

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071134.D
 Acq On : 03 Dec 2021 14:31
 Operator : VA/SY
 Sample : M4931-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW9-GW-968-970

Quant Time: Dec 04 03:50:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	273060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	487282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	497401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	146685	45.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.560%
35) Dibromofluoromethane	7.914	113	151019	48.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.340%
50) Toluene-d8	10.338	98	616186	52.182	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.626	95	236660	57.818	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.640%

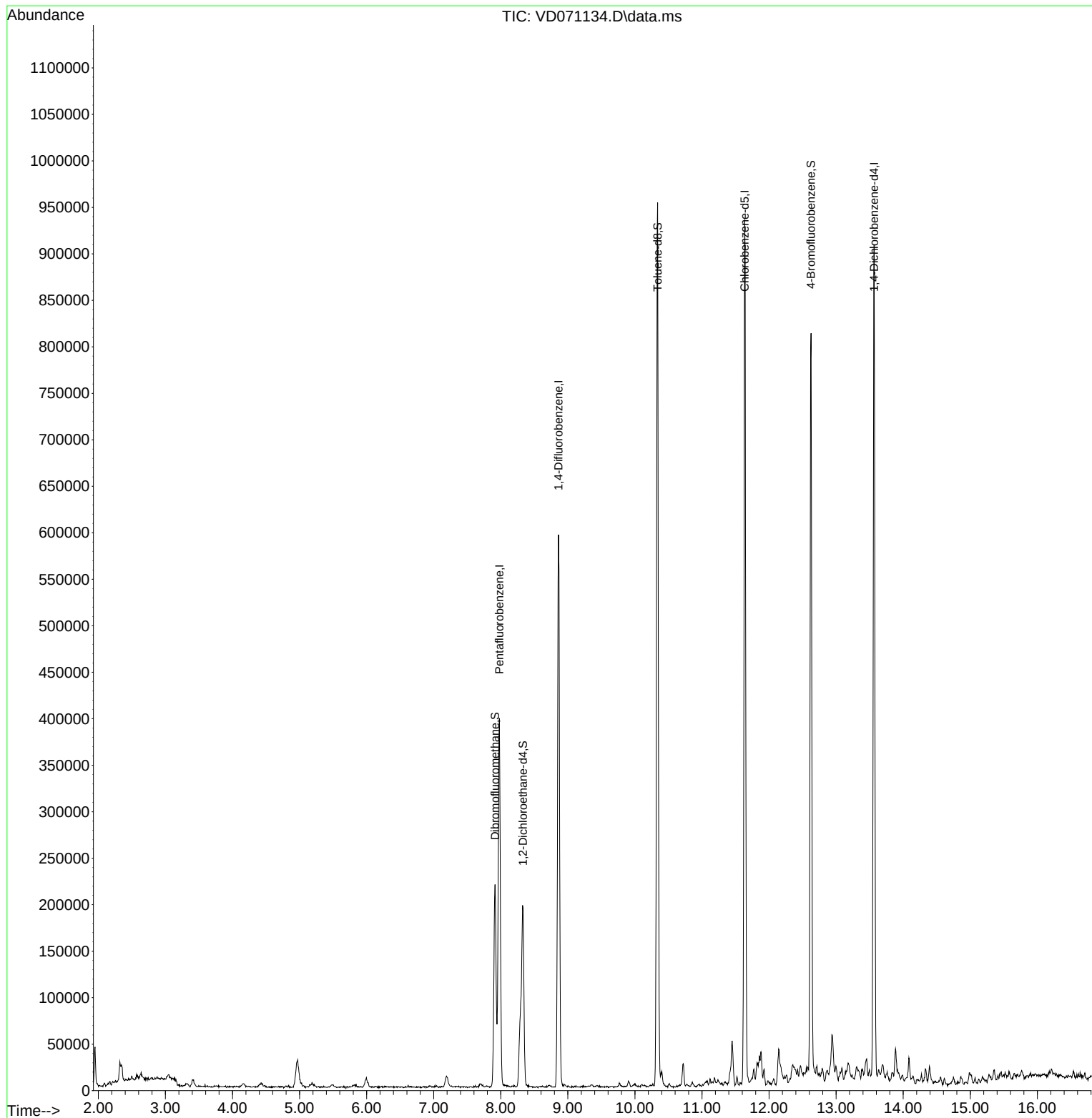
Target Compounds	Qvalue

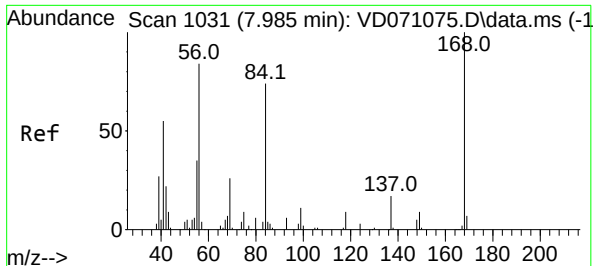
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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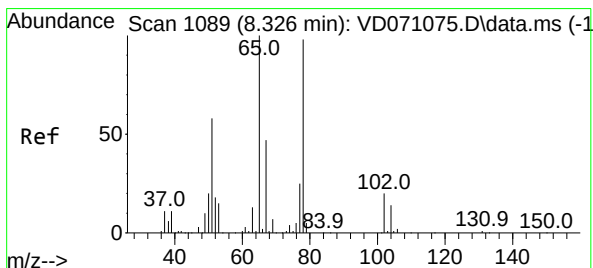
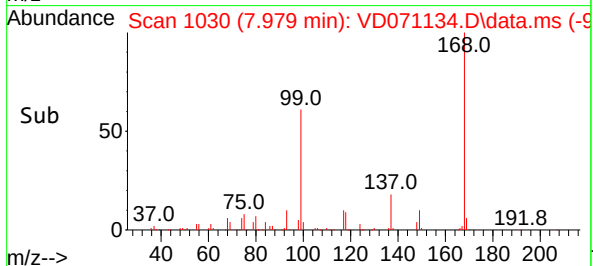
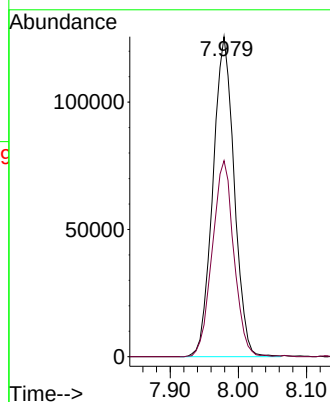
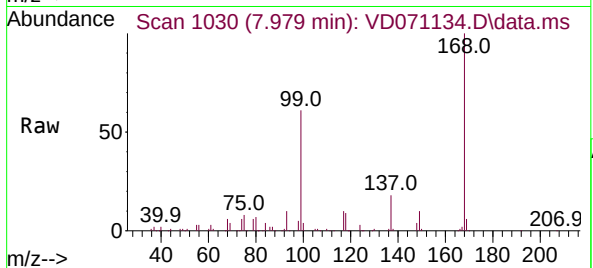




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071134.D
Acq: 03 Dec 2021 14:31

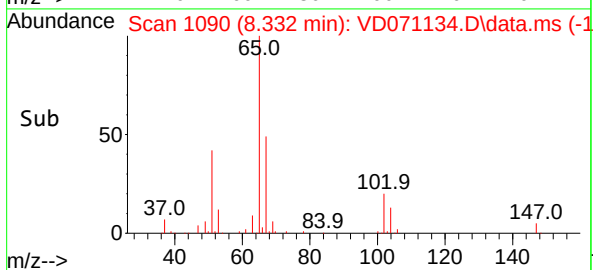
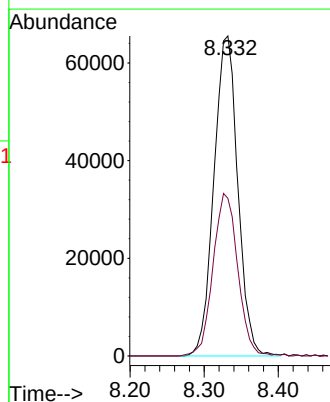
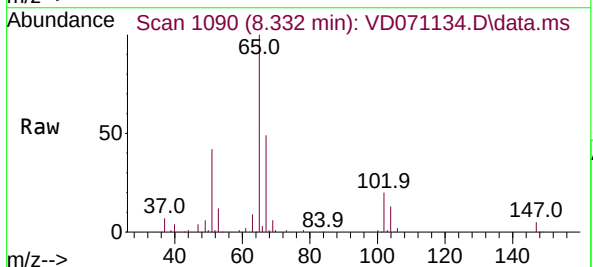
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-GW-968-970

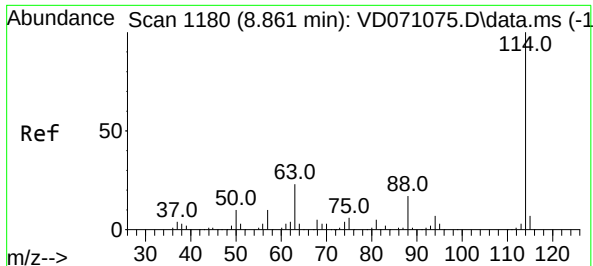
Tgt Ion:168 Resp: 273060
Ion Ratio Lower Upper
168 100
99 61.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 45.781 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071134.D
Acq: 03 Dec 2021 14:31

Tgt Ion: 65 Resp: 146685
Ion Ratio Lower Upper
65 100
67 52.7 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: VD071134.D

Acq: 03 Dec 2021 14:31

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW9-GW-968-970

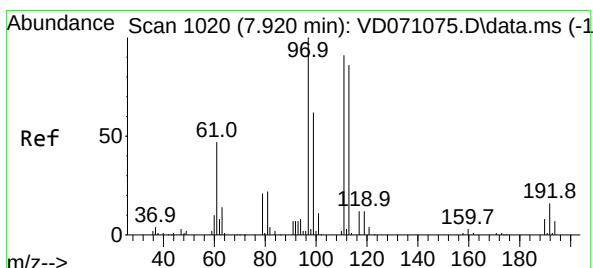
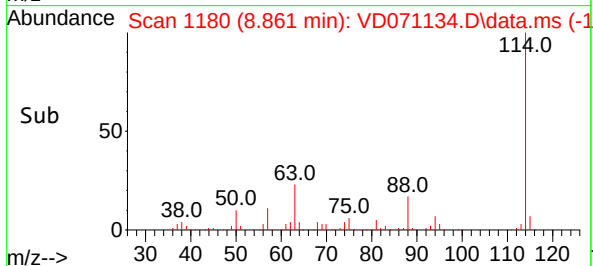
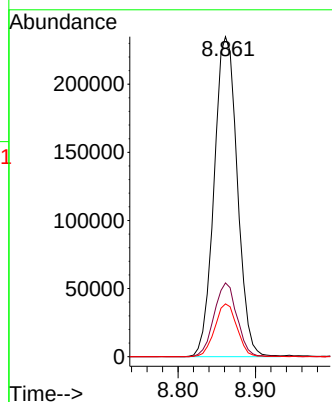
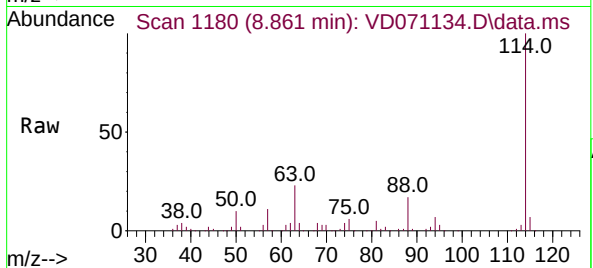
Tgt Ion:114 Resp: 487282

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.669 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071134.D

Acq: 03 Dec 2021 14:31

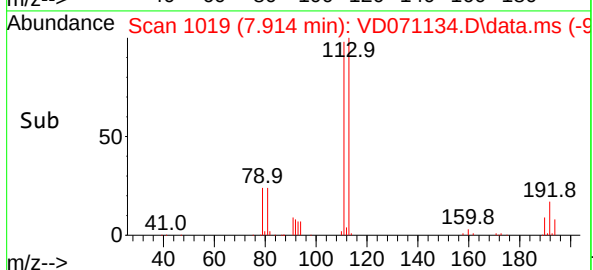
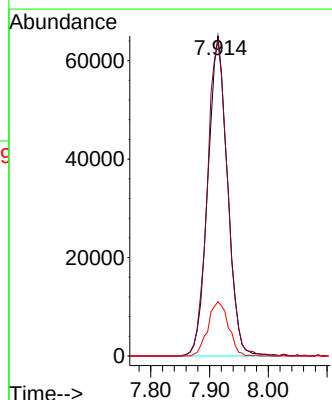
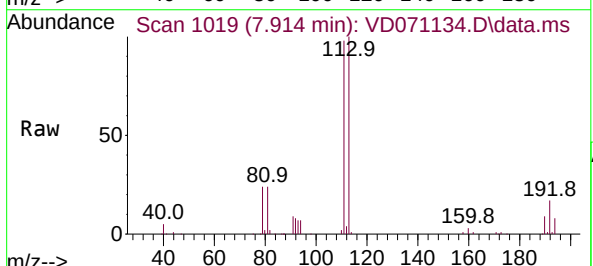
Tgt Ion:113 Resp: 151019

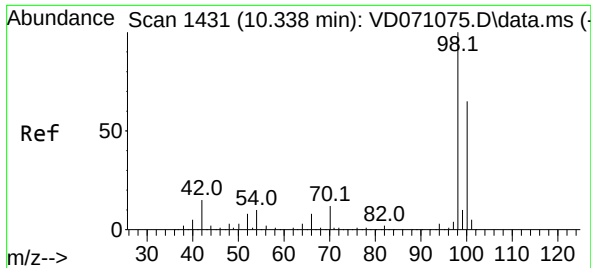
Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

192 17.6 15.2 22.8

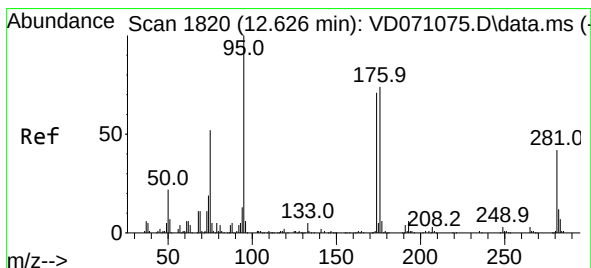
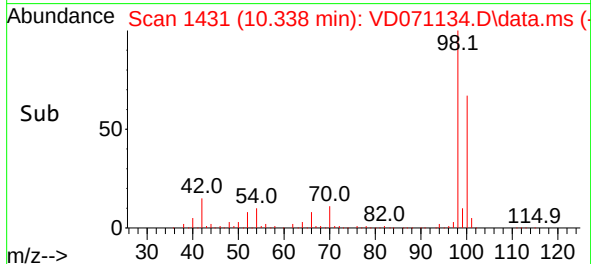
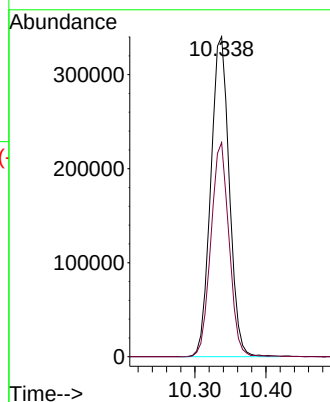
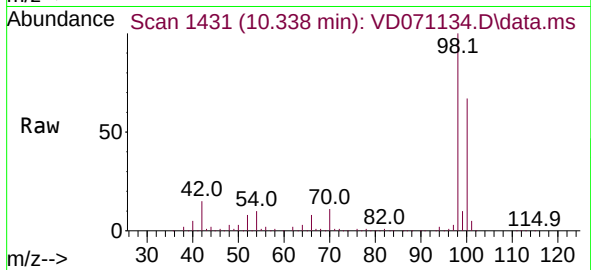




#50
Toluene-d8
Concen: 52.182 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071134.D
Acq: 03 Dec 2021 14:31

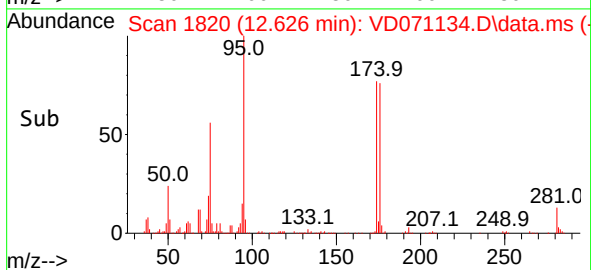
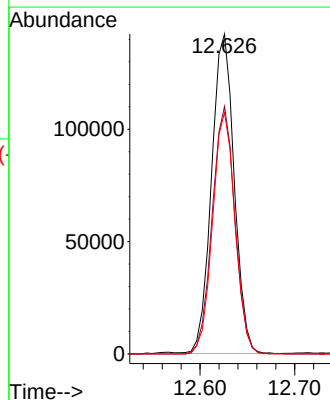
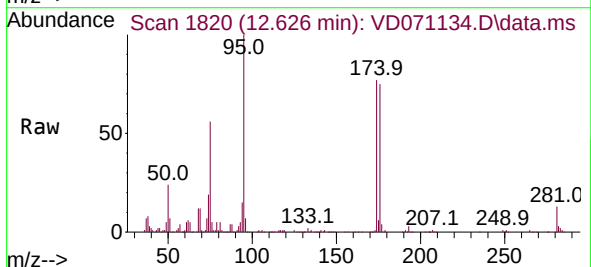
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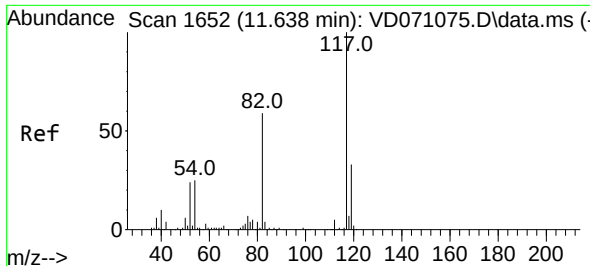
Tgt Ion: 98 Resp: 616186
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.818 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071134.D
Acq: 03 Dec 2021 14:31

Tgt Ion: 95 Resp: 236660
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 75.1 0.0 154.0

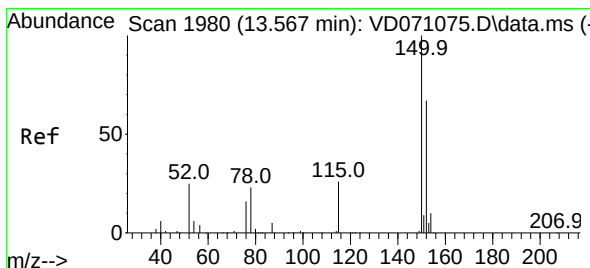
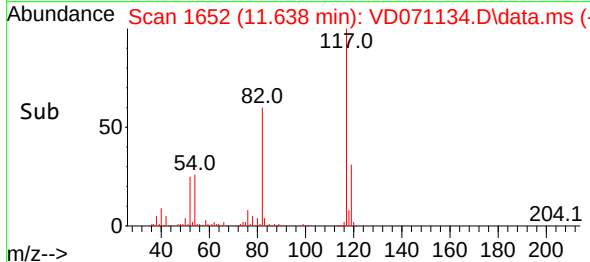
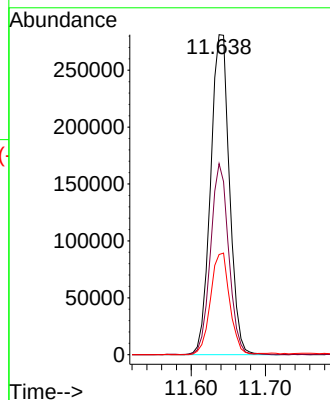
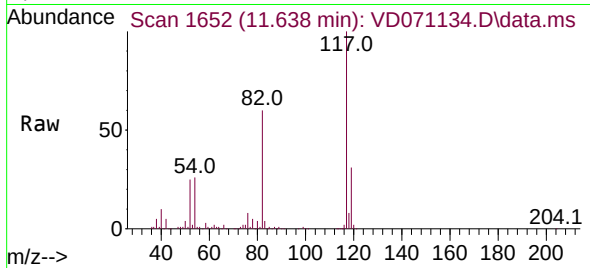




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071134.D
Acq: 03 Dec 2021 14:31

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-GW-968-970

Tgt Ion:117 Resp: 497401
Ion Ratio Lower Upper
117 100
82 59.6 44.7 67.1
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071134.D
Acq: 03 Dec 2021 14:31

Tgt Ion:152 Resp: 225959
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.3
150 157.1 0.0 349.2

