

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071039.D
 Acq On : 16 Nov 2021 12:26
 Operator : VA/SY
 Sample : VD1116SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1116SBL01

Quant Time: Nov 17 03:22:13 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	281571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	496856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	492631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	227416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159597	53.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.480%
35) Dibromofluoromethane	7.914	113	156205	55.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.420%
50) Toluene-d8	10.338	98	629223	57.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.620%
62) 4-Bromofluorobenzene	12.626	95	237767	60.143	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.280%

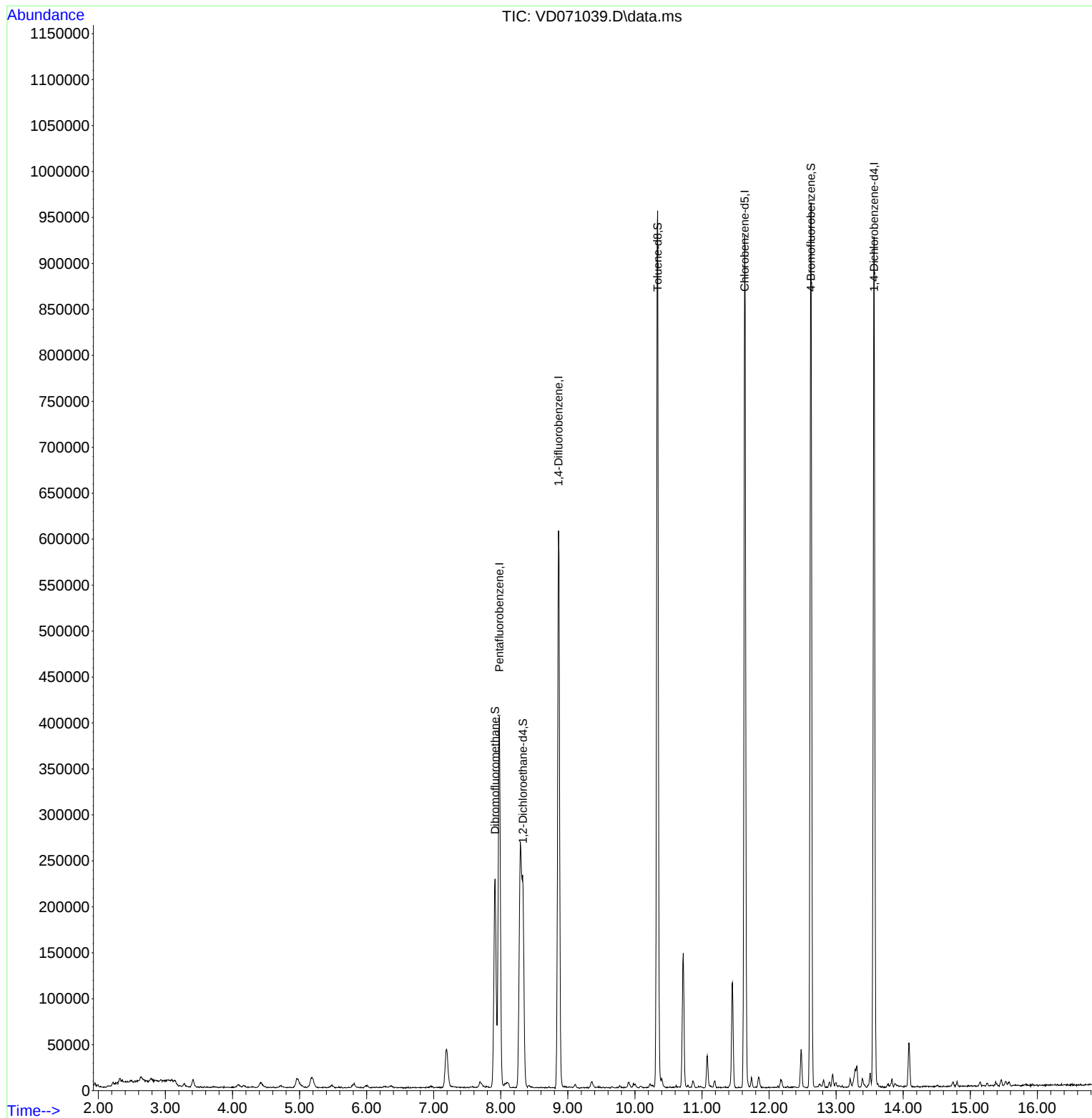
Target Compounds	Qvalue

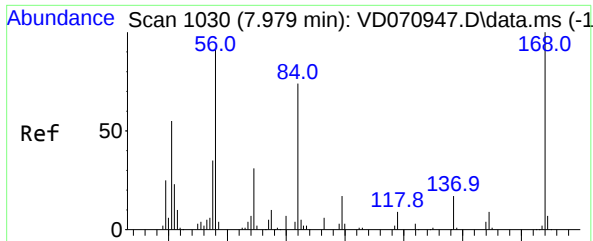
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD071039.D

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MSVOA_D

ClientSampleId :

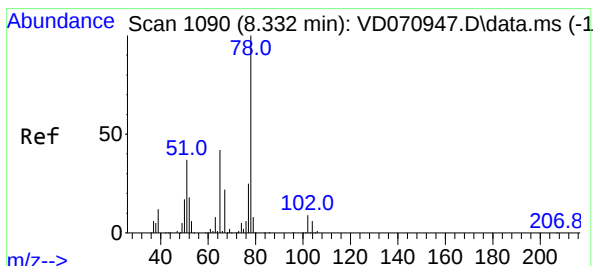
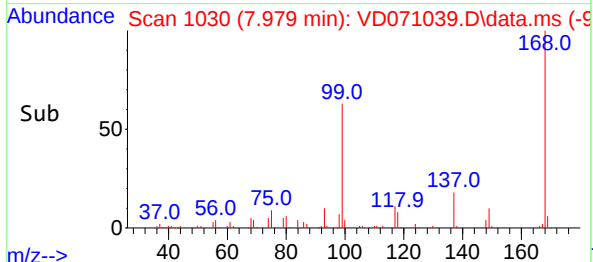
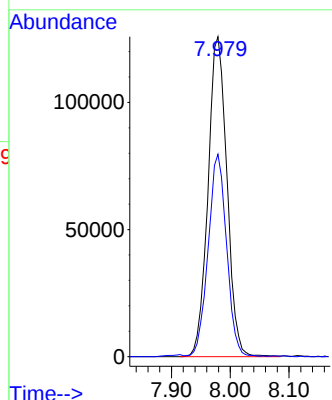
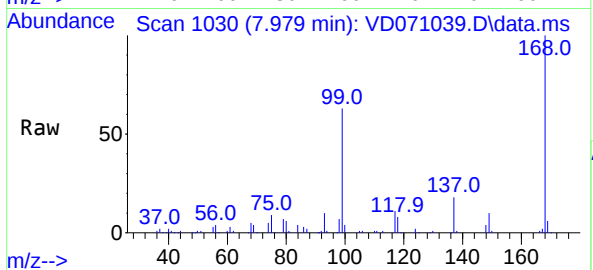
VD1116SBL01

Tgt Ion:168 Resp: 281571

Ion Ratio Lower Upper

168 100

99 63.1 46.6 69.8



1,2-Dichloroethane-d4

Concen: 53.236 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071039.D

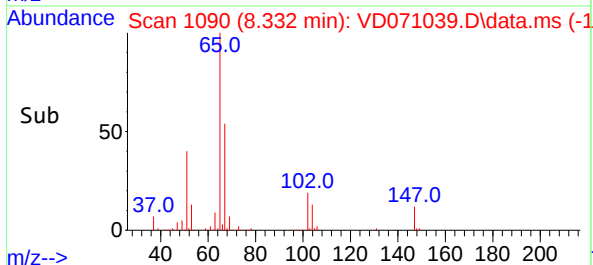
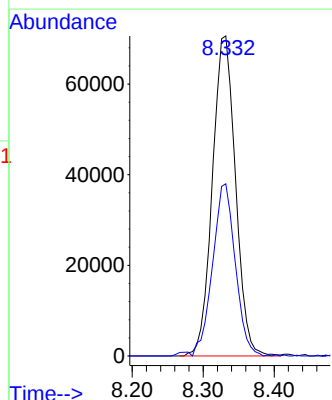
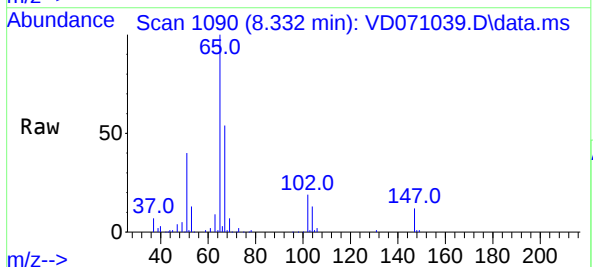
Acq: 16 Nov 2021 12:26

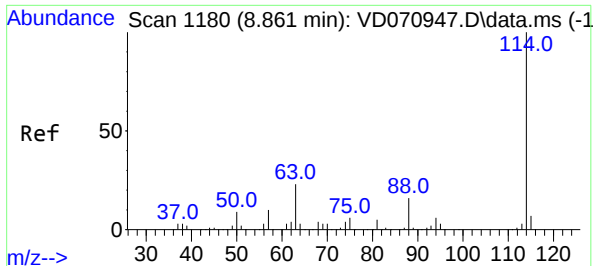
Tgt Ion: 65 Resp: 159597

Ion Ratio Lower Upper

65 100

67 53.4 0.0 112.2

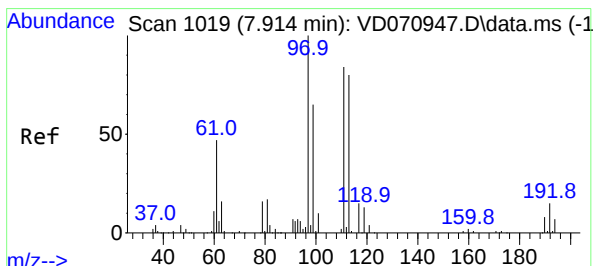
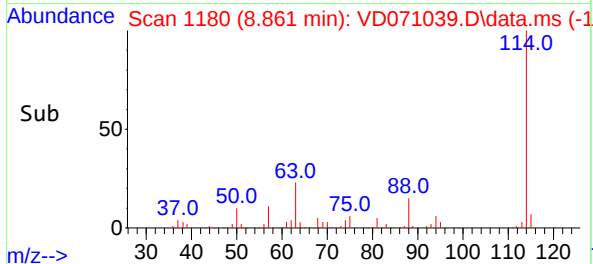
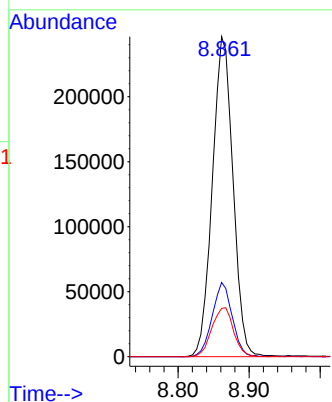
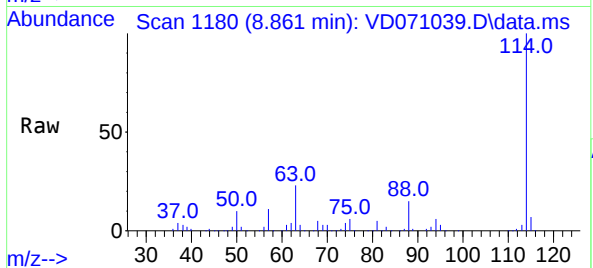




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071039.D
Acq: 16 Nov 2021 12:26

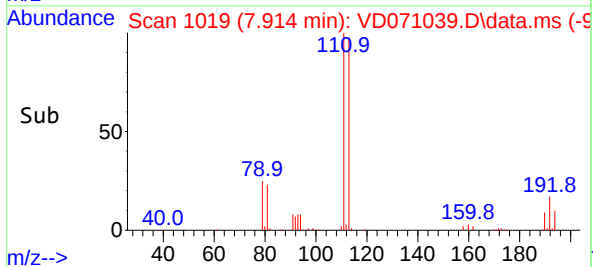
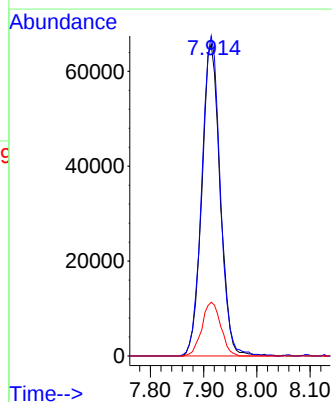
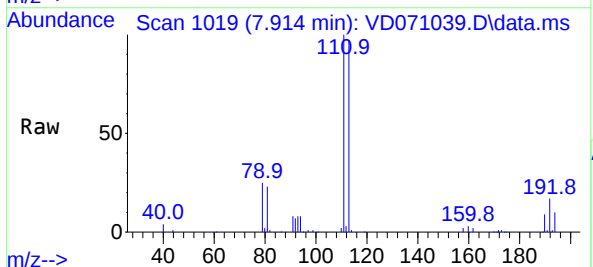
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

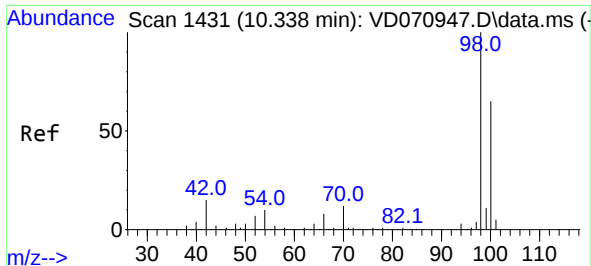
Tgt Ion:114 Resp: 496856
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.8
88 15.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 55.715 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071039.D
Acq: 16 Nov 2021 12:26

Tgt Ion:113 Resp: 156205
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 17.9 15.2 22.8

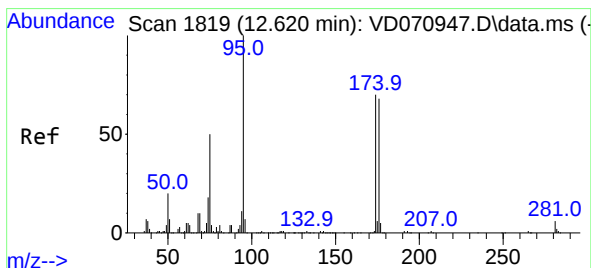
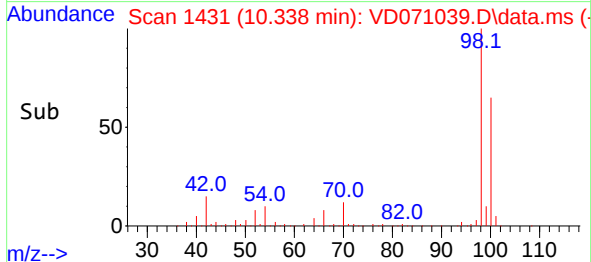
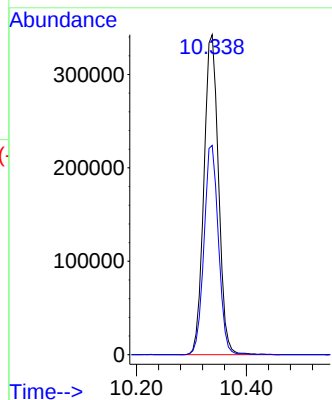
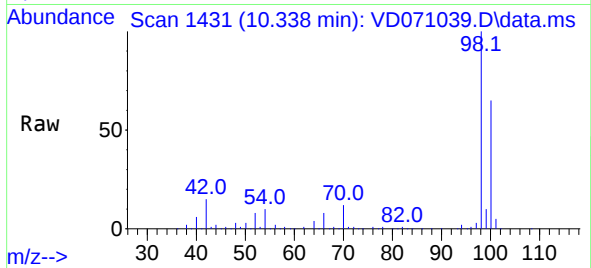




#50
Toluene-d8
Concen: 57.307 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071039.D
Acq: 16 Nov 2021 12:26

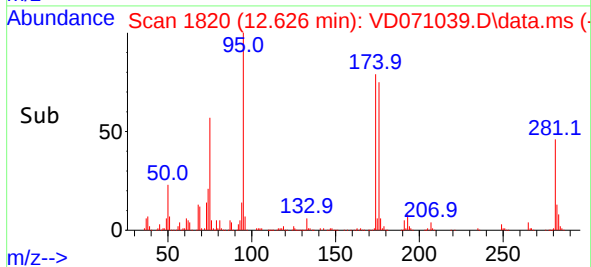
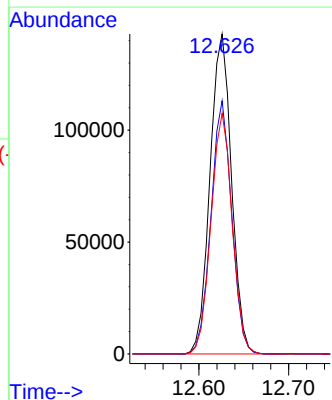
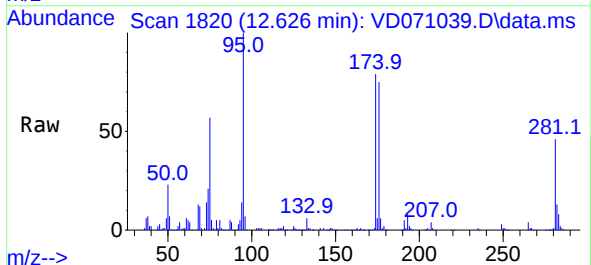
Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

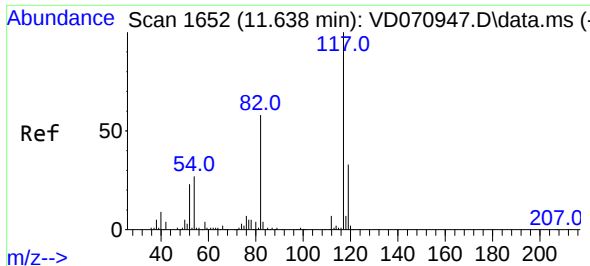
Tgt Ion: 98 Resp: 629223
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.143 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071039.D
Acq: 16 Nov 2021 12:26

Tgt Ion: 95 Resp: 237767
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 74.0 0.0 154.0

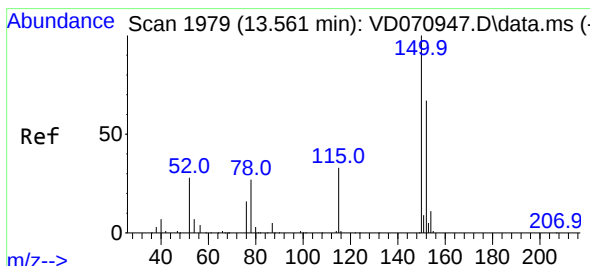
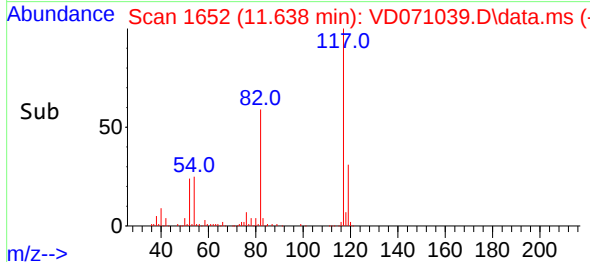
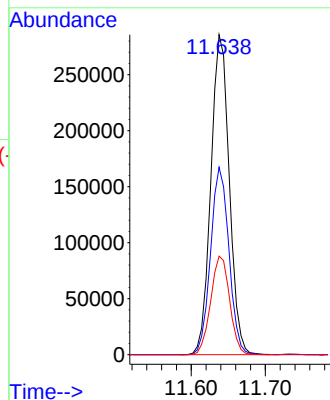
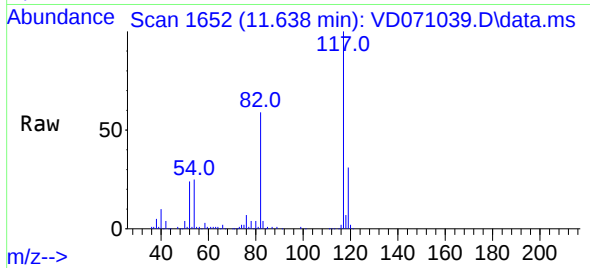




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071039.D
Acq: 16 Nov 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tgt Ion:117 Resp: 492631
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 30.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071039.D
Acq: 16 Nov 2021 12:26

Tgt Ion:152 Resp: 227416
Ion Ratio Lower Upper
152 100
115 61.7 29.8 89.3
150 157.4 0.0 349.2

