

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070331.D
 Acq On : 13 Sep 2021 17:25
 Operator : VA/SY
 Sample : M3684-01
 Misc : 5.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A018015

Quant Time: Sep 14 00:55:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	401928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	846672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	931855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	361337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	297699	57.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.360%
35) Dibromofluoromethane	7.914	113	310382	51.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.338	98	1117718	51.080	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.626	95	422767	55.283	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.560%

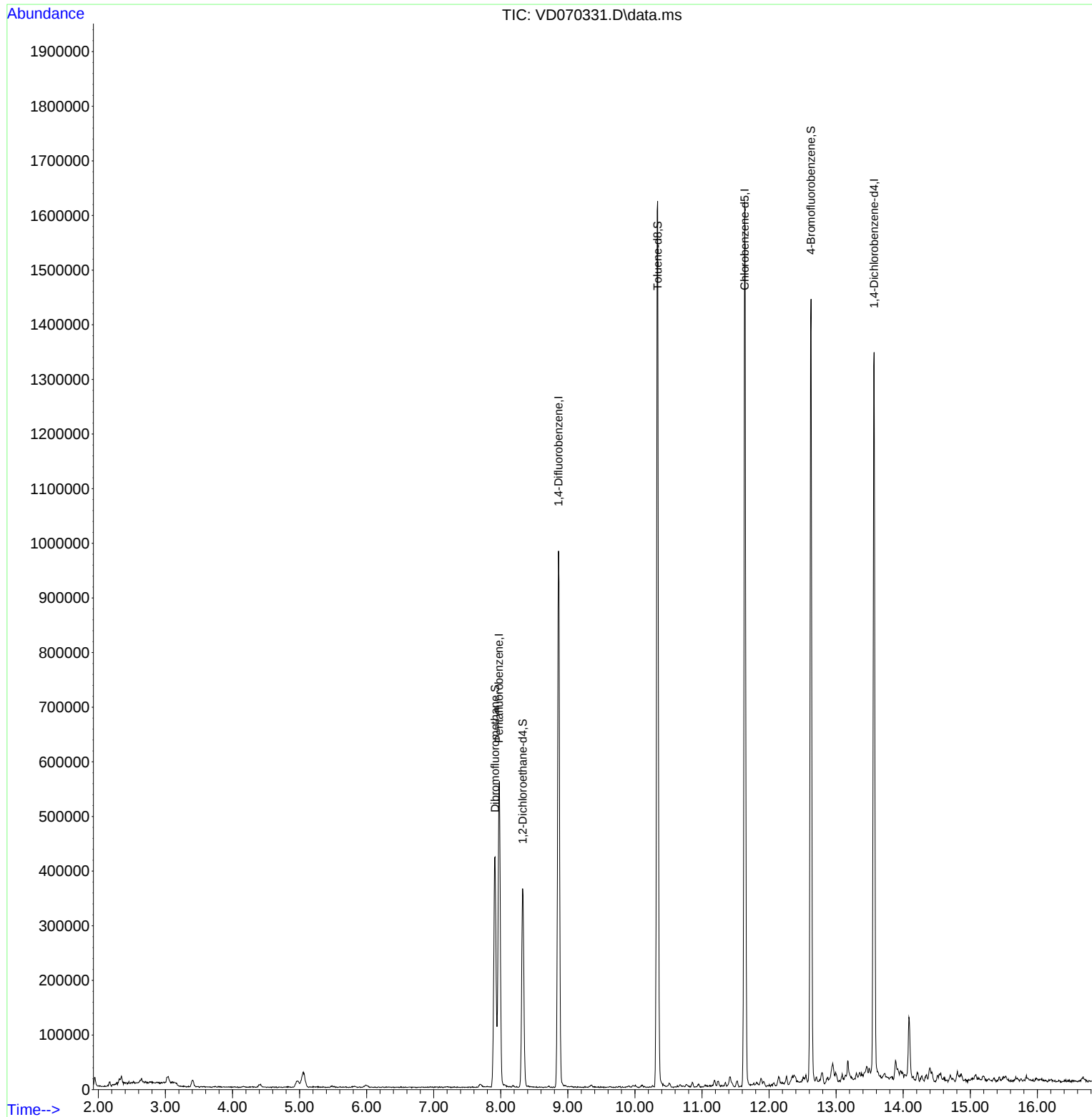
Target Compounds	Qvalue

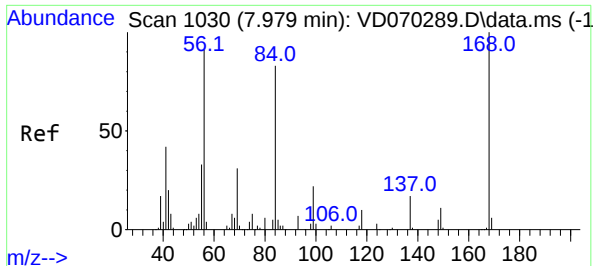
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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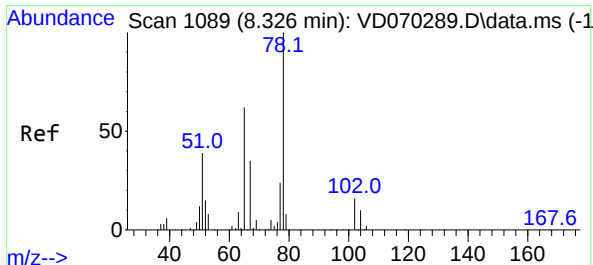
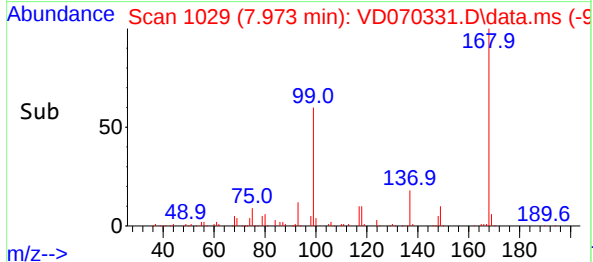
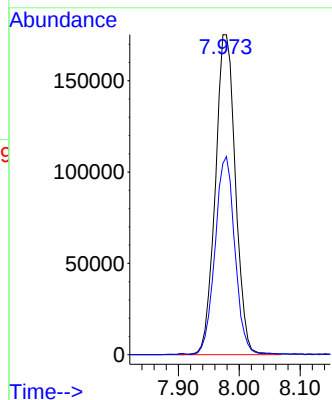
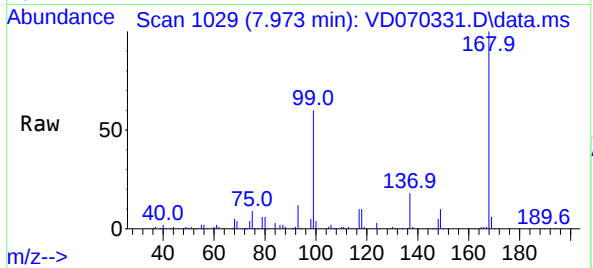




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

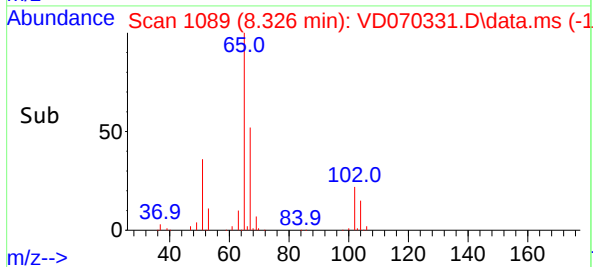
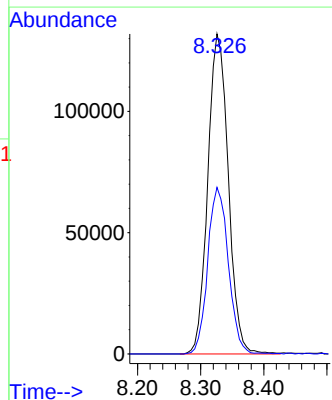
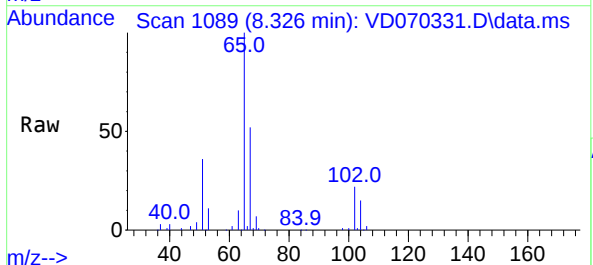
Instrument :
MSVOA_D
ClientSampled :
A018015

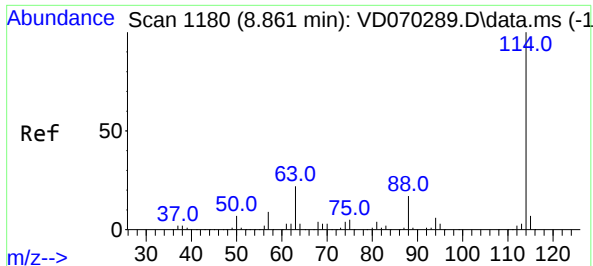
Tgt Ion:168 Resp: 401928
Ion Ratio Lower Upper
168 100
99 59.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 57.684 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 65 Resp: 297699
Ion Ratio Lower Upper
65 100
67 52.4 0.0 111.4



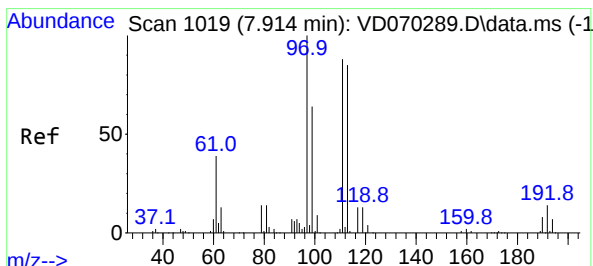
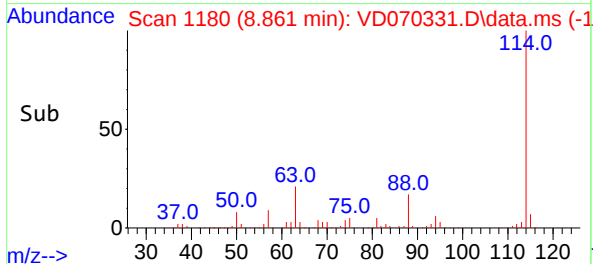
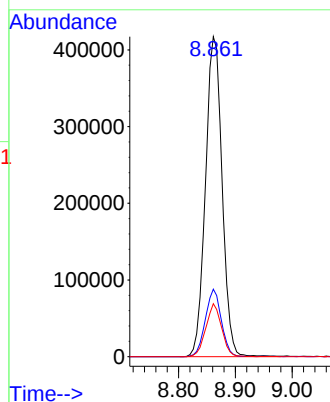
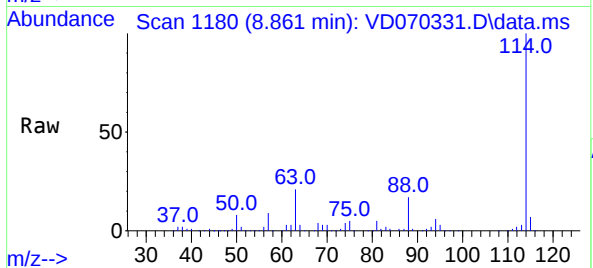


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Instrument :
MSVOA_D
ClientSampleId :
A018015

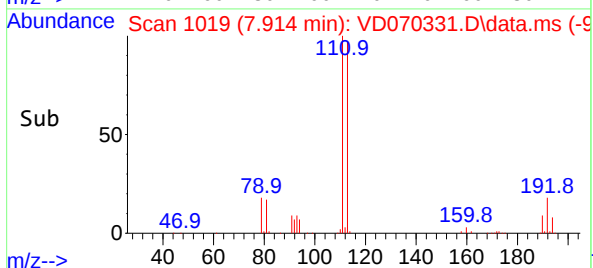
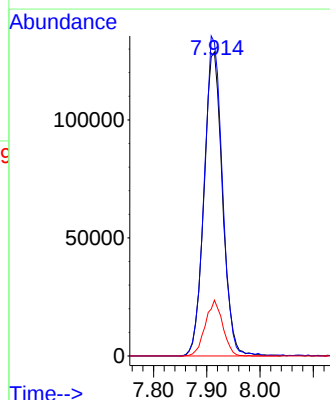
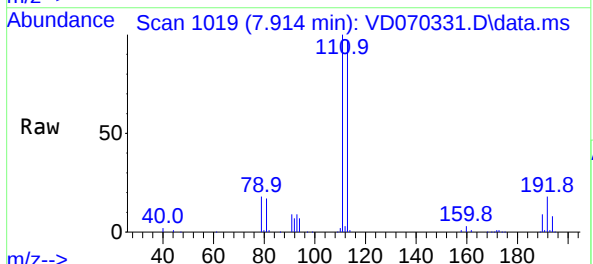
Tgt Ion:114 Resp: 846672
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.4
88 16.5 0.0 33.4

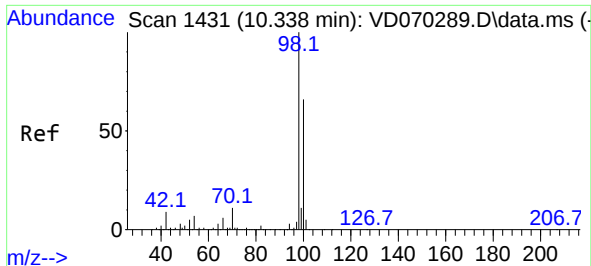


#35

Dibromofluoromethane
Concen: 51.501 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion:113 Resp: 310382
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 17.3 13.0 19.6

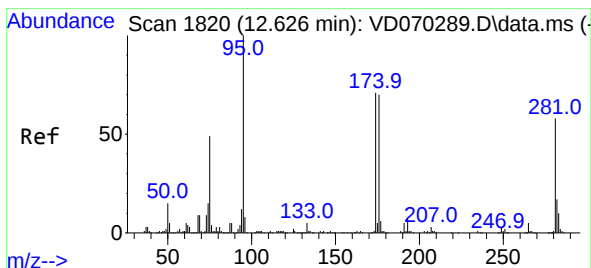
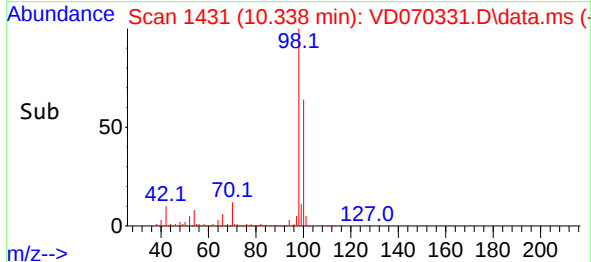
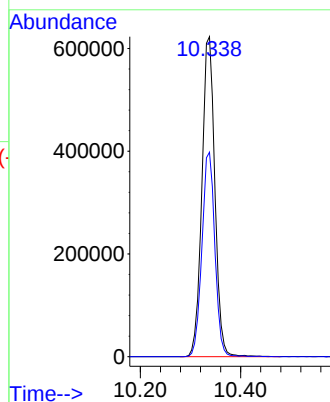
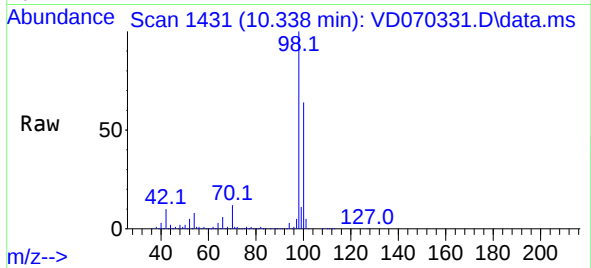




#50
Toluene-d8
Concen: 51.080 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

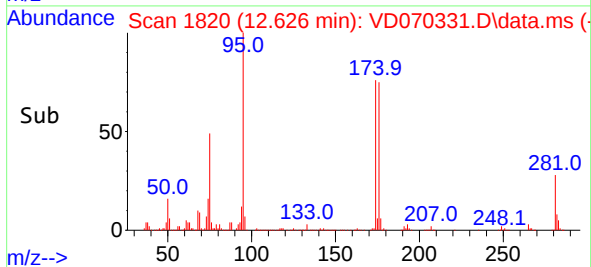
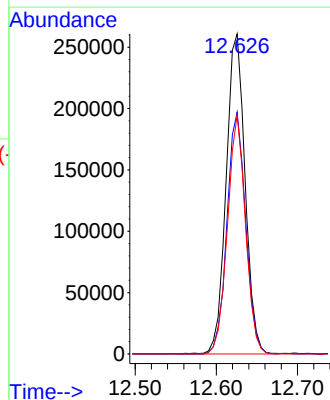
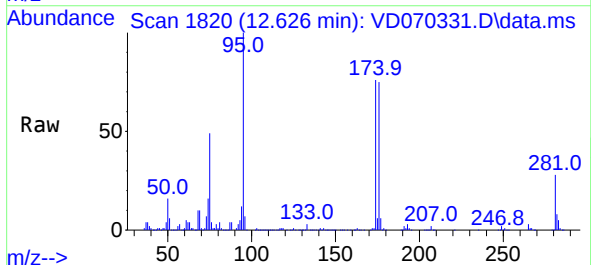
Instrument :
MSVOA_D
ClientSampleId :
A018015

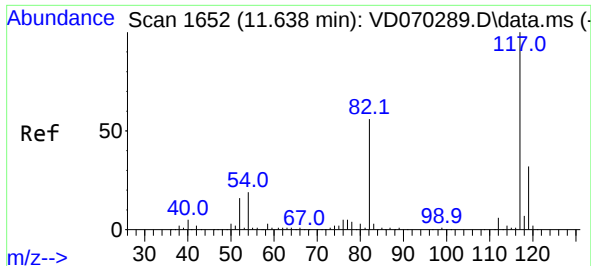
Tgt Ion: 98 Resp: 1117718
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.283 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 95 Resp: 422767
Ion Ratio Lower Upper
95 100
174 74.5 0.0 140.6
176 71.0 0.0 137.4

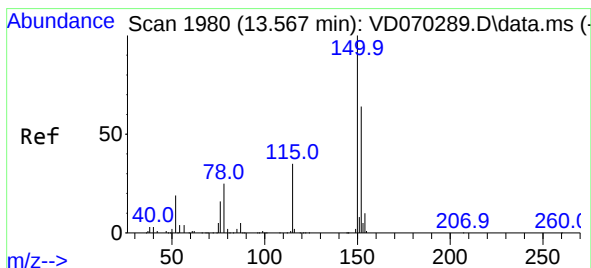
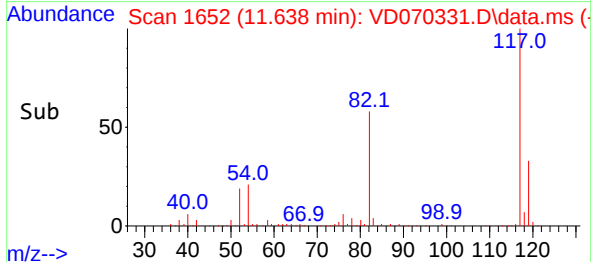
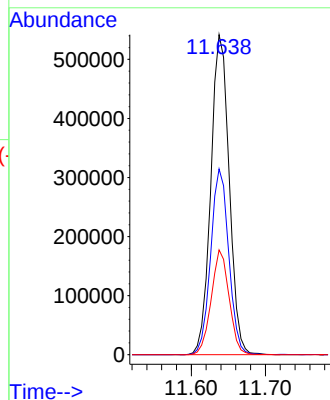
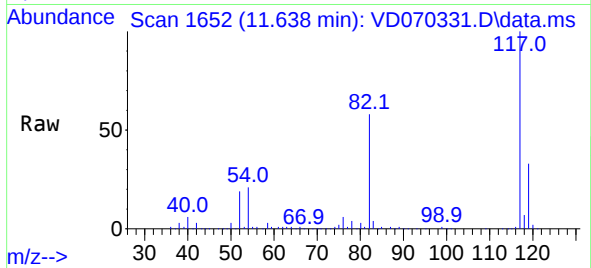




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Instrument :
MSVOA_D
ClientSampleId :
A018015

Tgt Ion:117 Resp: 931855
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion:152 Resp: 361337
Ion Ratio Lower Upper
152 100
115 62.2 32.1 96.3
150 158.4 0.0 350.6

