

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068030.D
 Acq On : 07 Jan 2021 13:23
 Operator : VA/SY
 Sample : M1019-01
 Misc : 5.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20410

Quant Time: Jan 08 00:14:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	282096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	557660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	539424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	234575	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195718	64.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.50%
35) Dibromofluoromethane	7.920	113	198657	56.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.08%
50) Toluene-d8	10.344	98	713354	54.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.02%
62) 4-Bromofluorobenzene	12.638	95	230558	51.03	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.06%

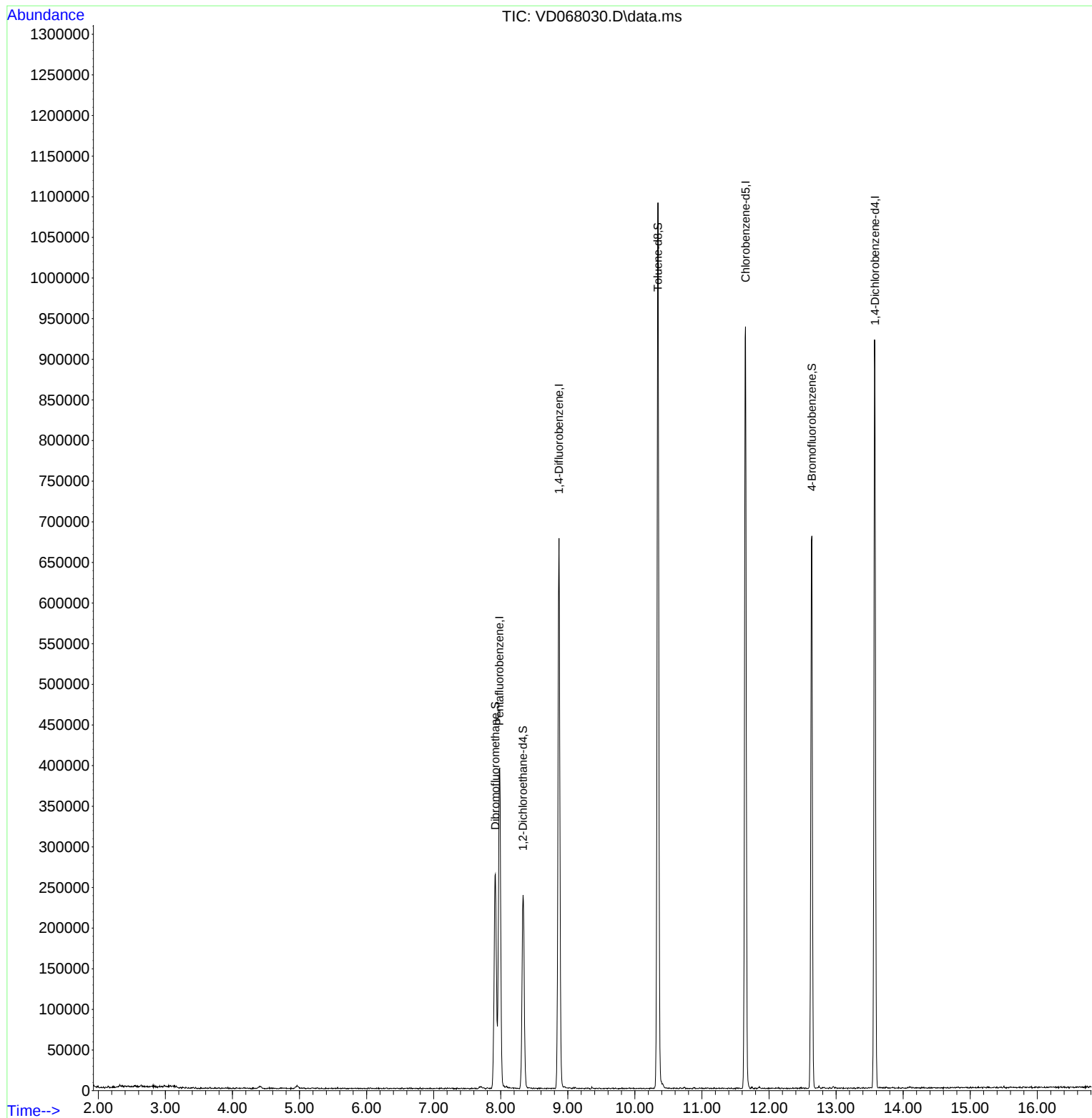
Target Compounds	Qvalue

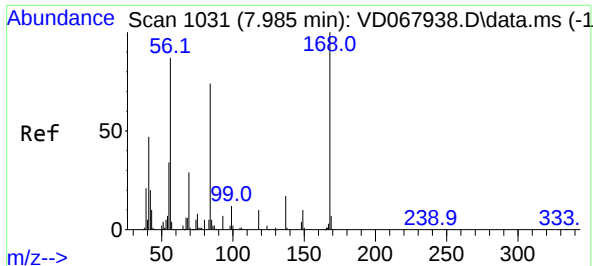
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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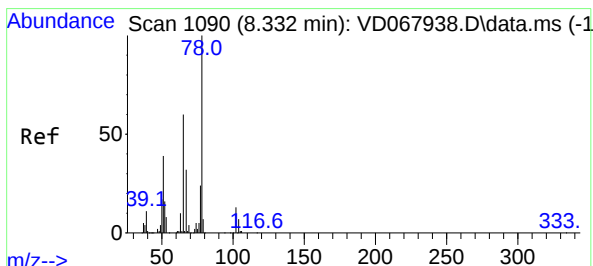
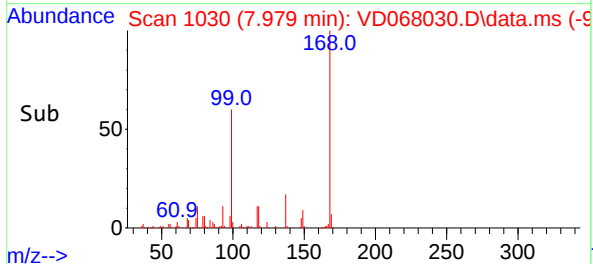
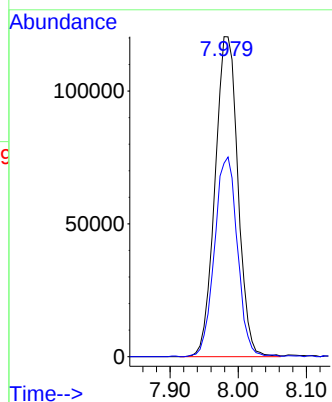
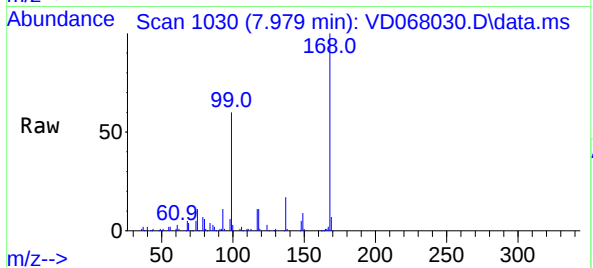




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

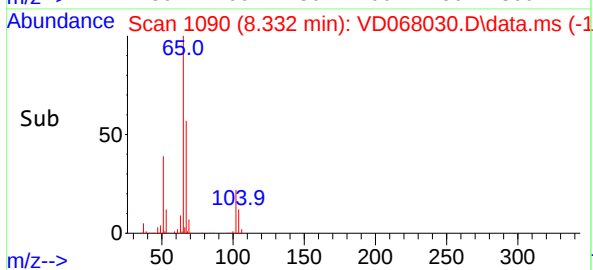
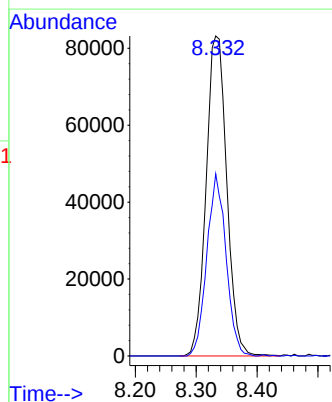
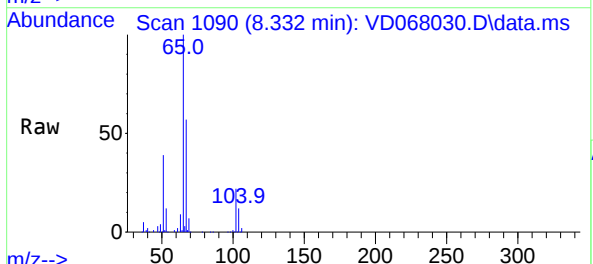
Instrument :
MSVOA_D
ClientSampleId :
20410

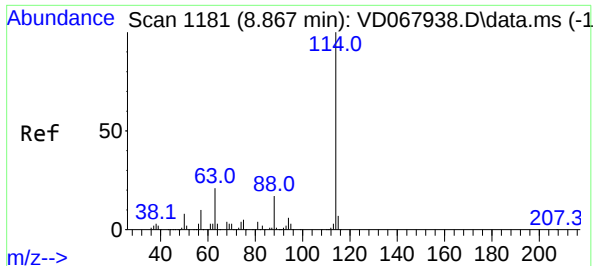
Tgt Ion:168 Resp: 282096
Ion Ratio Lower Upper
168 100
99 60.5 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 64.25 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Tgt Ion: 65 Resp: 195718
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.0



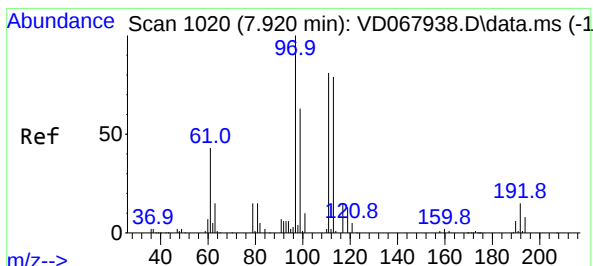
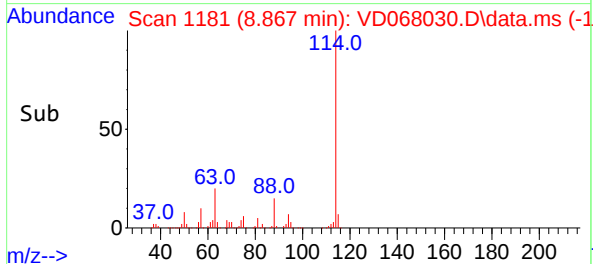
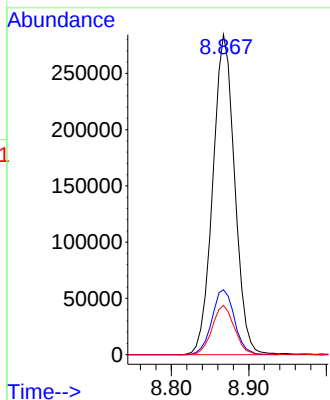
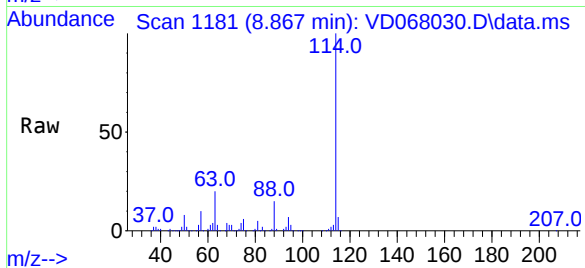


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Instrument :
MSVOA_D
ClientSampled :
20410

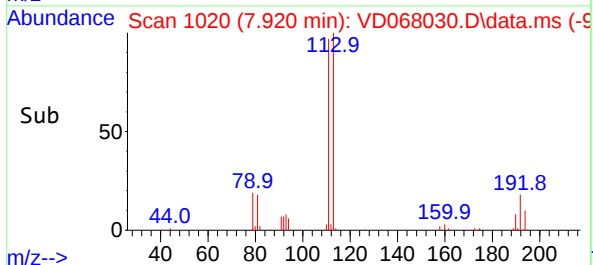
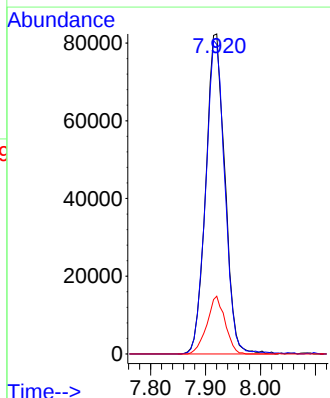
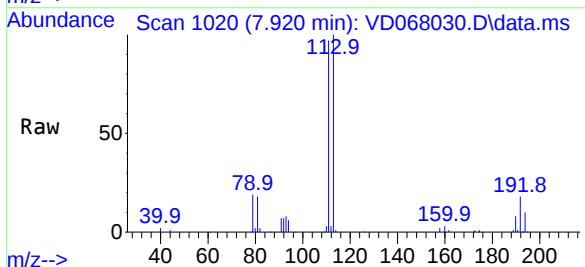
Tgt Ion:114 Resp: 557660
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.4
88 15.4 0.0 33.2

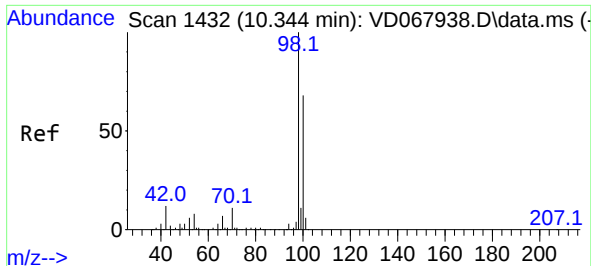


#35

Dibromofluoromethane
Concen: 56.54 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Tgt Ion:113 Resp: 198657
Ion Ratio Lower Upper
113 100
111 98.0 79.3 118.9
192 17.2 14.5 21.7

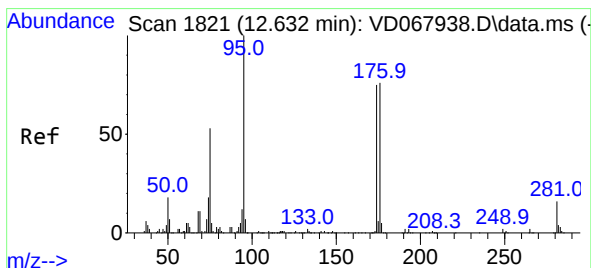
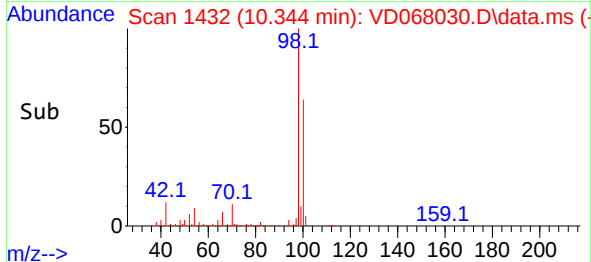
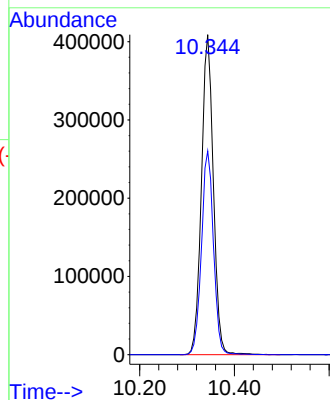
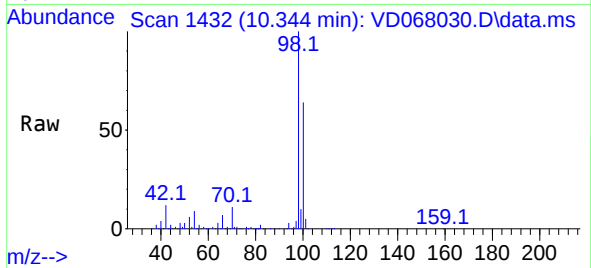




#50
Toluene-d8
Concen: 54.01 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

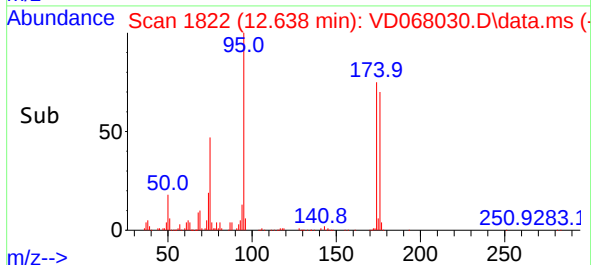
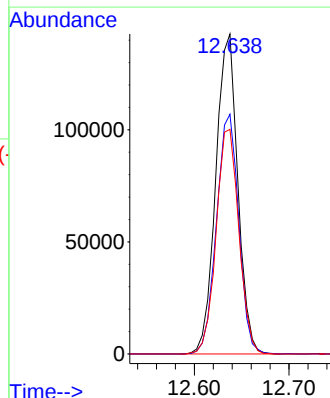
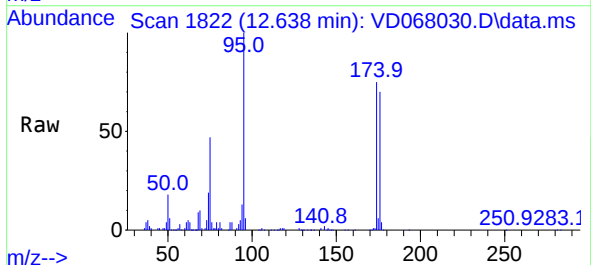
Instrument :
MSVOA_D
ClientSampleId :
20410

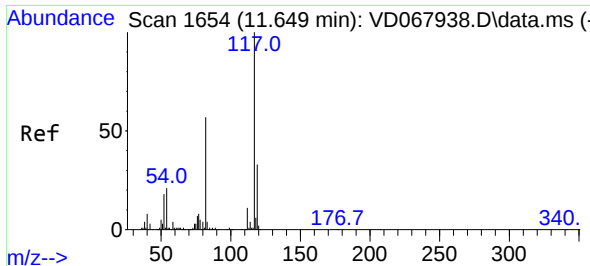
Tgt Ion: 98 Resp: 713354
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.03 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Tgt Ion: 95 Resp: 230558
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.6
176 72.5 0.0 151.2

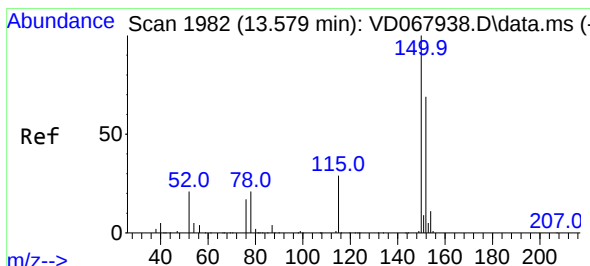
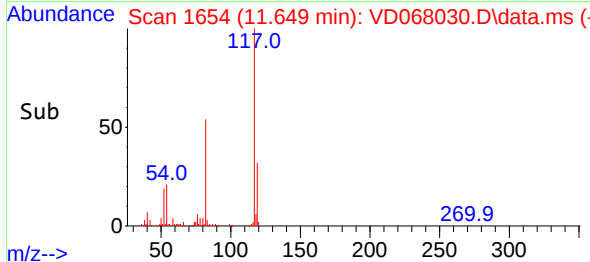
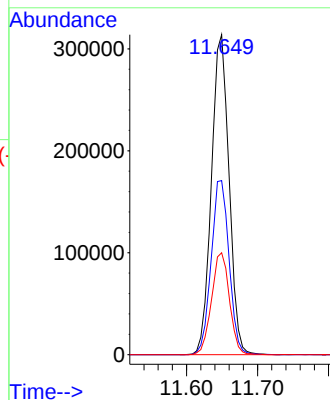
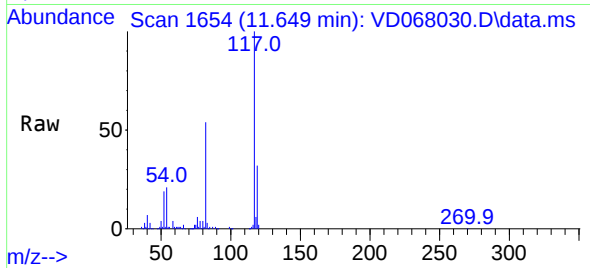




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :
20410

Tgt Ion:117 Resp: 539424
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 31.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Tgt Ion:152 Resp: 234575
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 156.9 0.0 340.0

