

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068264.D
 Acq On : 03 Feb 2021 15:55
 Operator : VA/SY
 Sample : M1292-08
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-003-1015

Quant Time: Feb 03 23:42:50 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	441549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	790298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	708733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	311716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	241430	57.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.32%
35) Dibromofluoromethane	7.920	113	239336	54.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.56%
50) Toluene-d8	10.344	98	991031	56.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.42%
62) 4-Bromofluorobenzene	12.632	95	312881	49.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.42%

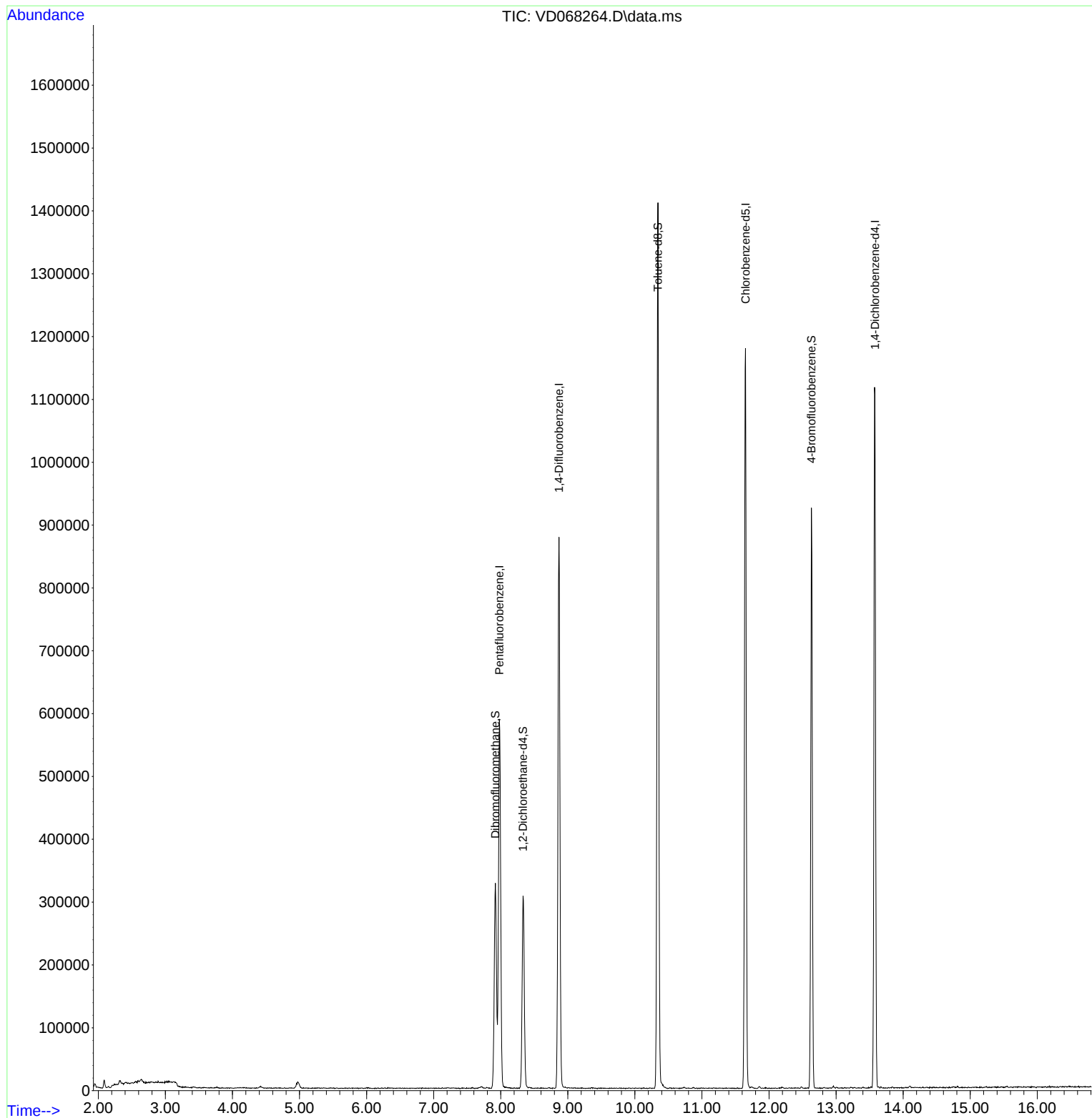
Target Compounds	Qvalue

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

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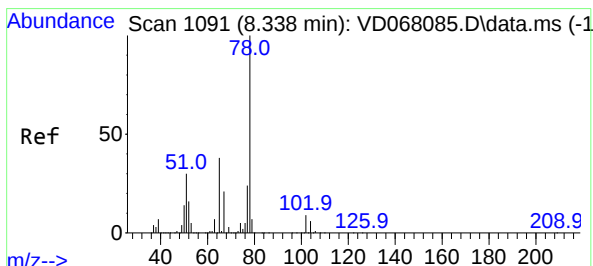
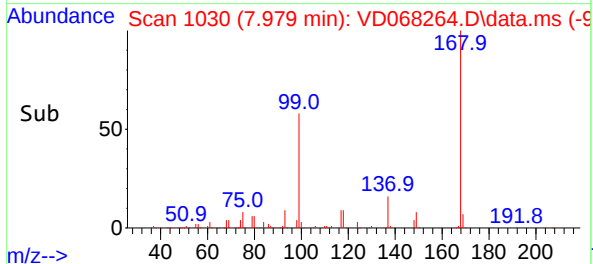
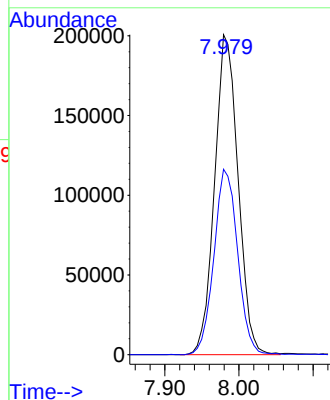
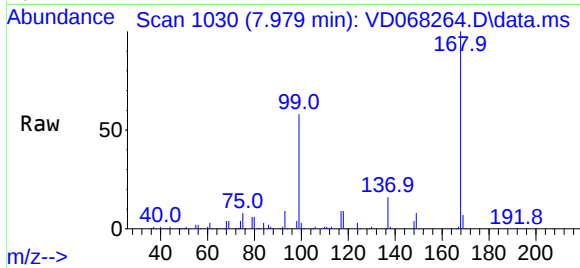




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

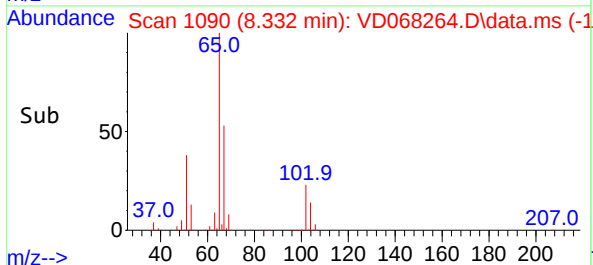
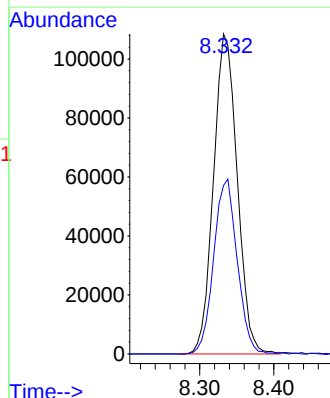
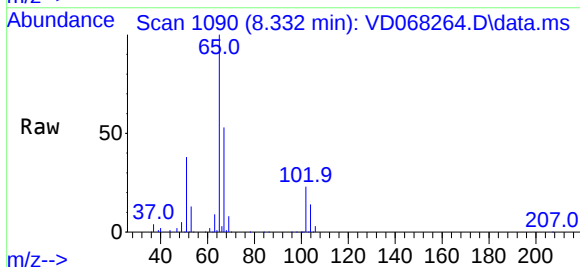
Instrument :
MSVOA_D
ClientSampleId :
OU421-003-1015

Tgt Ion:168 Resp: 441549
Ion Ratio Lower Upper
168 100
99 58.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 57.16 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Tgt Ion: 65 Resp: 241430
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0

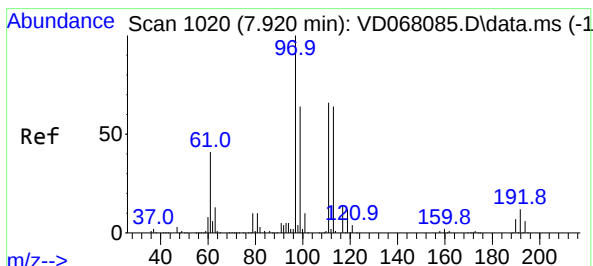
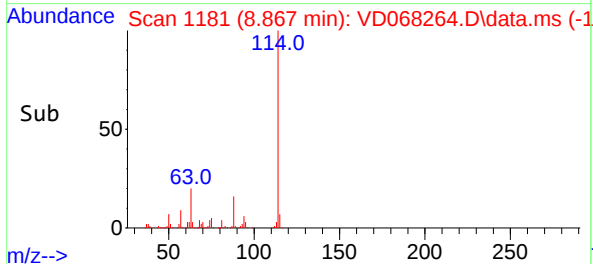
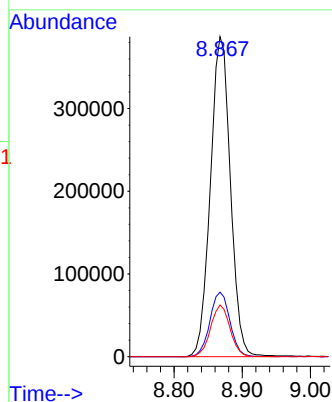
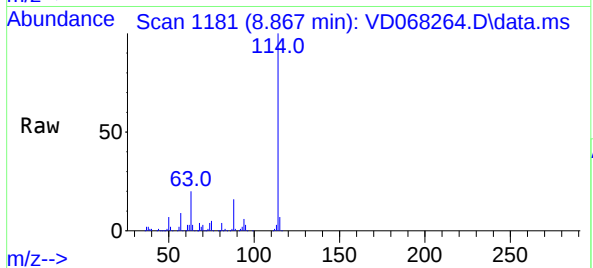




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

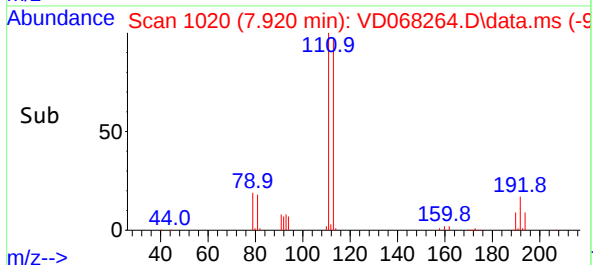
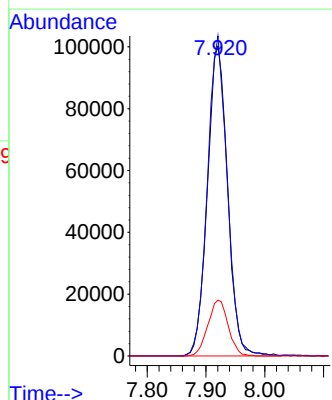
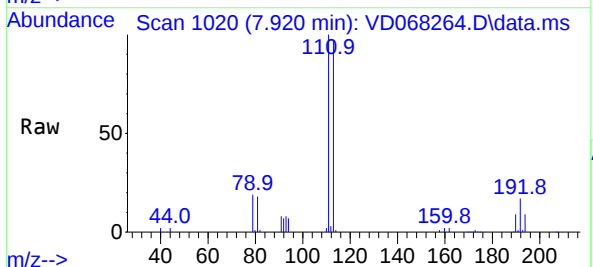
Instrument :
MSVOA_D
ClientSampleId :
OU421-003-1015

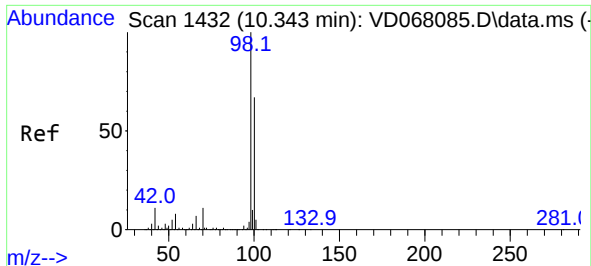
Tgt Ion:114 Resp: 790298
Ion Ratio Lower Upper
114 100
63 20.2 0.0 34.8
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.78 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Tgt Ion:113 Resp: 239336
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 18.1 16.1 24.1

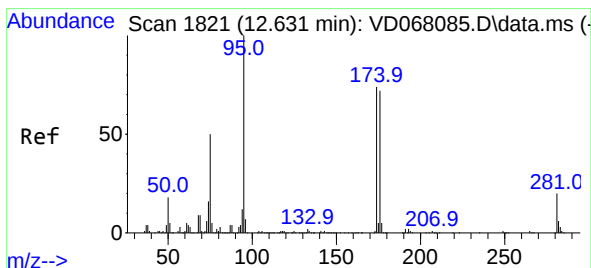
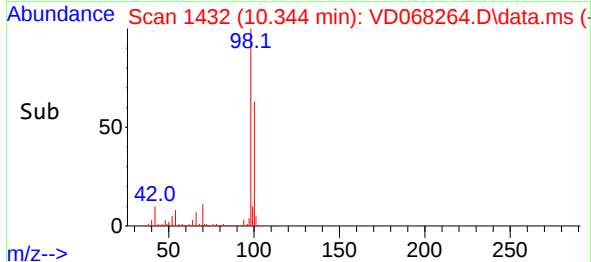
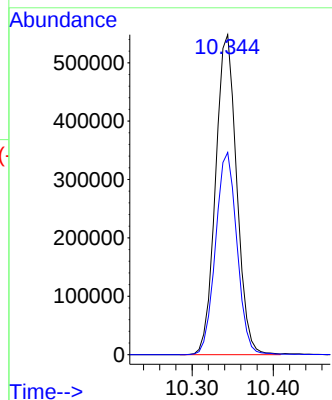
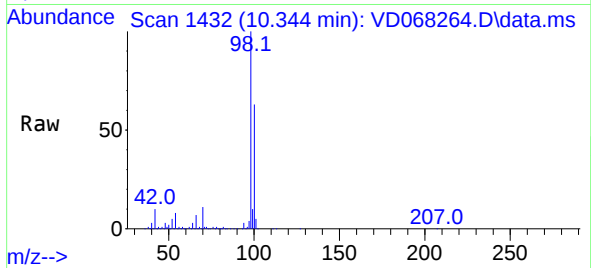




#50
Toluene-d8
Concen: 56.71 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

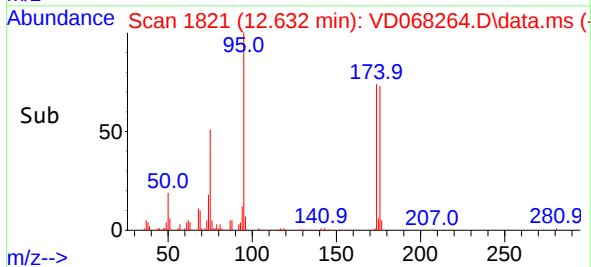
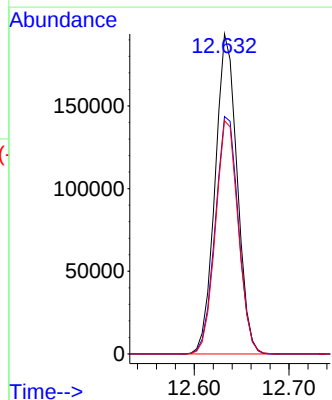
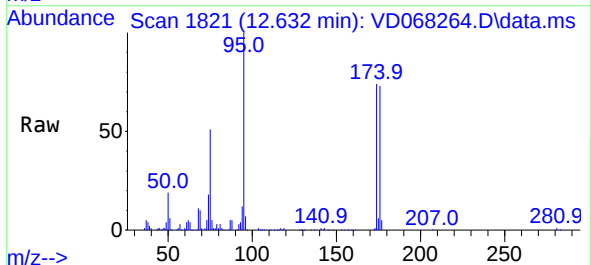
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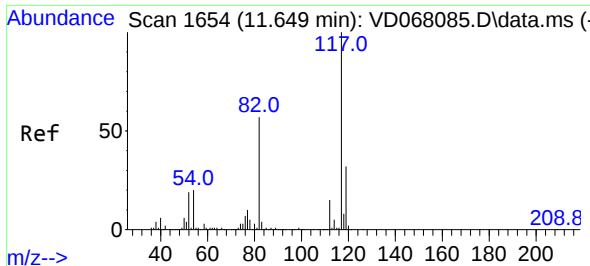
Tgt Ion: 98 Resp: 991031
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

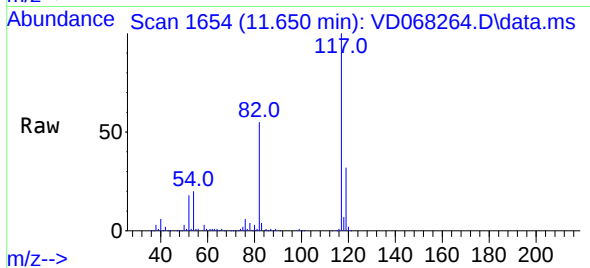
Tgt Ion: 95 Resp: 312881
Ion Ratio Lower Upper
95 100
174 77.9 0.0 172.4
176 75.1 0.0 168.4



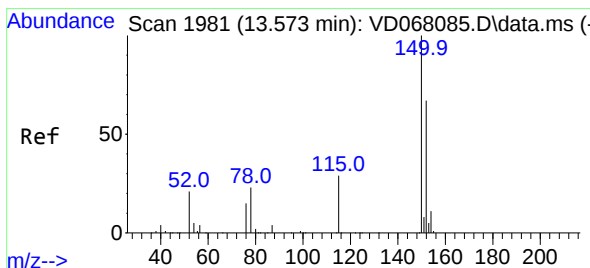
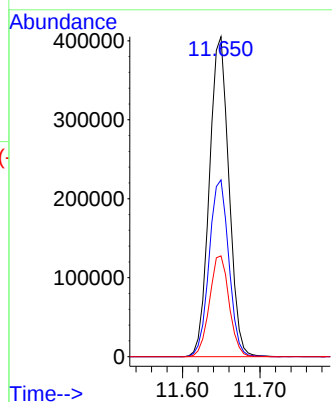
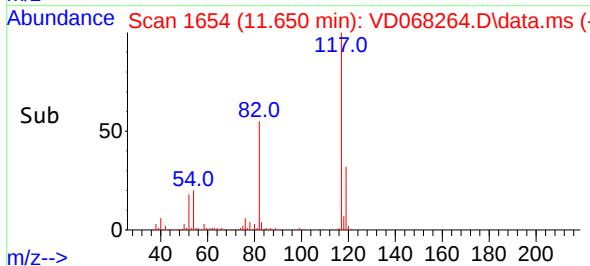


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

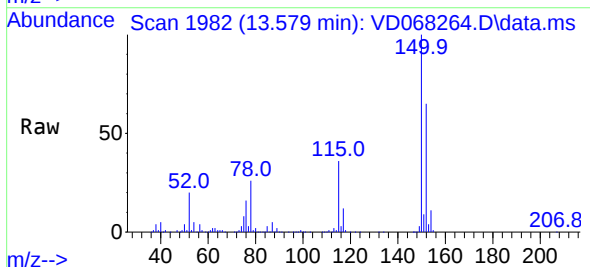
Instrument :
MSVOA_D
ClientSampleId :
OU421-003-1015



Tgt Ion:117 Resp: 708733
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.0
119 31.5 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: VD068264.D
Acq: 03 Feb 2021 15:55



Tgt Ion:152 Resp: 311716
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.8
150 157.1 0.0 344.4

