

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071502.D
 Acq On : 28 Dec 2021 14:49
 Operator : VA/SY
 Sample : M5224-01
 Misc : 6.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Dec 28 16:00:29 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	7.973	168	216845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	405865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	410073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	198294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	200090	69.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.960%
35) Dibromofluoromethane	7.914	113	147535	54.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.180%
50) Toluene-d8	10.332	98	505994	49.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.626	95	196674	53.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.380%

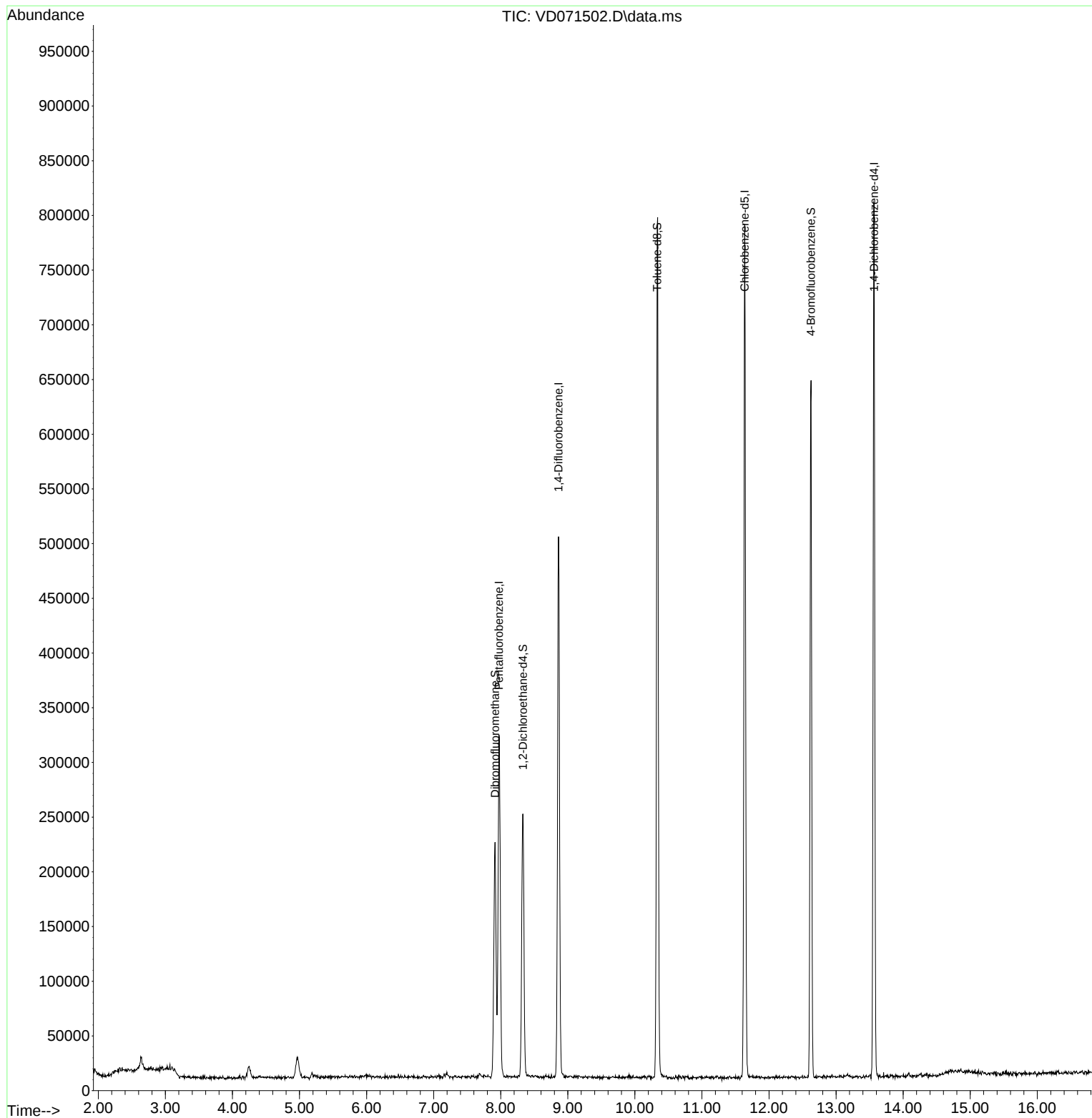
Target Compounds Qvalue

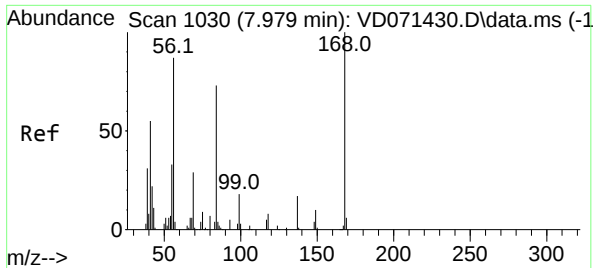
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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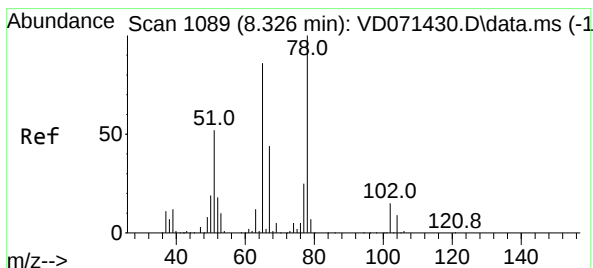
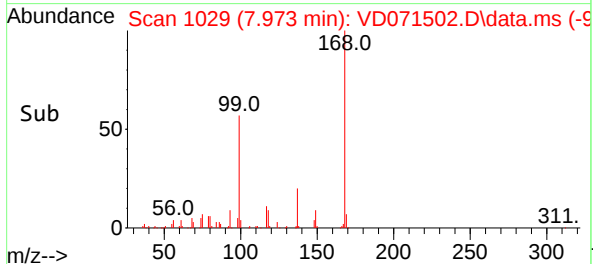
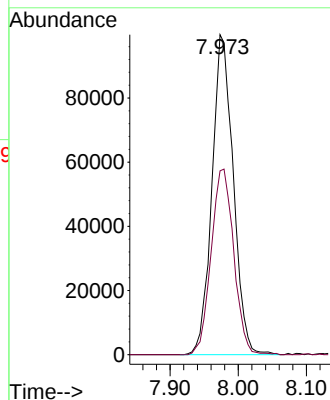
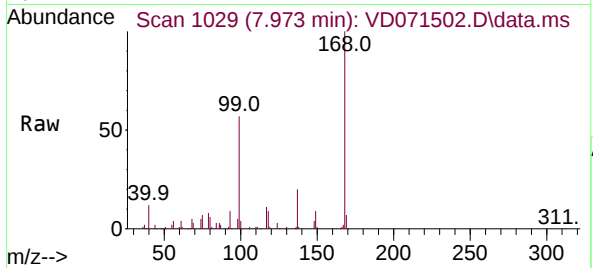




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

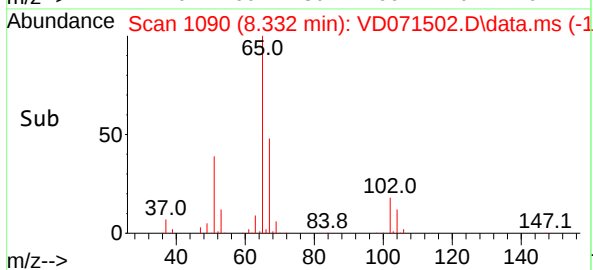
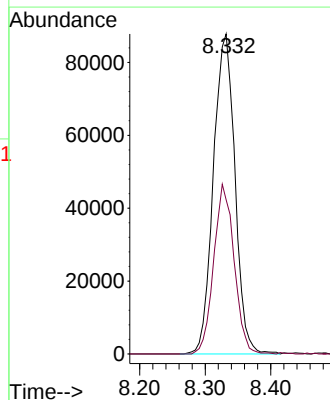
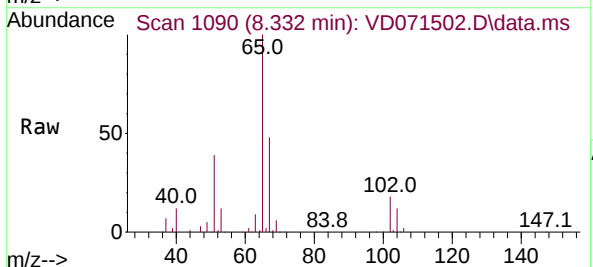
Instrument :
MSVOA_D
ClientSampleId :
SB-1

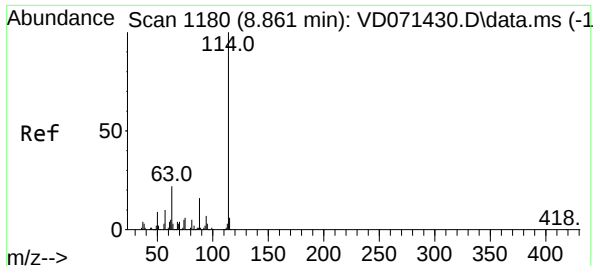
Tgt Ion:168 Resp: 216845
Ion Ratio Lower Upper
168 100
99 57.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 69.478 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion: 65 Resp: 200090
Ion Ratio Lower Upper
65 100
67 50.2 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: VD071502.D

Acq: 28 Dec 2021 14:49

Instrument :

MSVOA_D

ClientSampleId :

SB-1

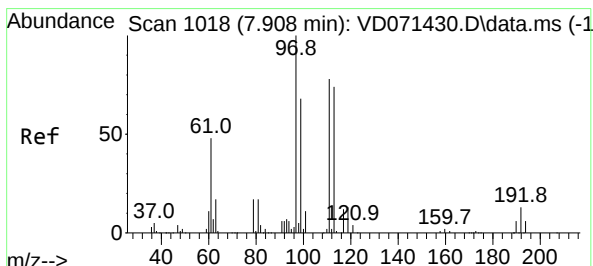
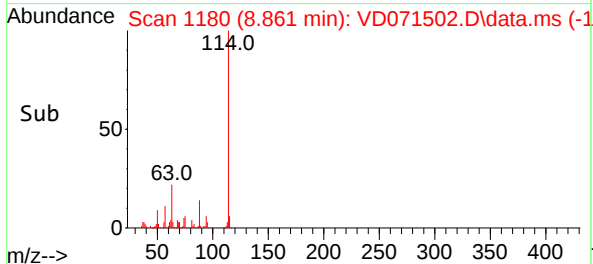
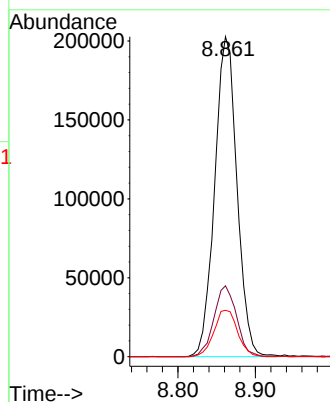
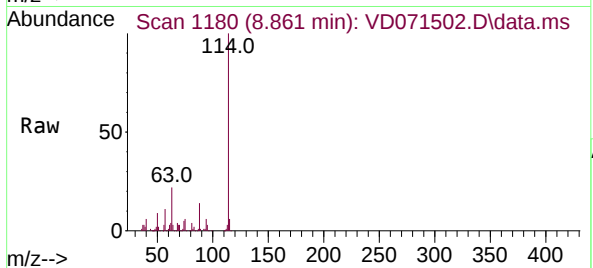
Tgt Ion:114 Resp: 405865

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 14.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.087 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071502.D

Acq: 28 Dec 2021 14:49

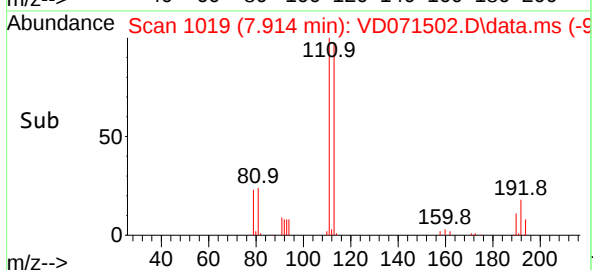
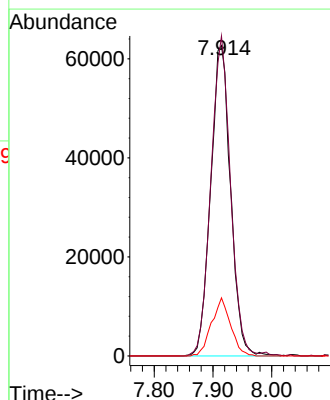
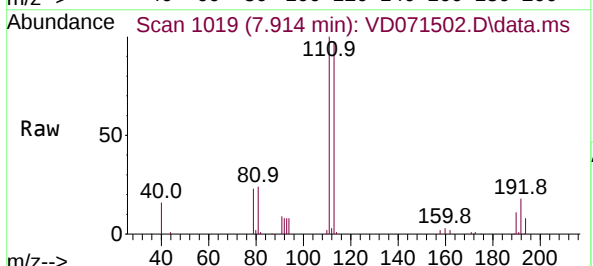
Tgt Ion:113 Resp: 147535

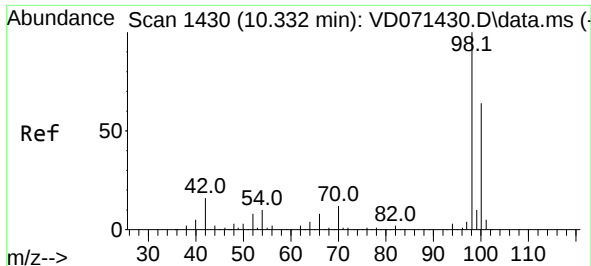
Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

192 17.9 15.2 22.8

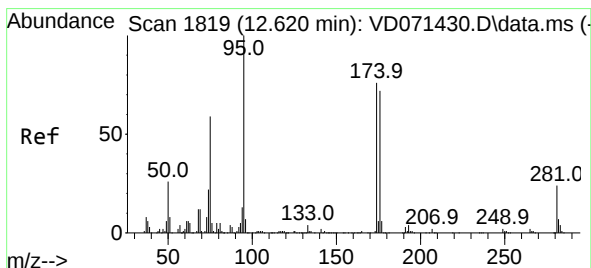
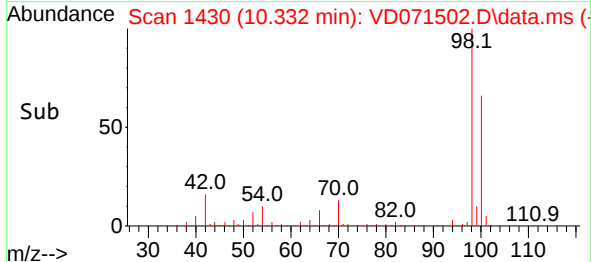
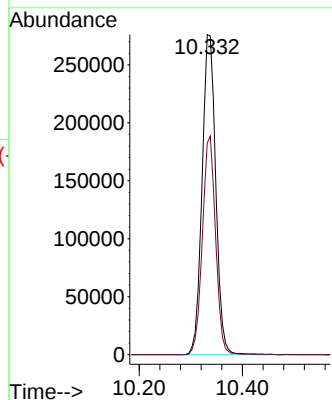
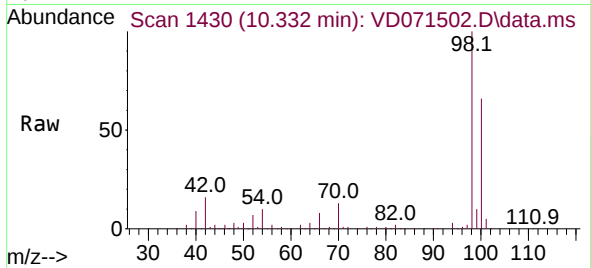




#50
Toluene-d8
Concen: 49.087 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

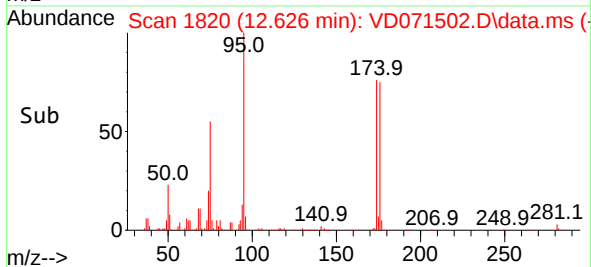
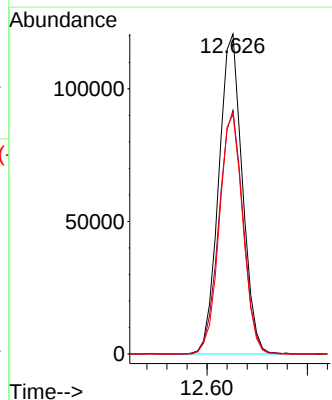
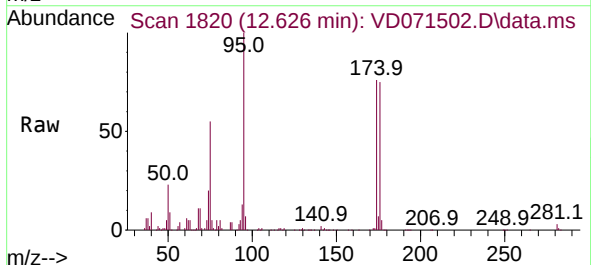
Instrument :
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SB-1

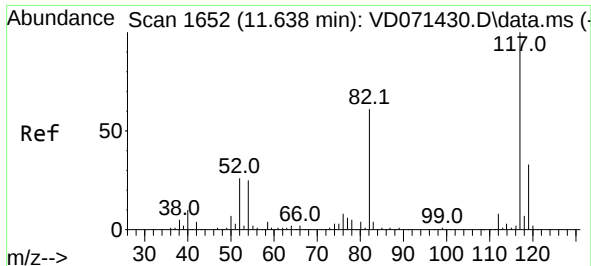
Tgt Ion: 98 Resp: 505994
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.692 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion: 95 Resp: 196674
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.4
176 74.8 0.0 154.0

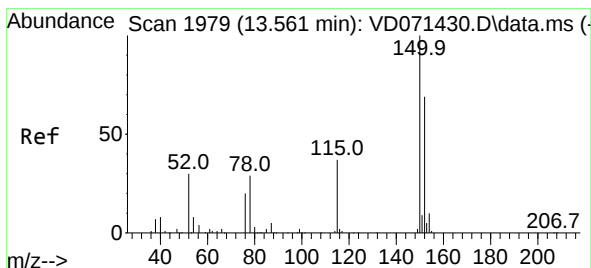
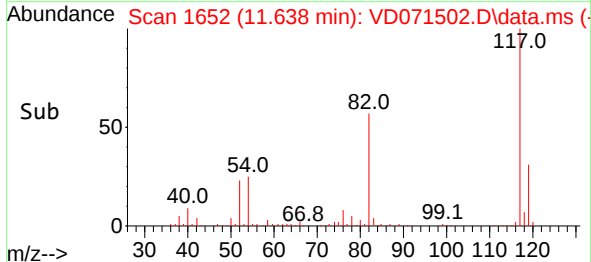
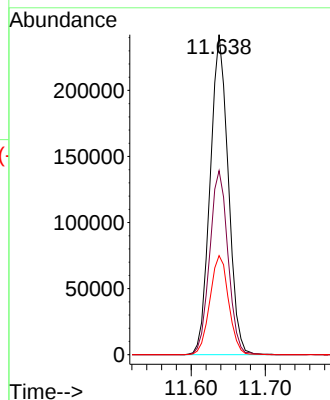
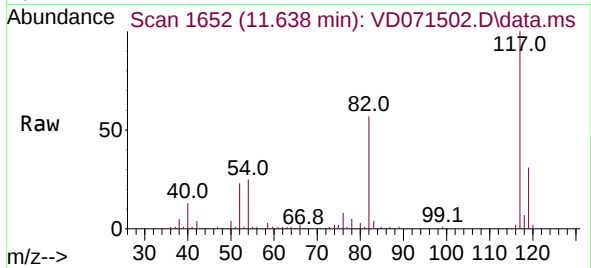




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 410073
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.0 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: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion:152 Resp: 198294
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 158.3 0.0 349.2

