

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073547.D
 Acq On : 13 Jun 2022 15:42
 Operator : VA/SY
 Sample : N3299-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM-4RE

Quant Time: Jun 14 01:28:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	192481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	358674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	441220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	109635	53.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.160%
35) Dibromofluoromethane	7.908	113	57022	24.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.440%#
50) Toluene-d8	10.332	98	463826	53.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.380%
62) 4-Bromofluorobenzene	12.620	95	205783	65.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.000%

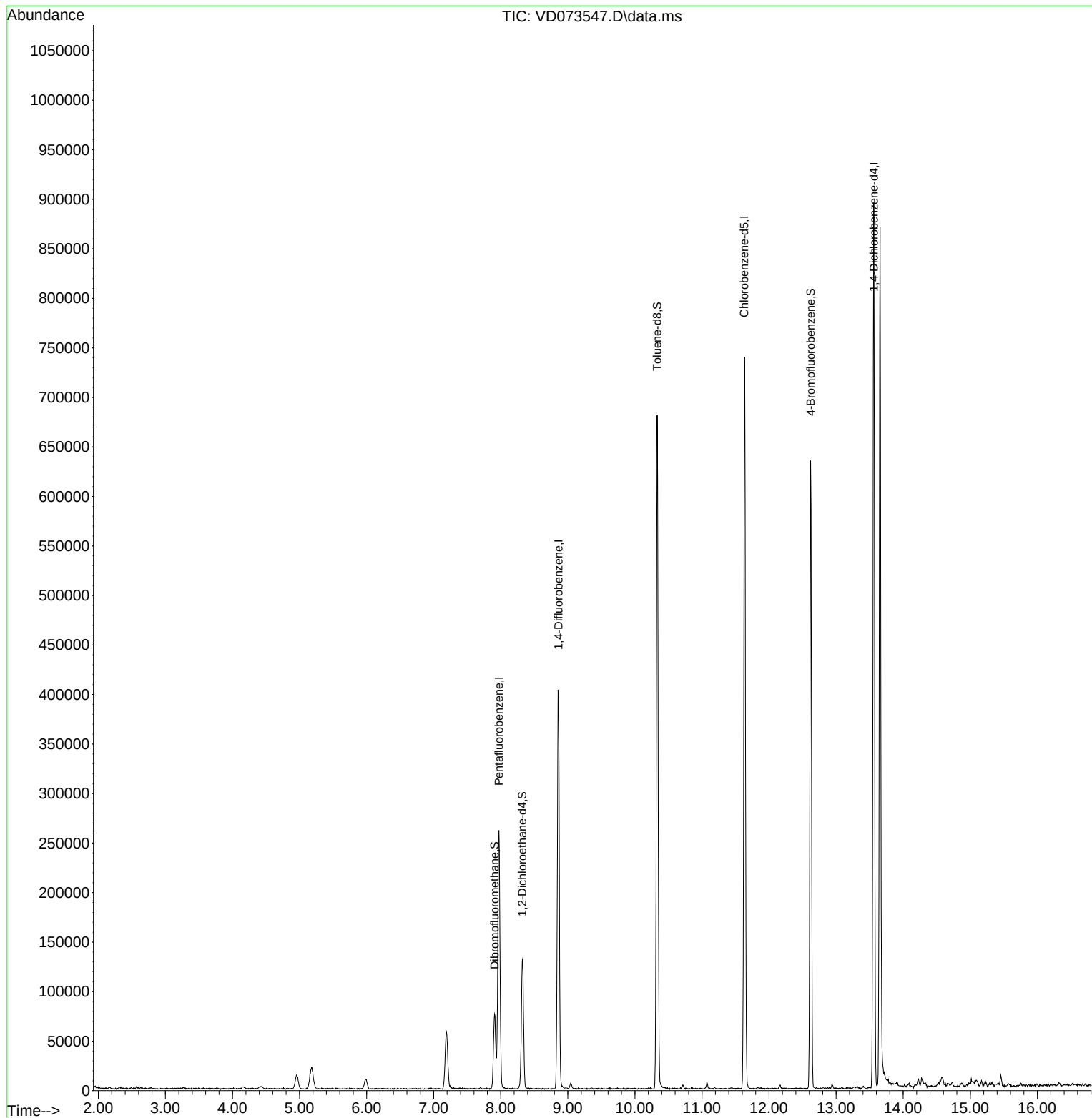
Target Compounds	Qvalue

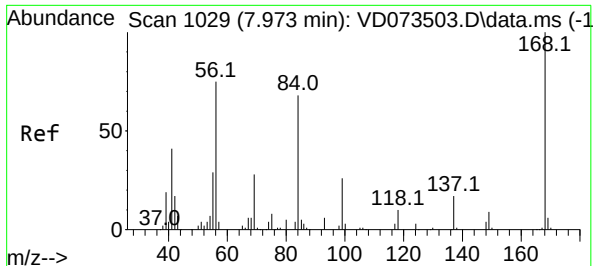
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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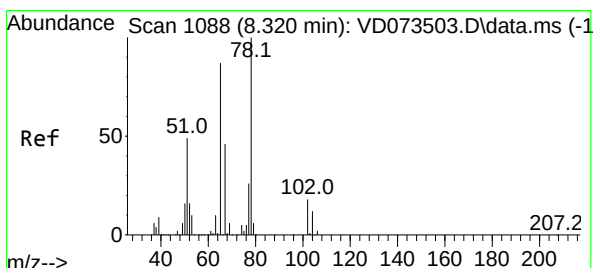
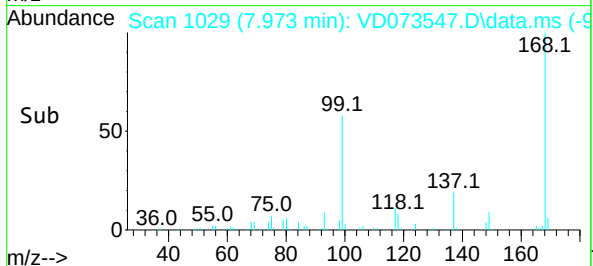
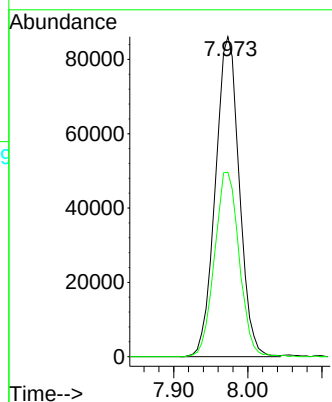
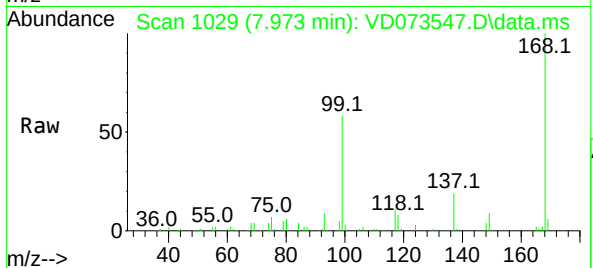




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

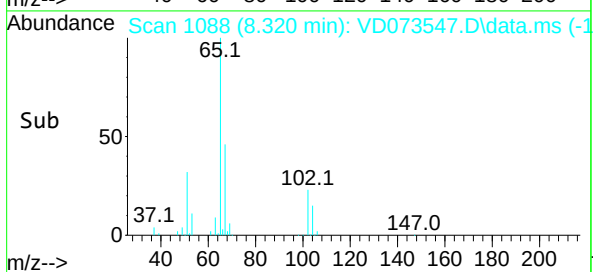
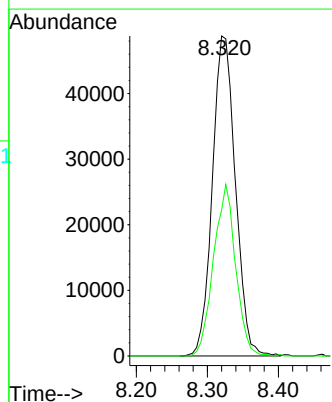
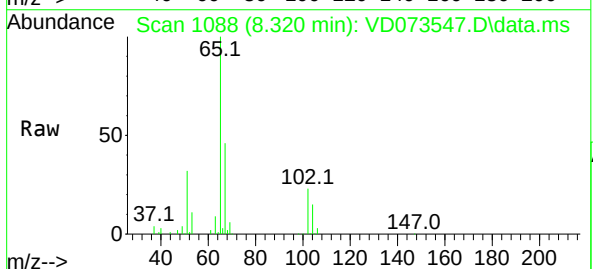
Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

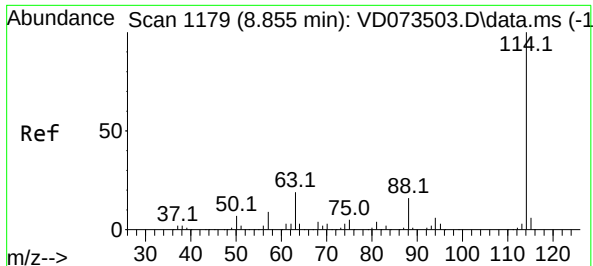
Tgt Ion:168 Resp: 192481
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.077 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Tgt Ion: 65 Resp: 109635
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073547.D

Acq: 13 Jun 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

COM-4RE

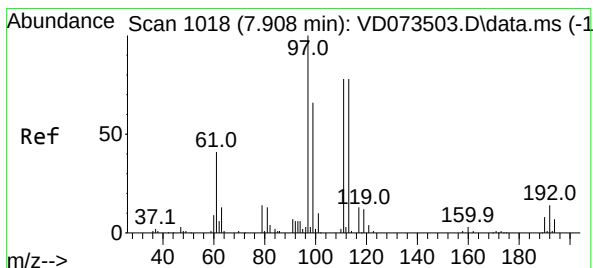
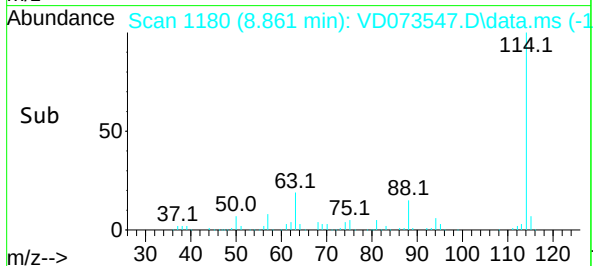
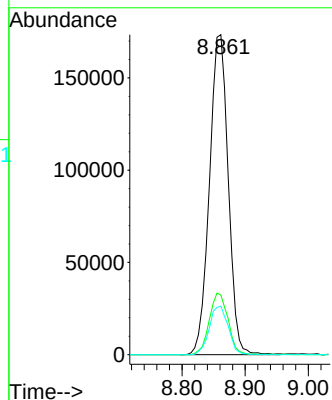
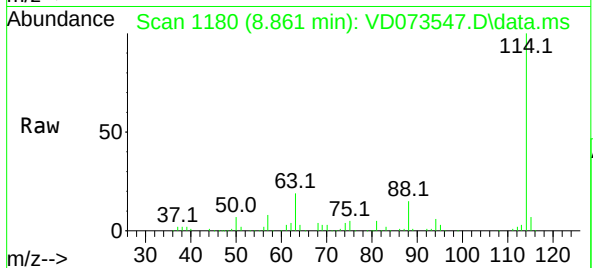
Tgt Ion:114 Resp: 358674

Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 24.723 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073547.D

Acq: 13 Jun 2022 15:42

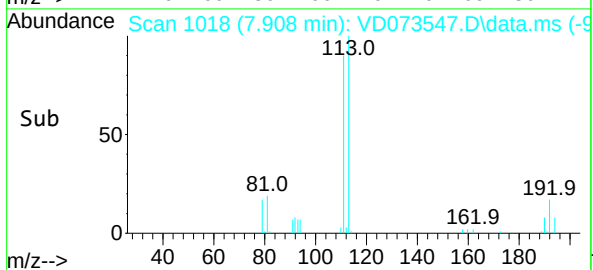
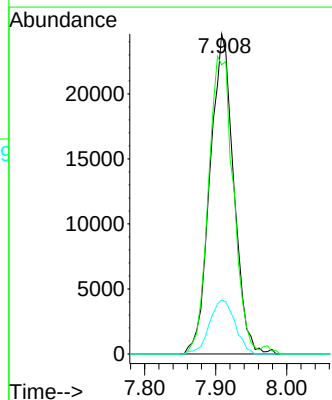
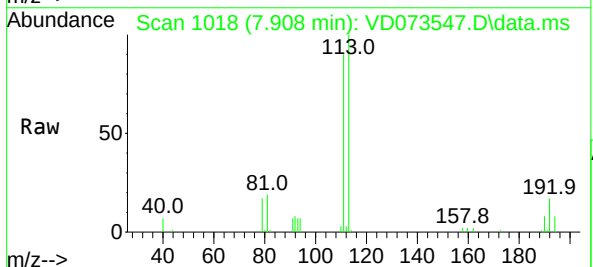
Tgt Ion:113 Resp: 57022

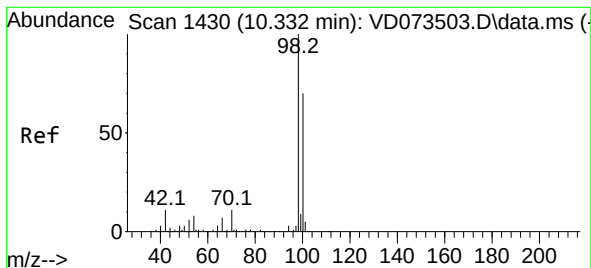
Ion Ratio Lower Upper

113 100

111 97.7 83.8 125.6

192 18.1 14.6 21.8





#50

Toluene-d8

Concen: 53.189 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073547.D

Acq: 13 Jun 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

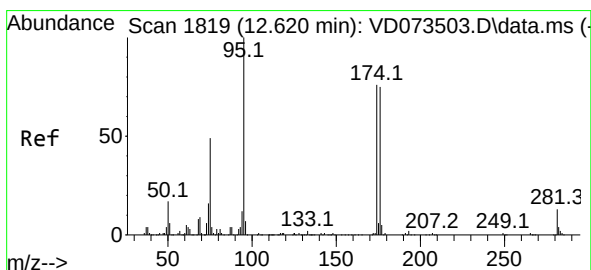
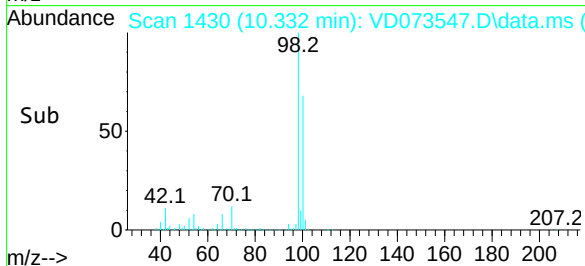
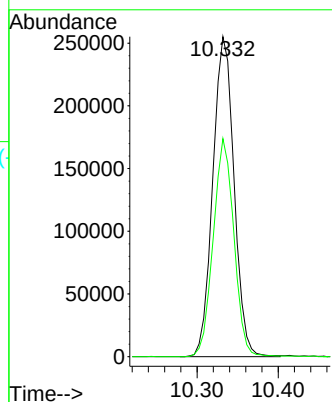
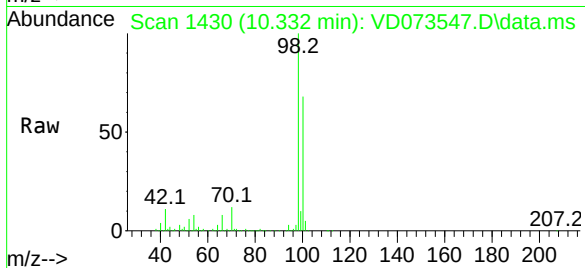
COM-4RE

Tgt Ion: 98 Resp: 463826

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 65.004 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073547.D

Acq: 13 Jun 2022 15:42

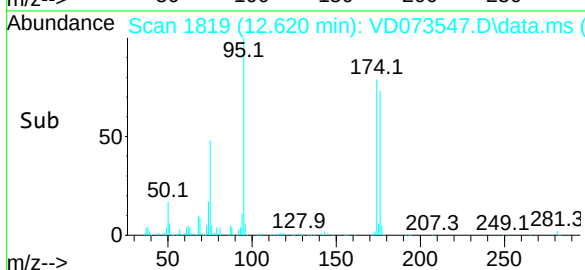
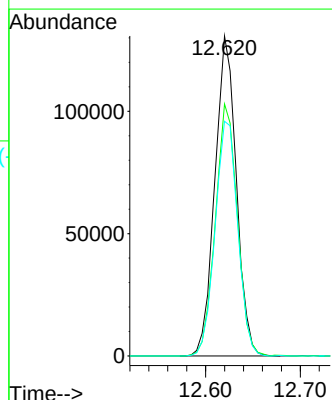
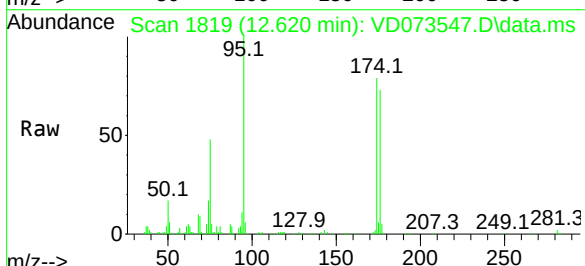
Tgt Ion: 95 Resp: 205783

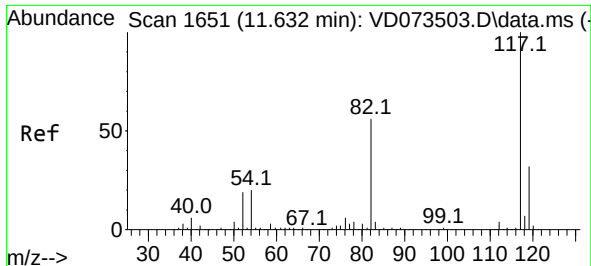
Ion Ratio Lower Upper

95 100

174 80.7 0.0 152.8

176 77.4 0.0 145.4

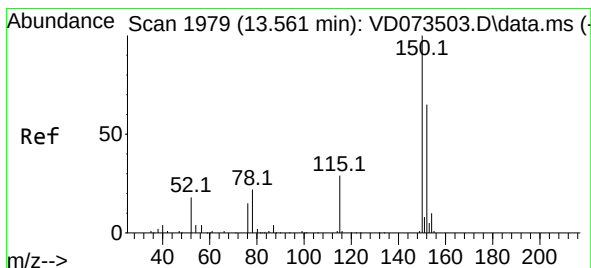
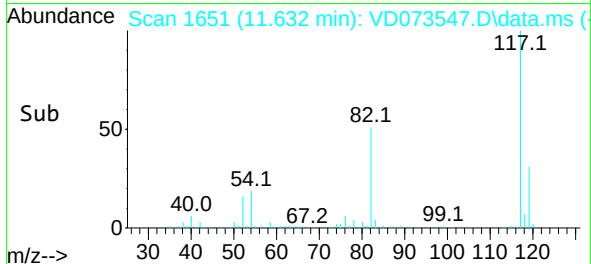
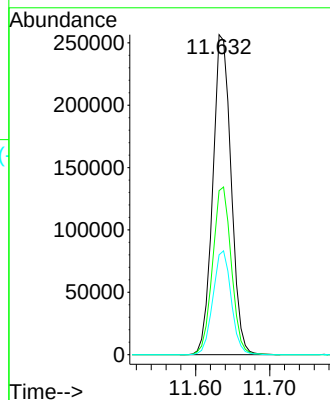
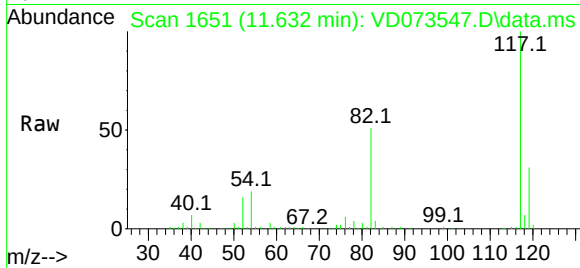




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

Tgt Ion:117 Resp: 441220
Ion Ratio Lower Upper
117 100
82 51.3 45.3 67.9
119 31.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Tgt Ion:152 Resp: 234415
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 156.5 0.0 348.6

