

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071538.D
 Acq On : 30 Dec 2021 10:06
 Operator : VA/SY
 Sample : VD1230SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBL01

Quant Time: Dec 30 15:27:56 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	274458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	485614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	446379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	200837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	195301	53.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.160%
35) Dibromofluoromethane	7.914	113	165545	50.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.440%
50) Toluene-d8	10.338	98	586122	47.522	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.626	95	199746	45.576	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.160%

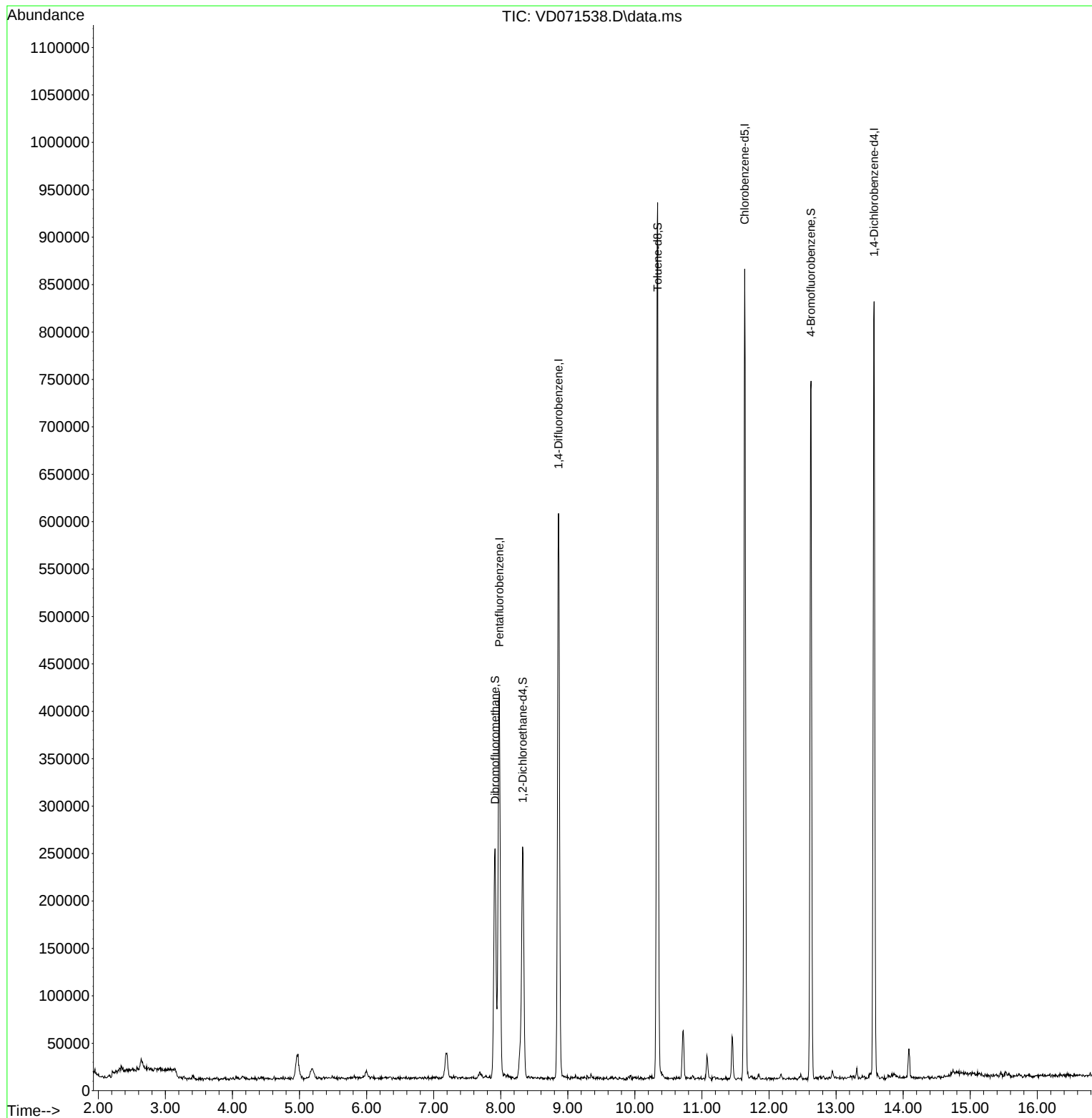
Target Compounds	Qvalue

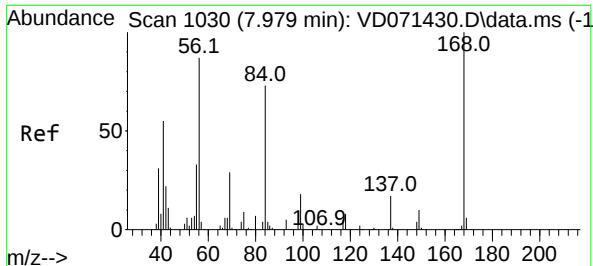
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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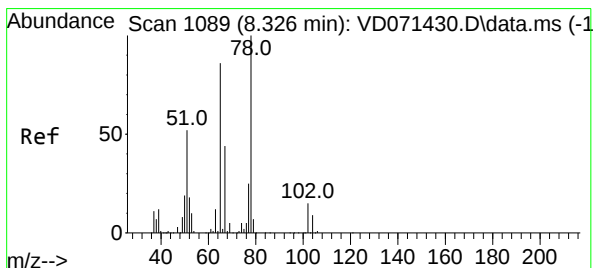
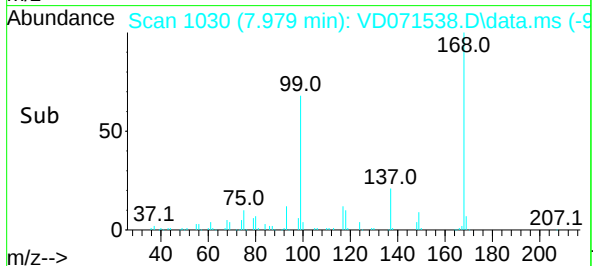
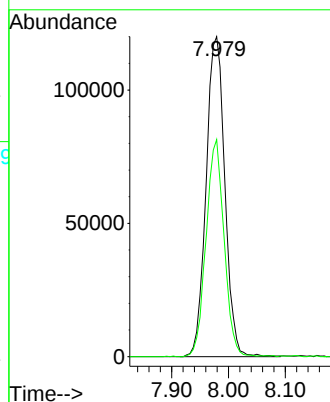
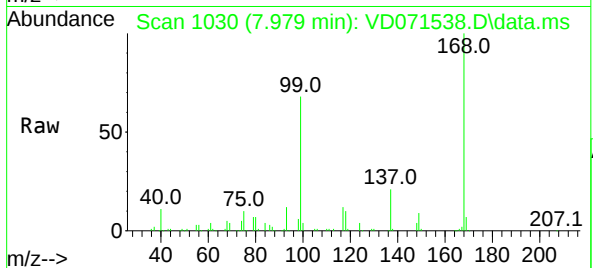




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071538.D
Acq: 30 Dec 2021 10:06

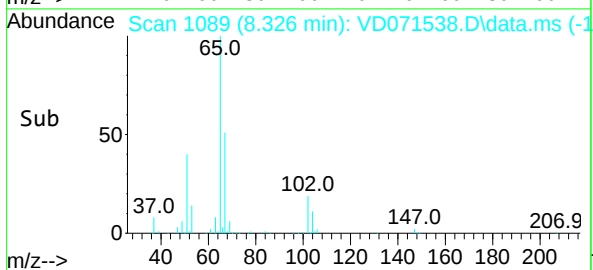
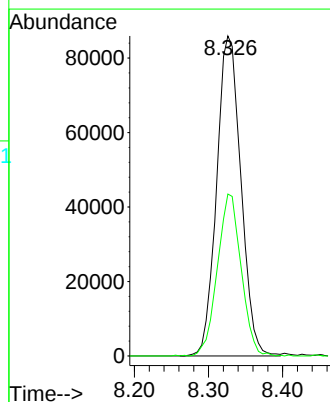
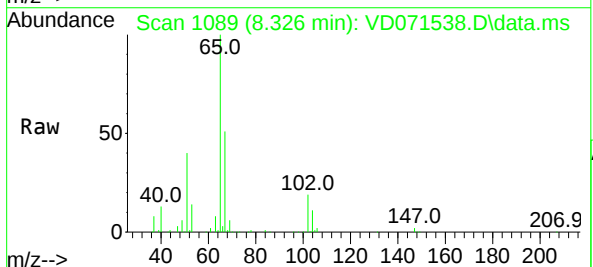
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBL01

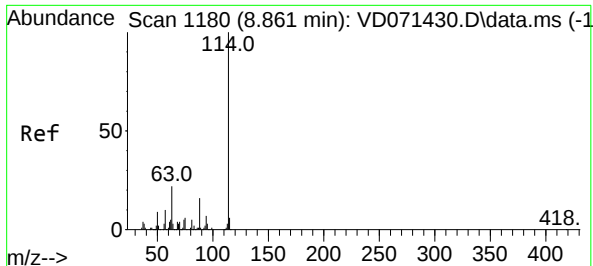
Tgt Ion:168 Resp: 274458
Ion Ratio Lower Upper
168 100
99 67.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.580 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071538.D
Acq: 30 Dec 2021 10:06

Tgt Ion: 65 Resp: 195301
Ion Ratio Lower Upper
65 100
67 49.6 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: VD071538.D

Acq: 30 Dec 2021 10:06

Instrument :

MSVOA_D

ClientSampleId :

VD1230SBL01

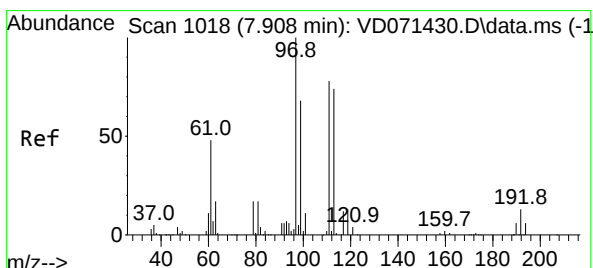
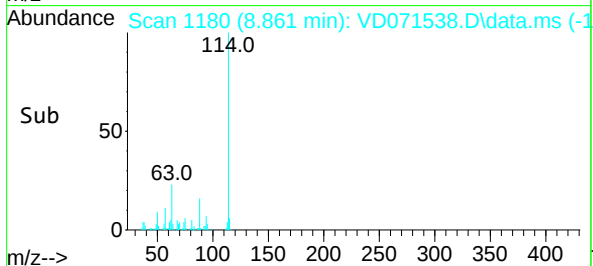
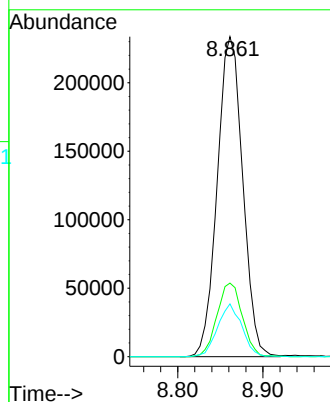
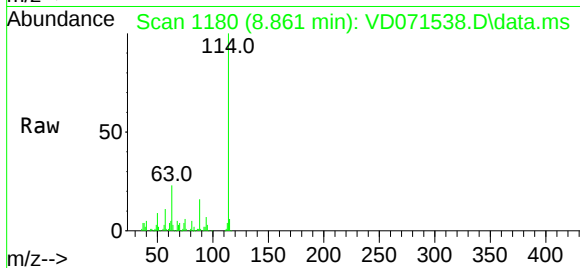
Tgt Ion:114 Resp: 485614

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.723 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071538.D

Acq: 30 Dec 2021 10:06

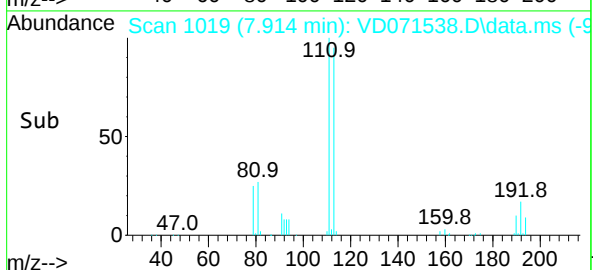
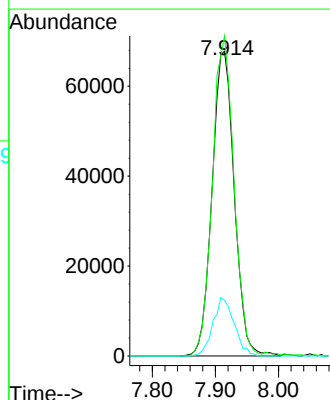
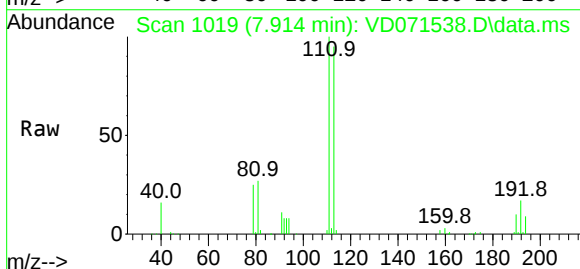
Tgt Ion:113 Resp: 165545

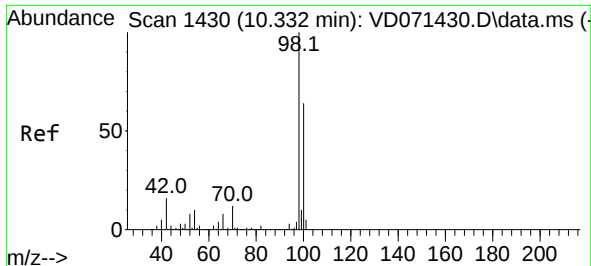
Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 18.2 15.2 22.8

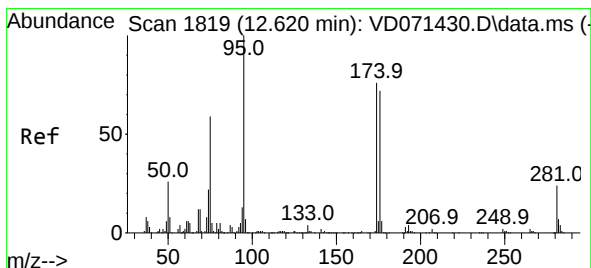
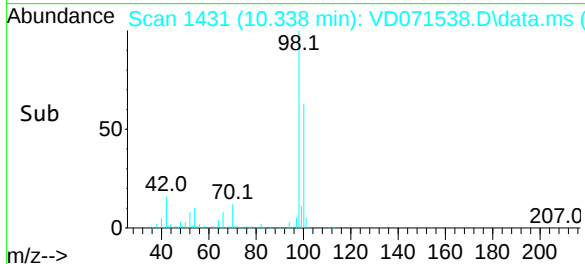
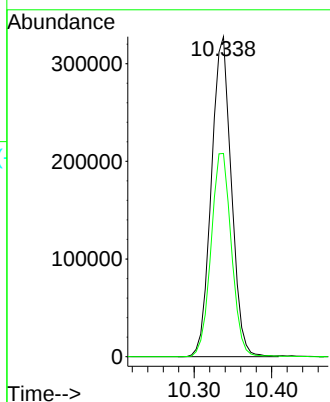
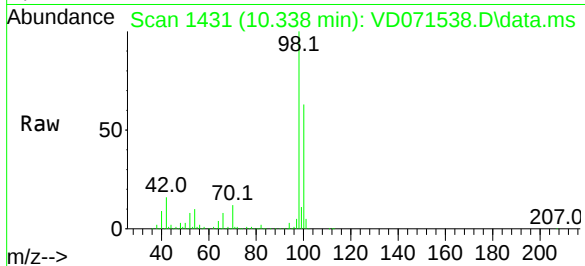




#50
Toluene-d8
Concen: 47.522 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071538.D
Acq: 30 Dec 2021 10:06

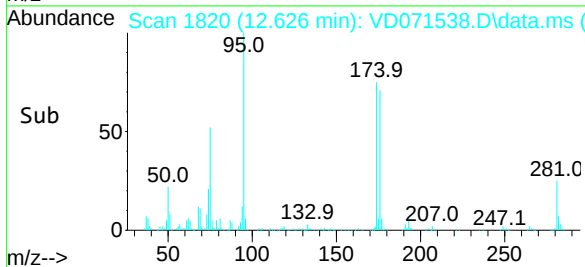
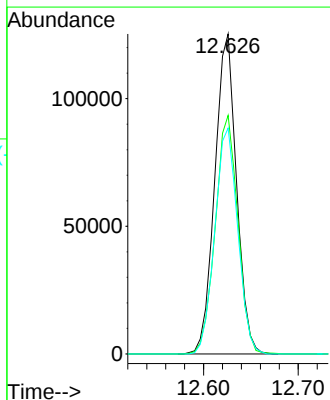
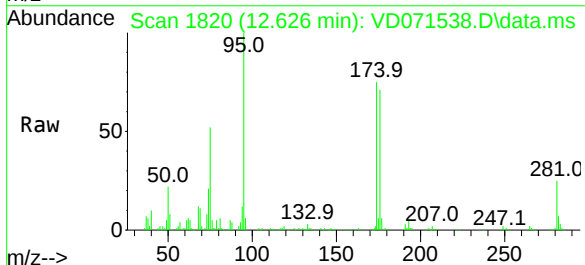
Instrument :
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VD1230SBL01

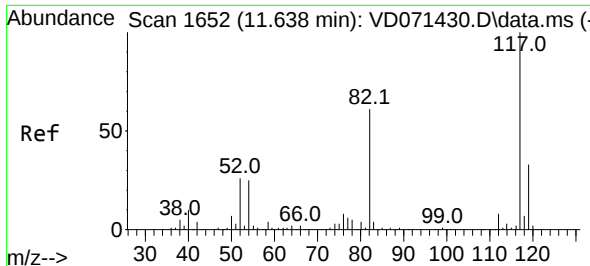
Tgt Ion: 98 Resp: 586122
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.576 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071538.D
Acq: 30 Dec 2021 10:06

Tgt Ion: 95 Resp: 199746
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.4
176 74.3 0.0 154.0

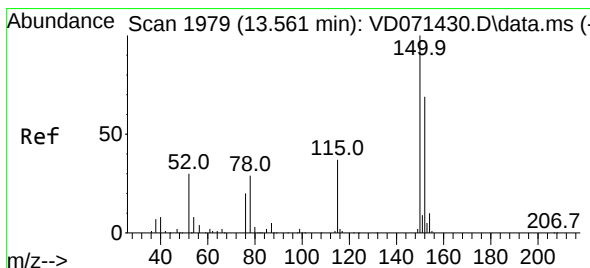
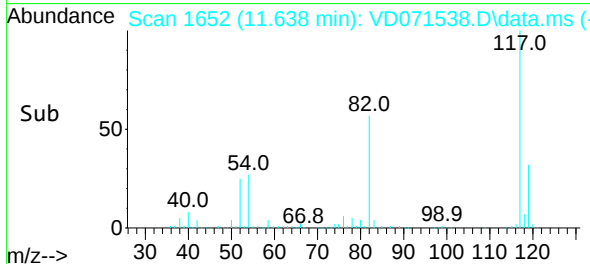
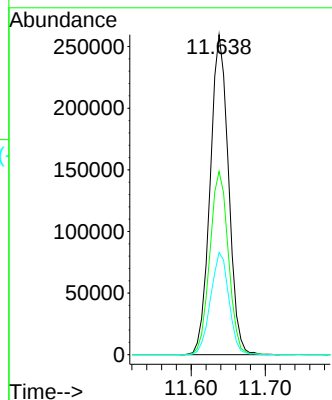
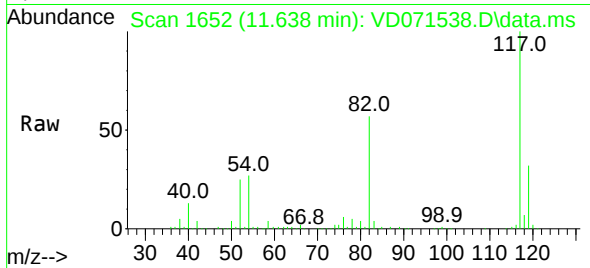




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071538.D
Acq: 30 Dec 2021 10:06

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBL01

Tgt Ion:117 Resp: 446379
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 31.9 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: VD071538.D
Acq: 30 Dec 2021 10:06

Tgt Ion:152 Resp: 200837
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 157.1 0.0 349.2

