

Quant Time: Jan 27 00:13:47 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	7.985	168	526255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	946214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	848304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	374978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	296280	58.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.70%
35) Dibromofluoromethane	7.920	113	282357	53.98	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.96%
50) Toluene-d8	10.344	98	1169725	55.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.80%
62) 4-Bromofluorobenzene	12.632	95	379690	50.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.78%

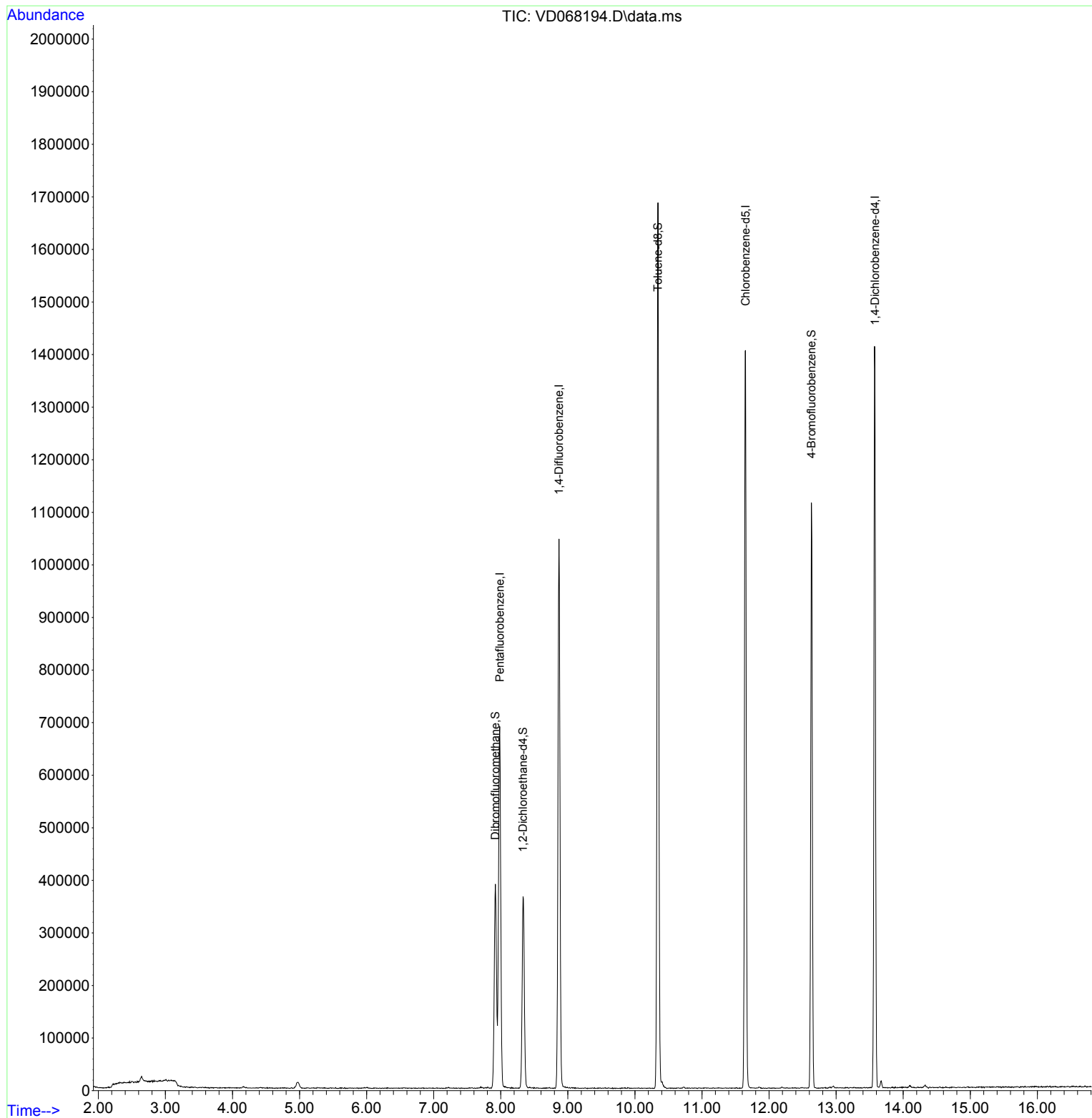
Target Compounds	Qvalue

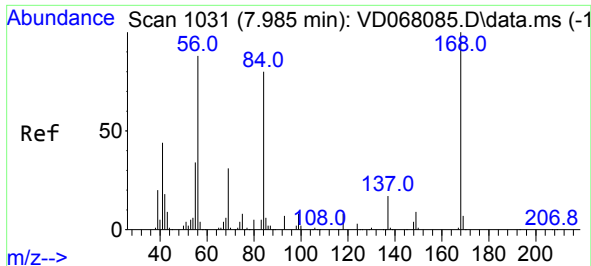
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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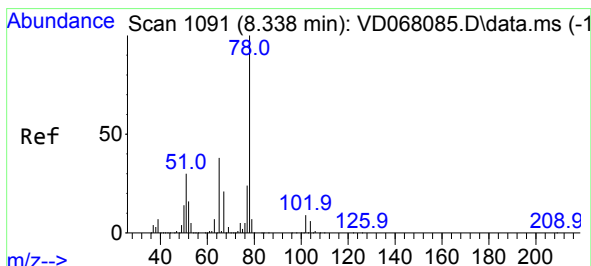
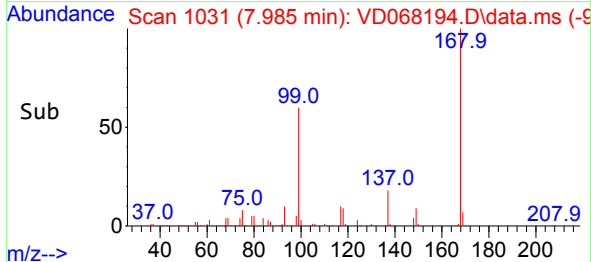
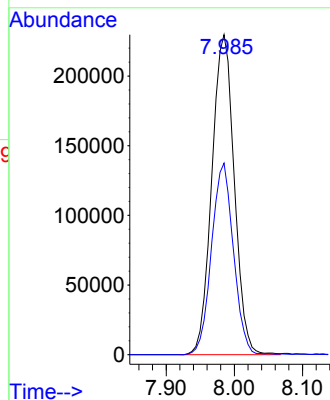
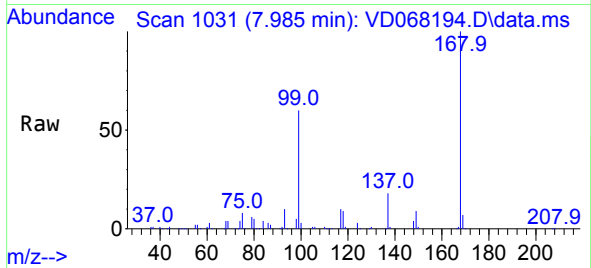




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068194.D
Acq: 26 Jan 2021 18:50

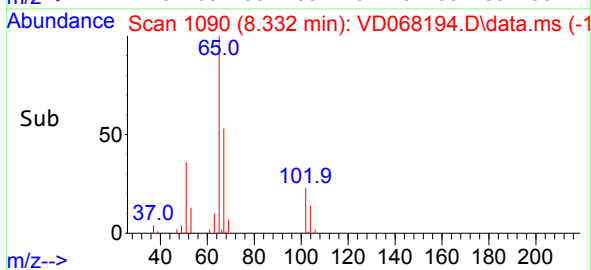
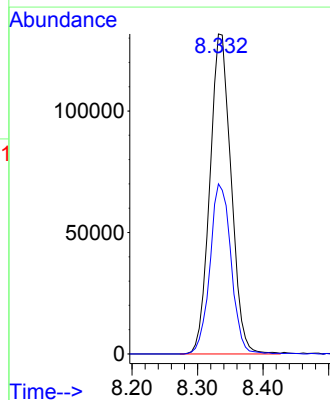
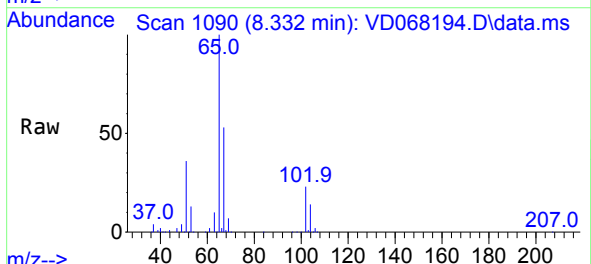
Instrument :
MSVOA_D
ClientSampleId :
PS1419LN

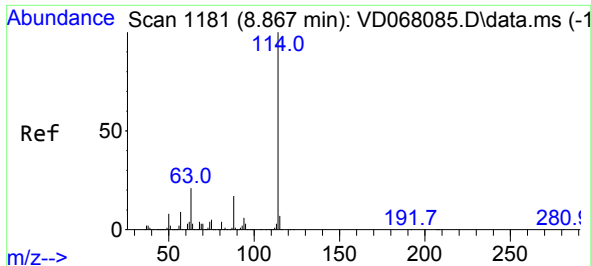
Tgt Ion:168 Resp: 526255
Ion Ratio Lower Upper
168 100
99 59.8 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 58.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068194.D
Acq: 26 Jan 2021 18:50

Tgt Ion: 65 Resp: 296280
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0

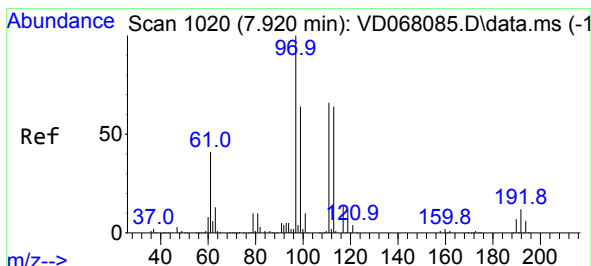
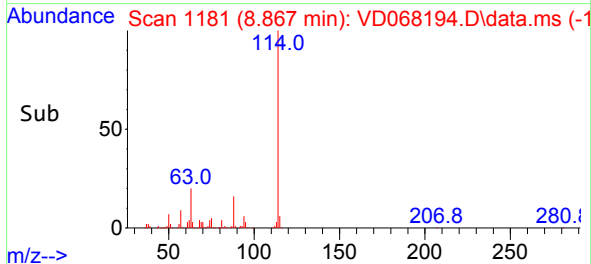
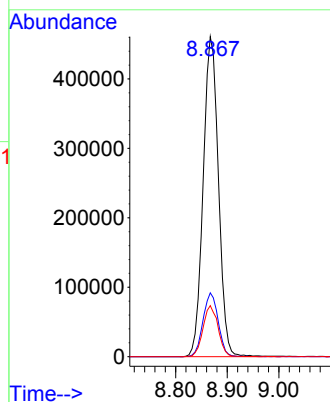
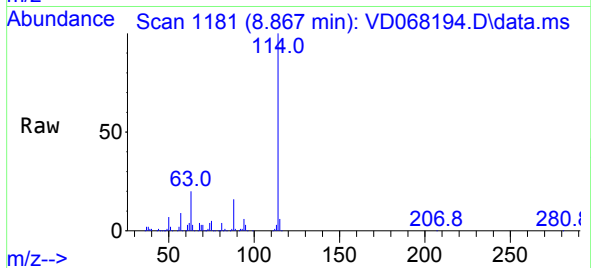




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068194.D
Acq: 26 Jan 2021 18:50

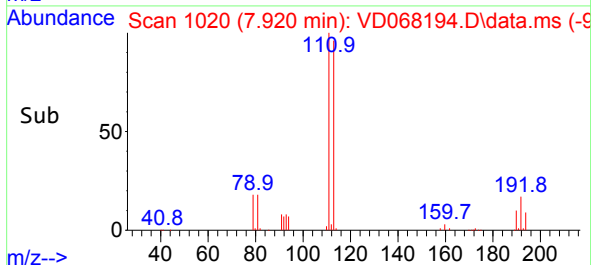
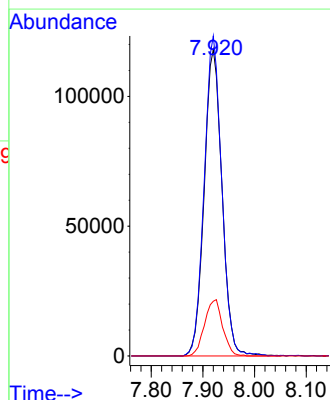
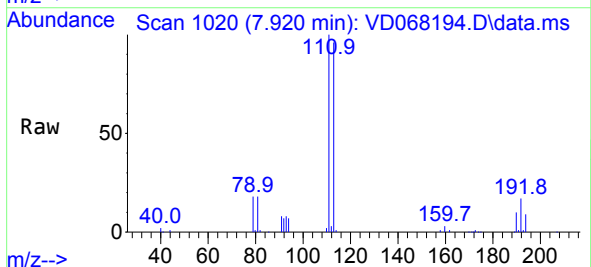
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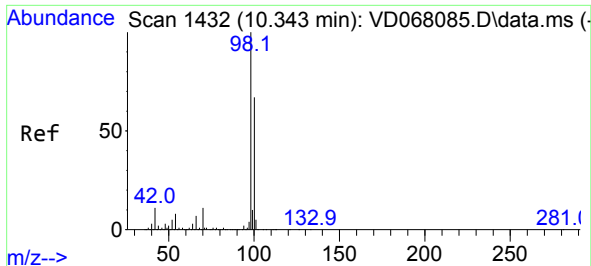
Tgt Ion:114	Resp:	946214
Ion Ratio	Lower	Upper
114	100	
63	19.9	0.0 34.8
88	16.0	0.0 31.6



#35
Dibromofluoromethane
Concen: 53.98 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068194.D
Acq: 26 Jan 2021 18:50

Tgt Ion:113	Resp:	282357
Ion Ratio	Lower	Upper
113	100	
111	102.7	81.4 122.0
192	18.6	16.1 24.1

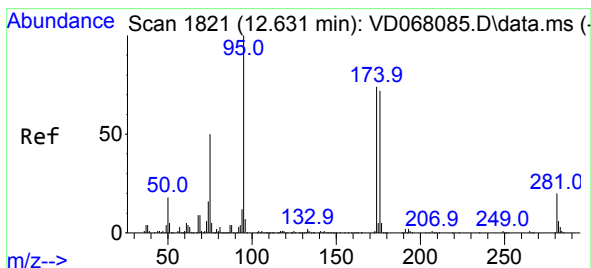
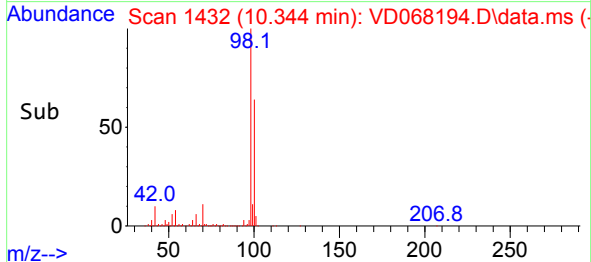
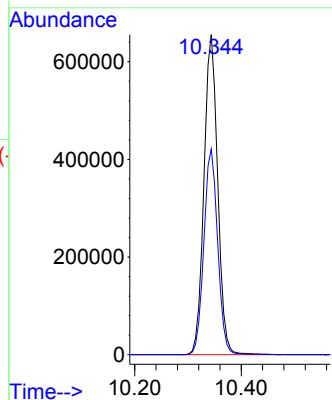
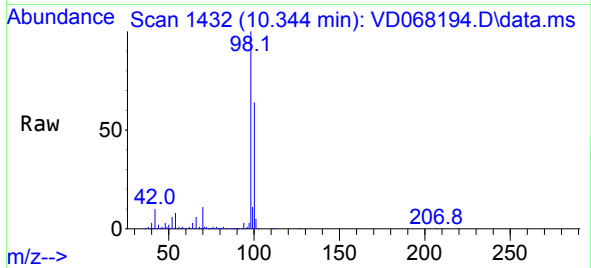




#50
Toluene-d8
Concen: 55.90 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068194.D
Acq: 26 Jan 2021 18:50

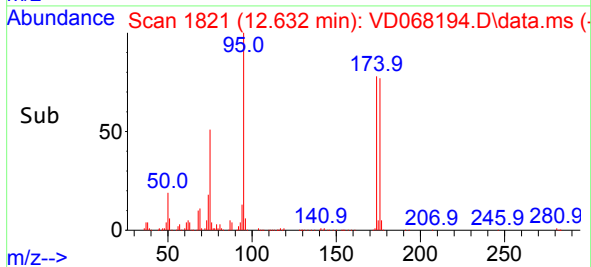
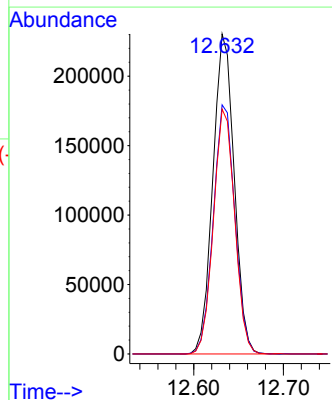
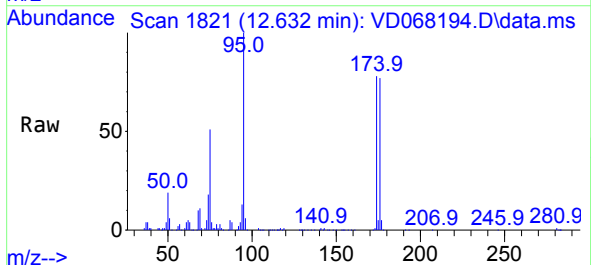
Instrument :
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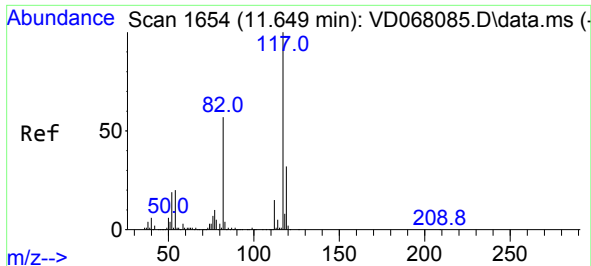
Tgt Ion: 98 Resp: 1169725
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.39 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068194.D
Acq: 26 Jan 2021 18:50

Tgt Ion: 95 Resp: 379690
Ion Ratio Lower Upper
95 100
174 78.8 0.0 172.4
176 76.3 0.0 168.4

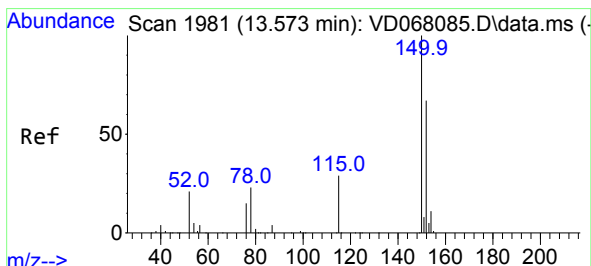
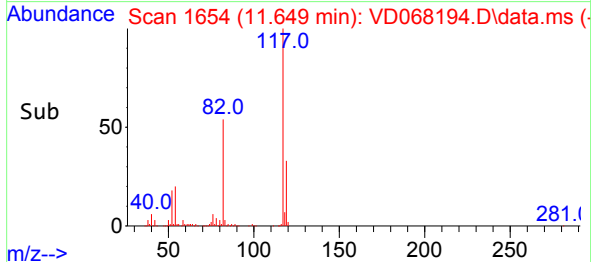
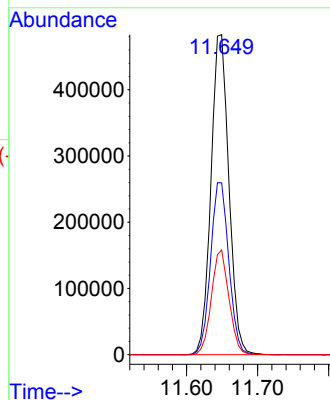
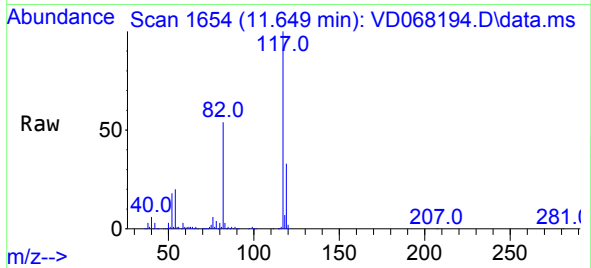




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068194.D
Acq: 26 Jan 2021 18:50

Instrument :
MSVOA_D
ClientSampleId :
PS1419LN

Tgt Ion:117 Resp: 848304
Ion Ratio Lower Upper
117 100
82 53.7 41.4 62.0
119 32.8 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: VD068194.D
Acq: 26 Jan 2021 18:50

Tgt Ion:152 Resp: 374978
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.8
150 159.1 0.0 344.4

