

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071479.D
 Acq On : 27 Dec 2021 11:40
 Operator : VA/SY
 Sample : VD1227SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBL01

Quant Time: Dec 27 16:46:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	366919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	628672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	555013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	252085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	243171	49.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.800%
35) Dibromofluoromethane	7.914	113	224907	53.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.460%
50) Toluene-d8	10.338	98	823453	51.572	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.626	95	287471	50.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.340%

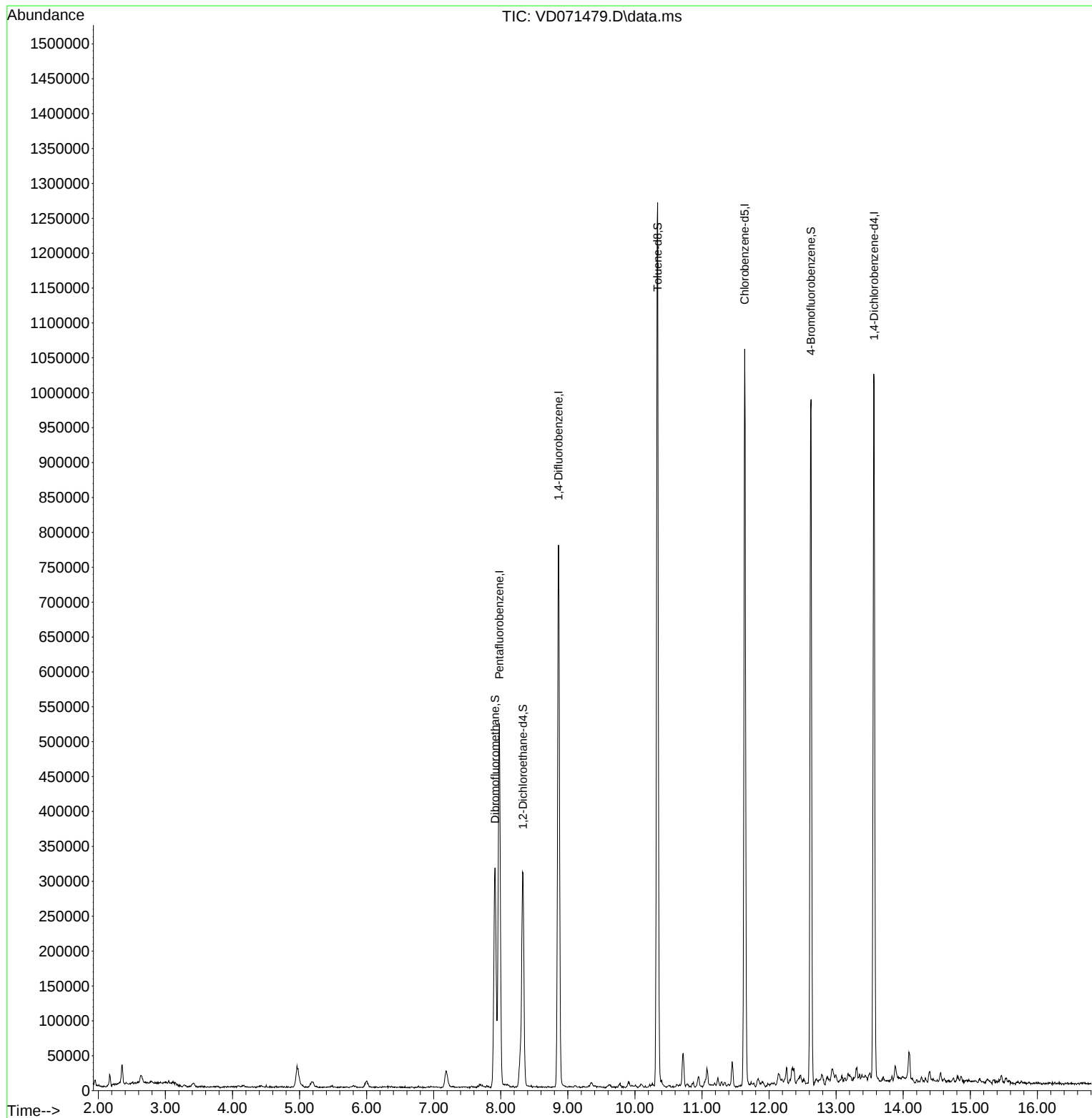
Target Compounds	Qvalue

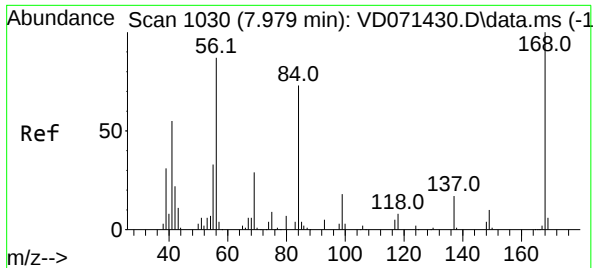
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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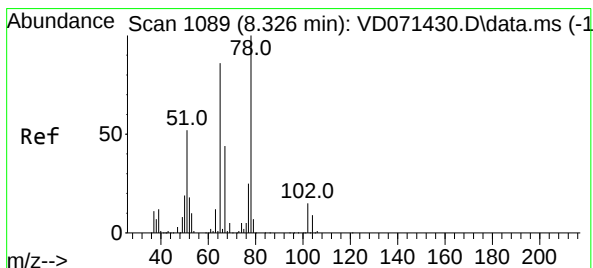
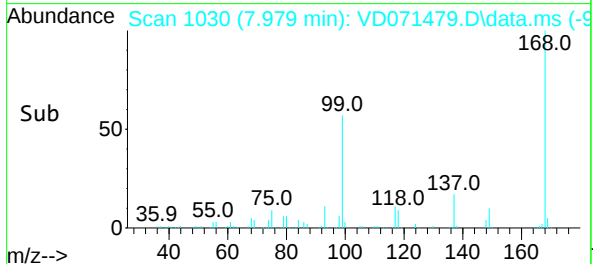
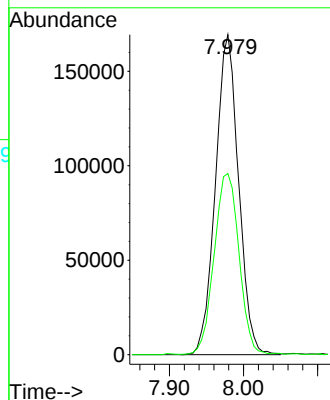
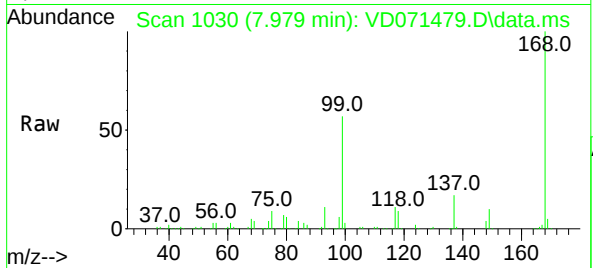




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

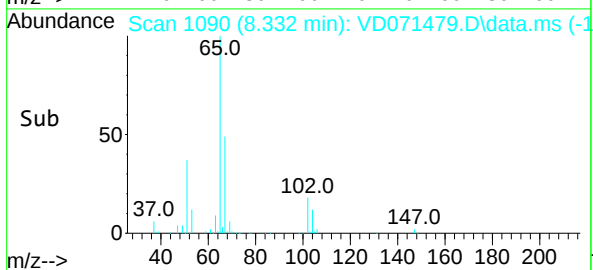
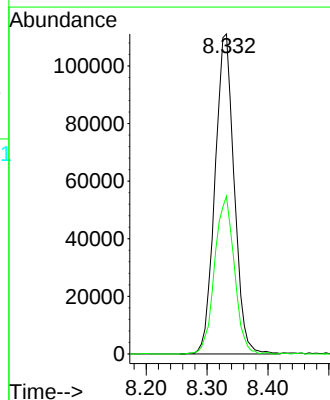
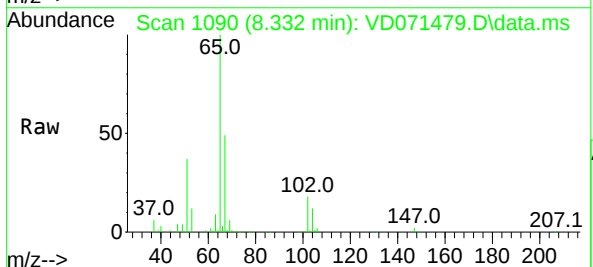
Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

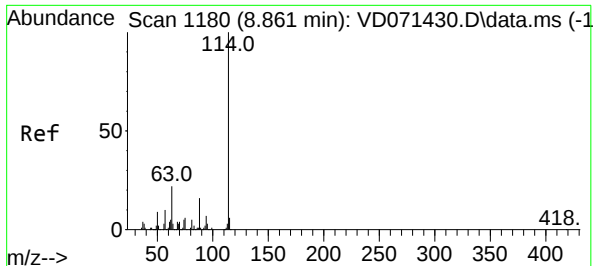
Tgt Ion:168 Resp: 366919
Ion Ratio Lower Upper
168 100
99 56.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 49.902 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

Tgt Ion: 65 Resp: 243171
Ion Ratio Lower Upper
65 100
67 50.5 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: VD071479.D

Acq: 27 Dec 2021 11:40

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBL01

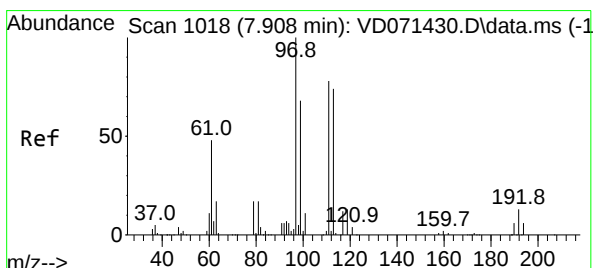
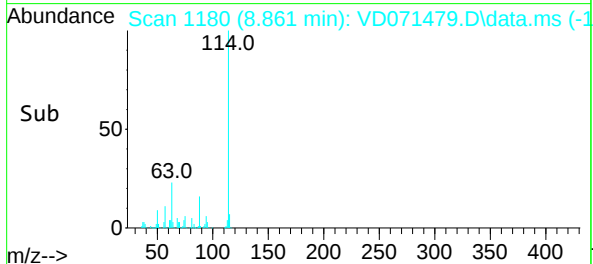
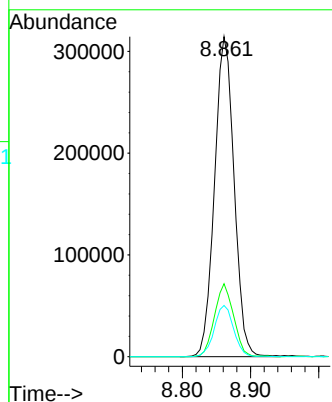
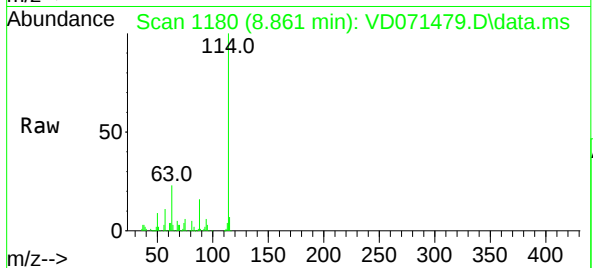
Tgt Ion:114 Resp: 628672

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.230 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071479.D

Acq: 27 Dec 2021 11:40

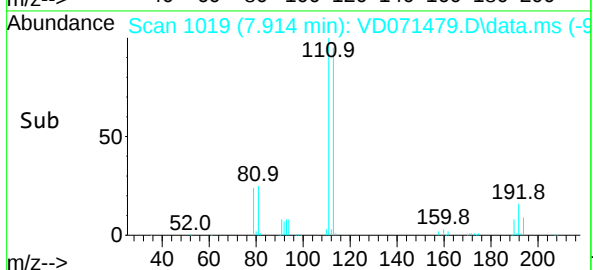
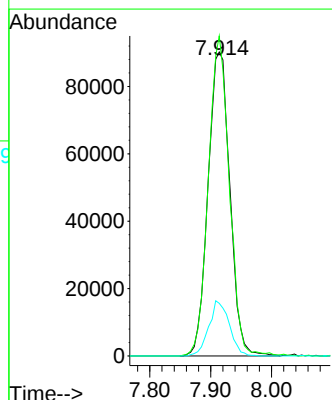
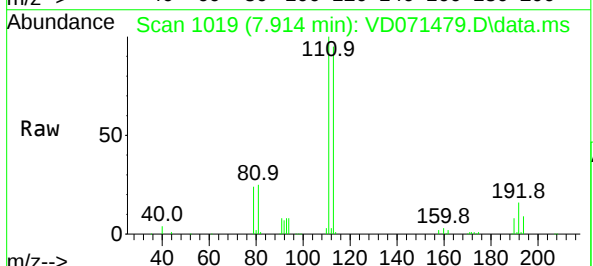
Tgt Ion:113 Resp: 224907

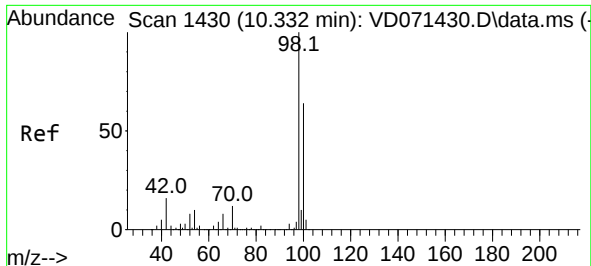
Ion Ratio Lower Upper

113 100

111 100.9 82.0 123.0

192 17.0 15.2 22.8

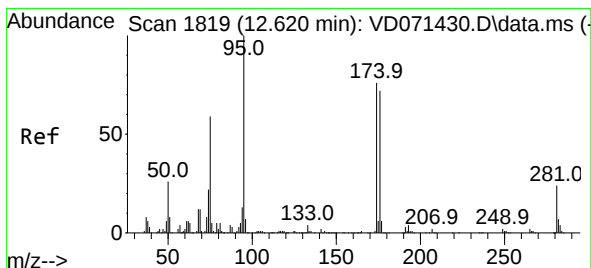
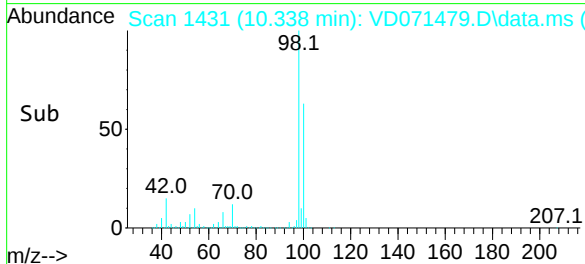
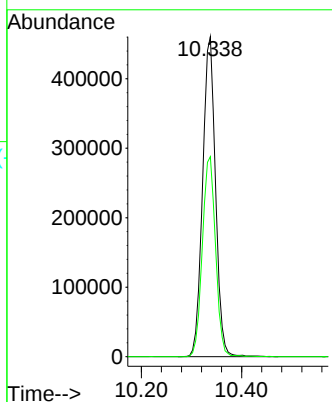
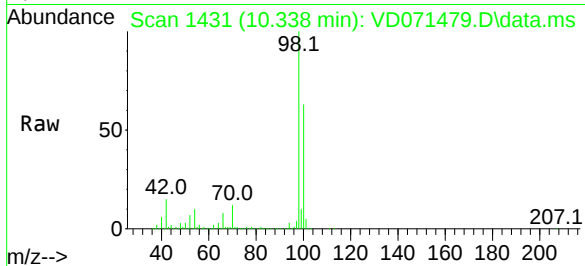




#50
Toluene-d8
Concen: 51.572 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

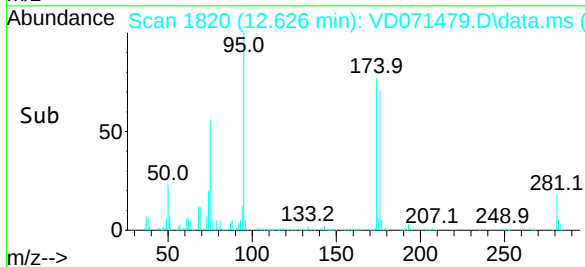
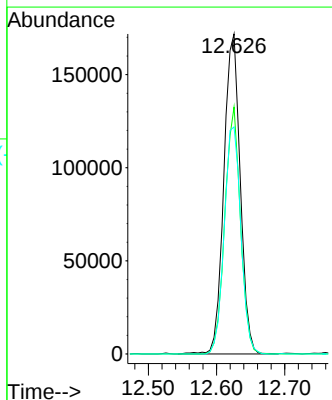
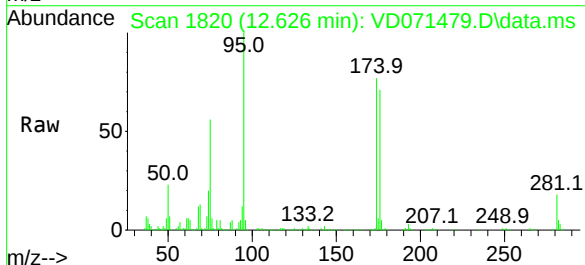
Instrument :
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VD1227SBL01

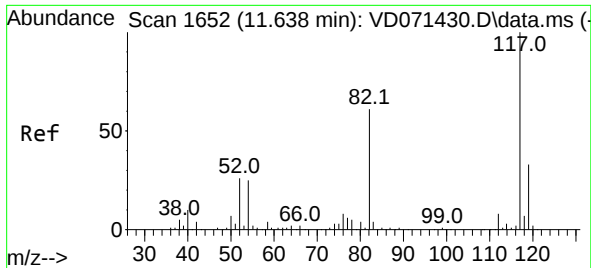
Tgt Ion: 98 Resp: 823453
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.666 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

Tgt Ion: 95 Resp: 287471
Ion Ratio Lower Upper
95 100
174 73.5 0.0 159.4
176 72.1 0.0 154.0

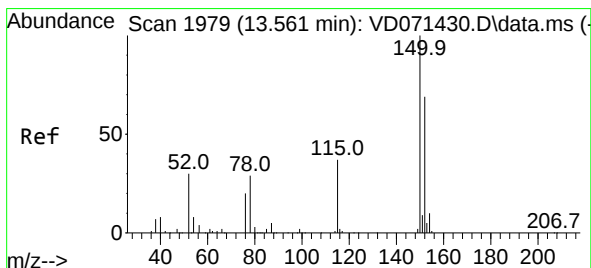
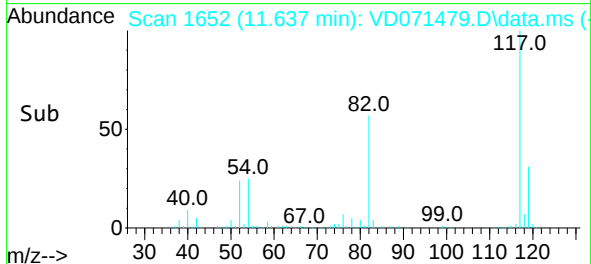
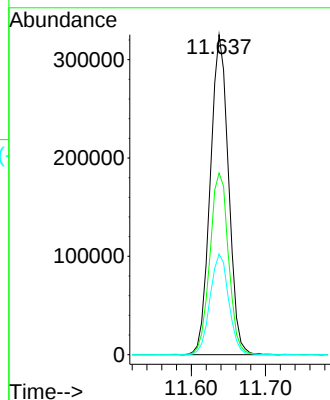
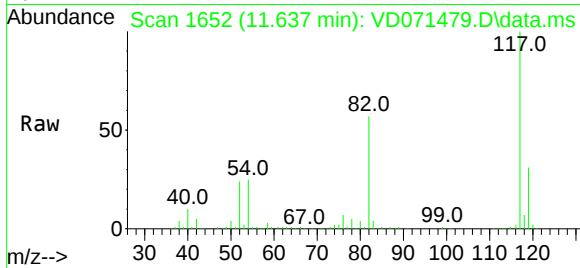




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

Tgt Ion:117 Resp: 555013
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 31.5 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: VD071479.D
Acq: 27 Dec 2021 11:40

Tgt Ion:152 Resp: 252085
Ion Ratio Lower Upper
152 100
115 62.0 29.8 89.3
150 158.8 0.0 349.2

