

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071017.D
 Acq On : 12 Nov 2021 07:03
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Nov 12 08:18:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	61183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	105271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	110024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	53284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	45994	70.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.220%
35) Dibromofluoromethane	7.914	113	31429	52.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.820%
50) Toluene-d8	10.332	98	131971	56.729	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.460%
62) 4-Bromofluorobenzene	12.620	95	55259	65.971	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.940%

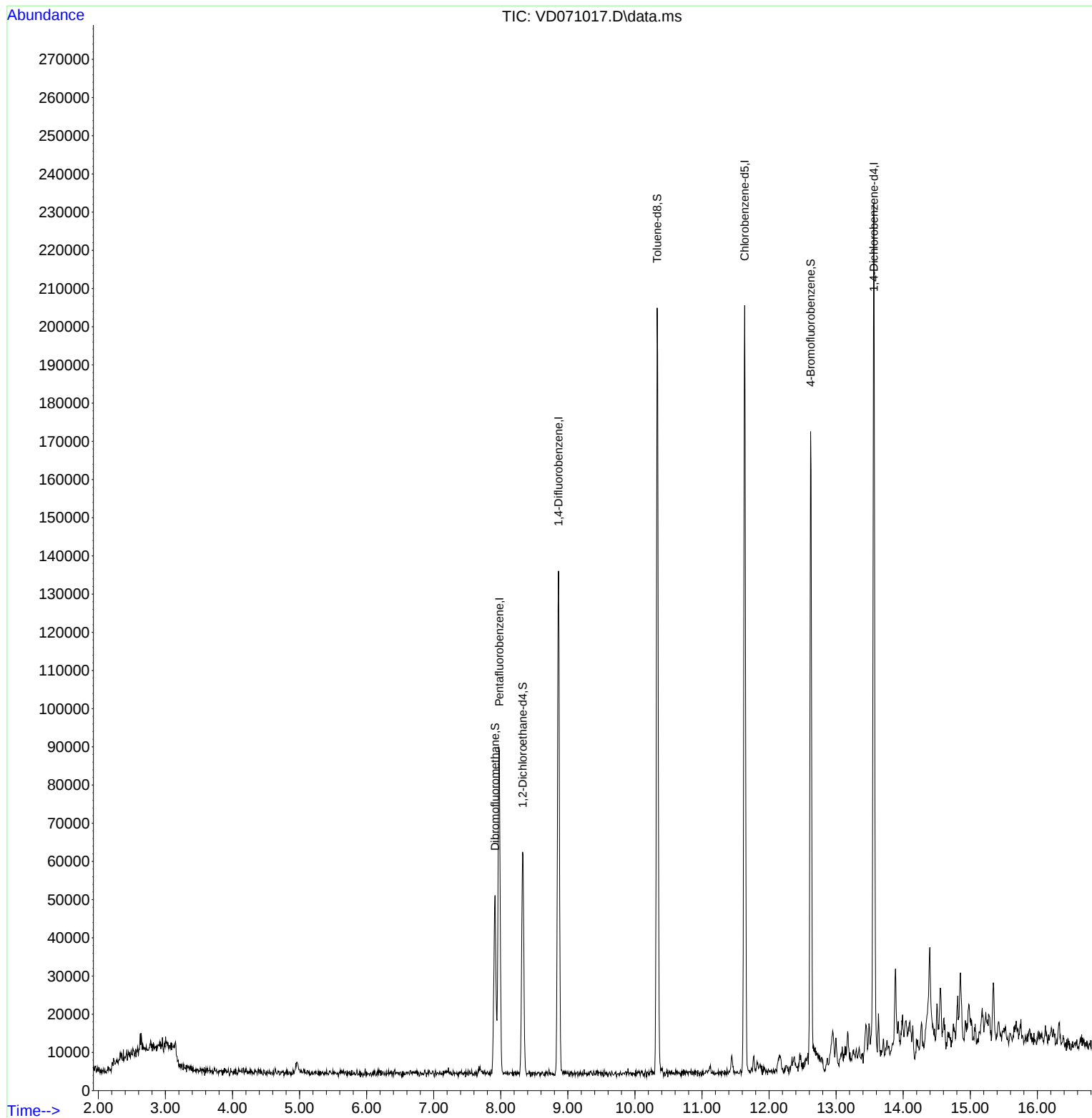
Target Compounds	Qvalue

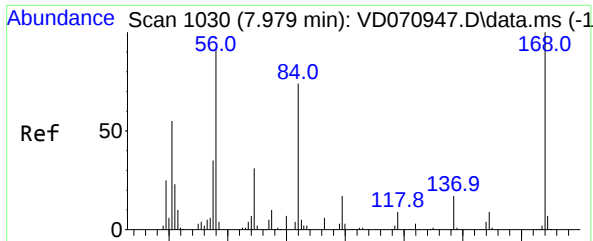
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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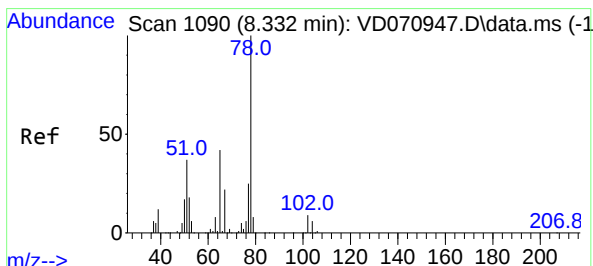
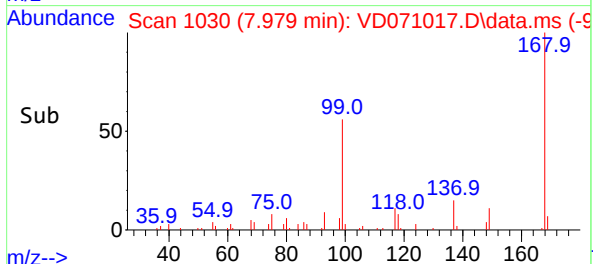
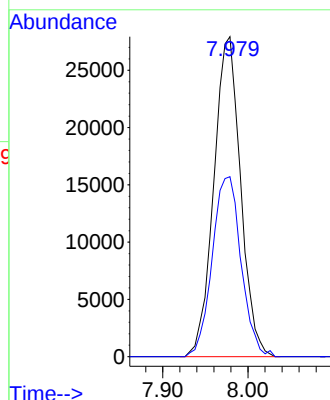
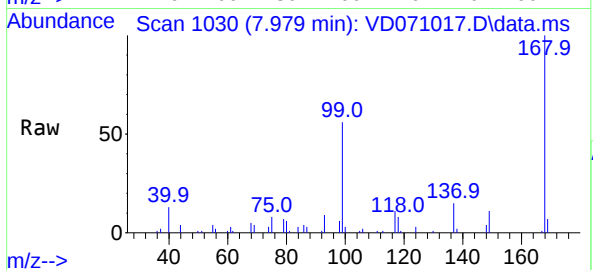




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071017.D
Acq: 12 Nov 2021 07:03

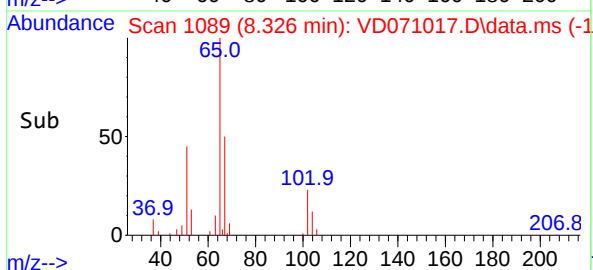
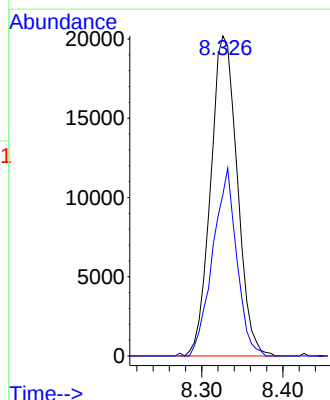
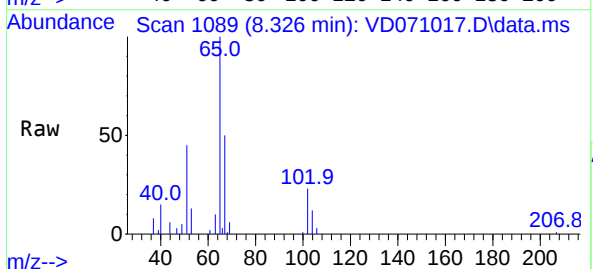
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

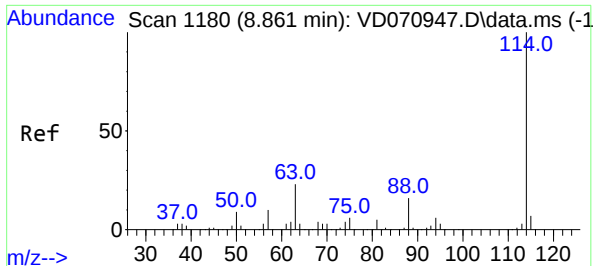
Tgt Ion:168 Resp: 61183
Ion Ratio Lower Upper
168 100
99 56.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 70.606 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071017.D
Acq: 12 Nov 2021 07:03

Tgt Ion: 65 Resp: 45994
Ion Ratio Lower Upper
65 100
67 53.0 0.0 112.2

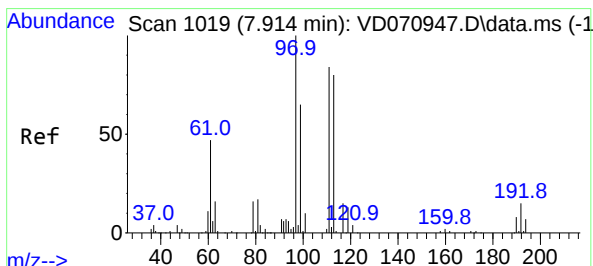
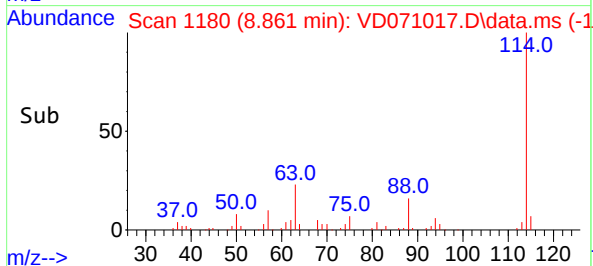
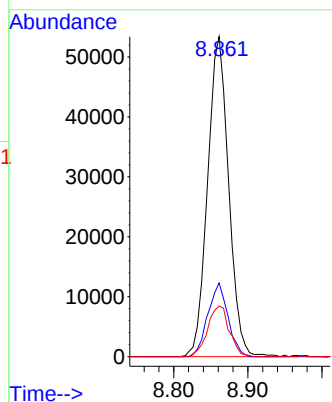
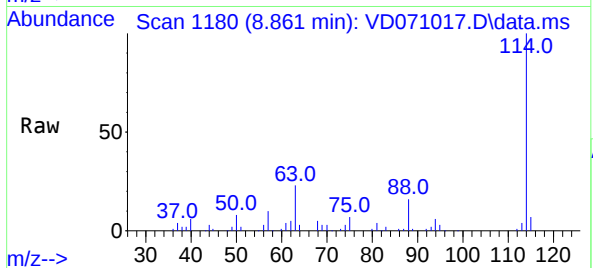




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071017.D
Acq: 12 Nov 2021 07:03

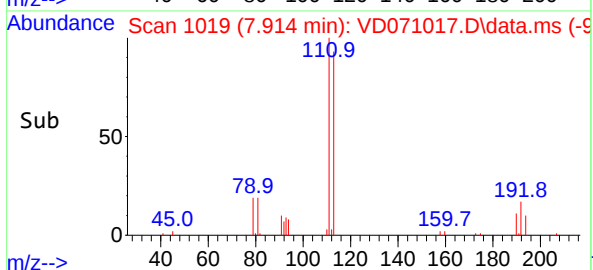
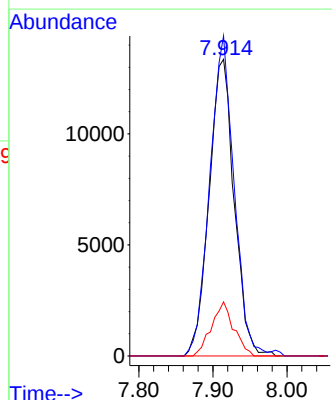
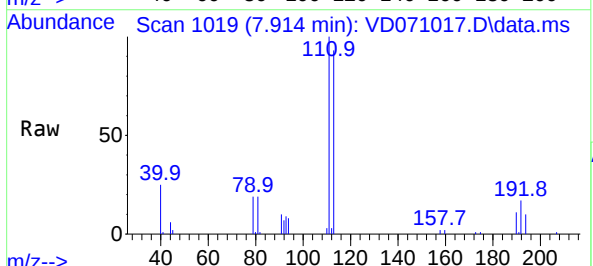
Instrument :
MSVOA_D
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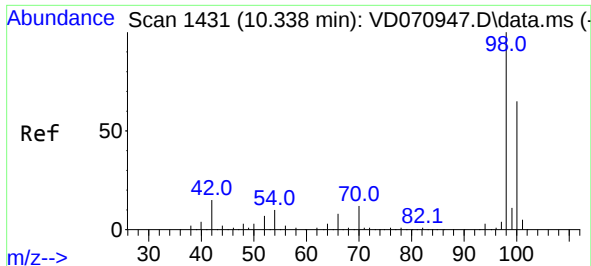
Tgt Ion:114 Resp: 105271
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.909 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071017.D
Acq: 12 Nov 2021 07:03

Tgt Ion:113 Resp: 31429
Ion Ratio Lower Upper
113 100
111 104.4 82.0 123.0
192 16.2 15.2 22.8

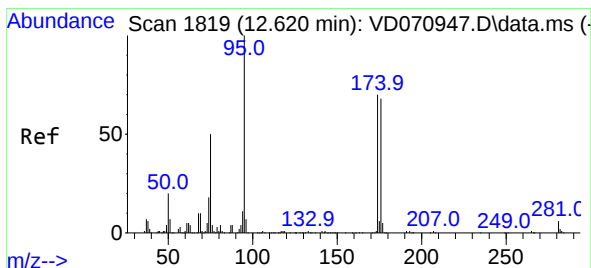
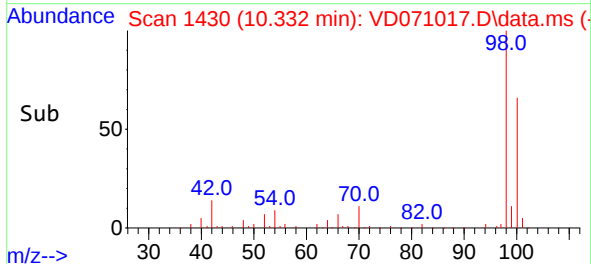
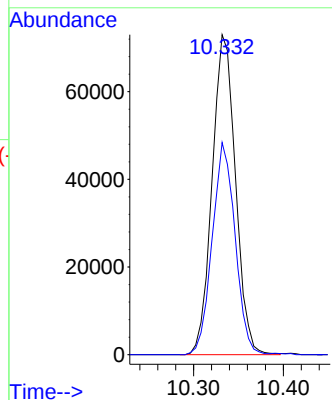
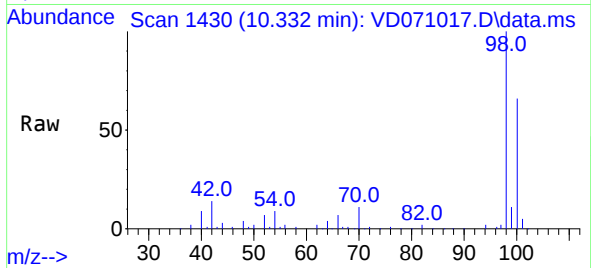




#50
Toluene-d8
Concen: 56.729 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071017.D
Acq: 12 Nov 2021 07:03

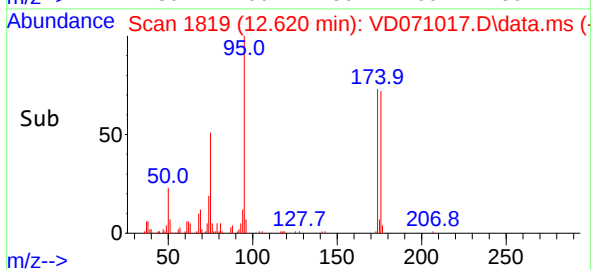
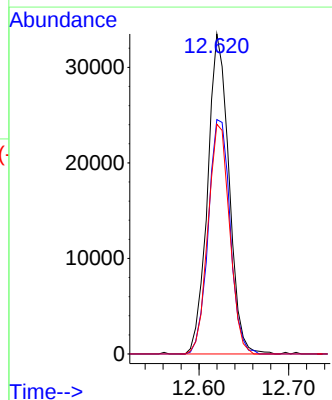
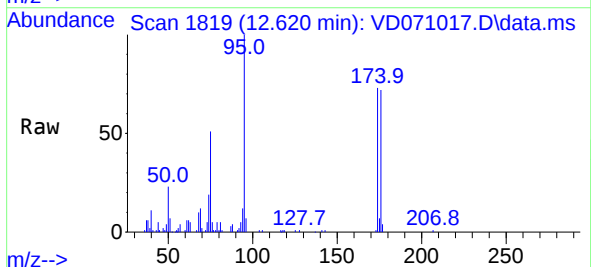
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

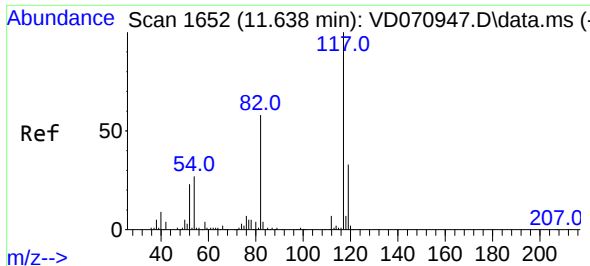
Tgt Ion: 98 Resp: 131971
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.971 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071017.D
Acq: 12 Nov 2021 07:03

Tgt Ion: 95 Resp: 55259
Ion Ratio Lower Upper
95 100
174 74.7 0.0 159.4
176 72.4 0.0 154.0

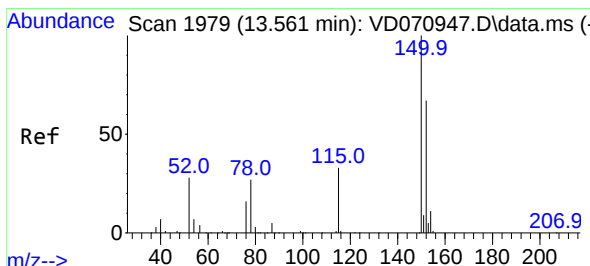
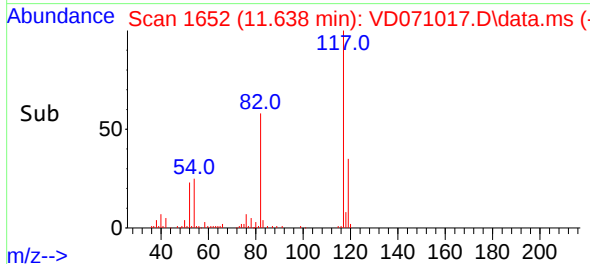
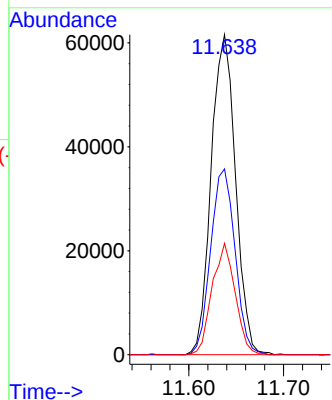
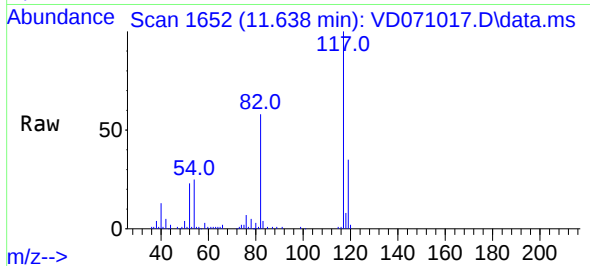




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071017.D
Acq: 12 Nov 2021 07:03

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 110024
Ion Ratio Lower Upper
117 100
82 58.1 44.7 67.1
119 34.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071017.D
Acq: 12 Nov 2021 07:03

Tgt Ion:152 Resp: 53284
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 154.6 0.0 349.2

