

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073589.D
 Acq On : 15 Jun 2022 14:06
 Operator : VA/SY
 Sample : N3293-03RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 30875RE

Quant Time: Jun 16 06:03:19 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	20613	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	33652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	39881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	20564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	17243	77.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.900%
35) Dibromofluoromethane	7.909	113	14332	66.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.460%
50) Toluene-d8	10.326	98	40337	49.302	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.620	95	18105	60.956	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.920%

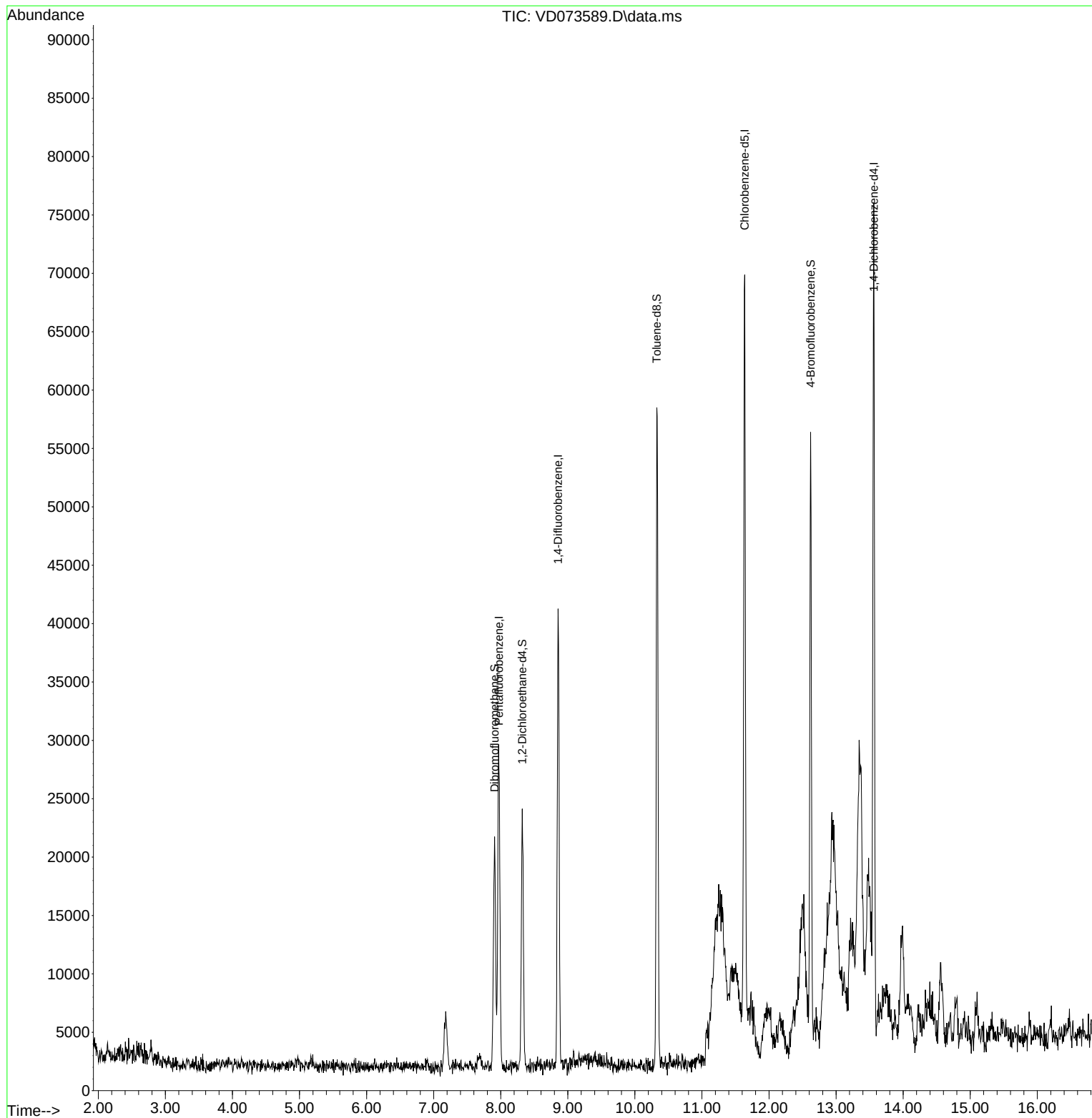
Target Compounds	Qvalue

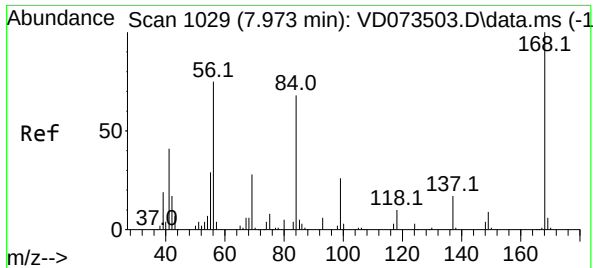
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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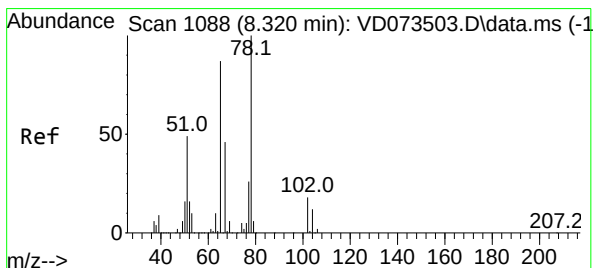
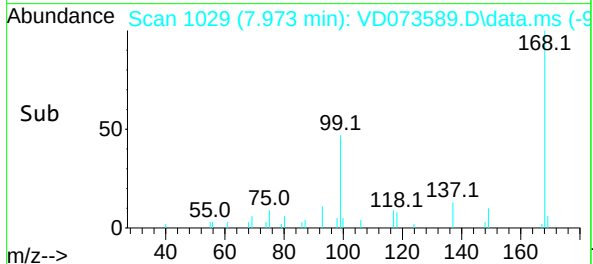
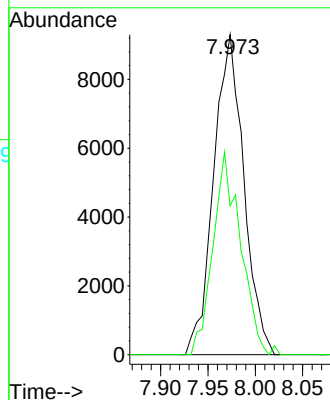
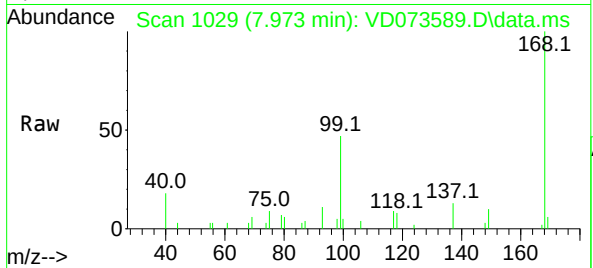




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073589.D
Acq: 15 Jun 2022 14:06

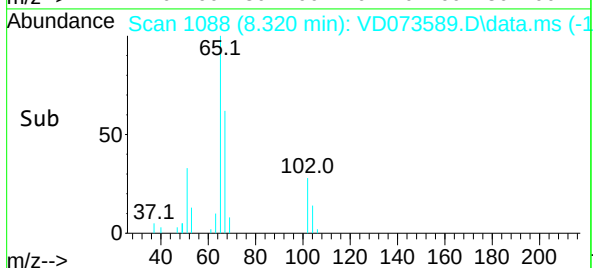
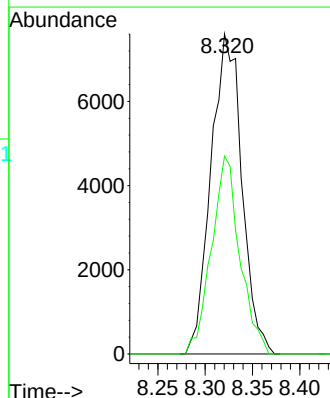
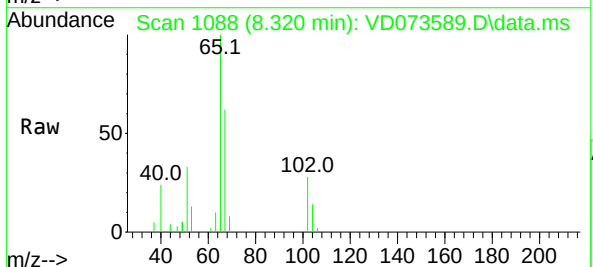
Instrument :
MSVOA_D
ClientSampleId :
30875RE

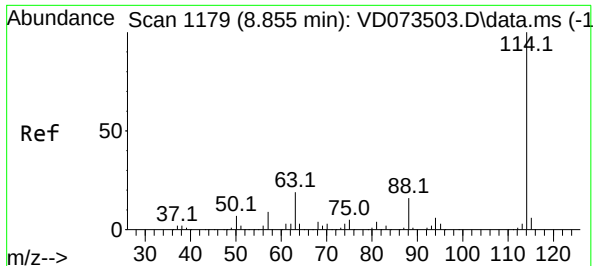
Tgt Ion:168 Resp: 20613
Ion Ratio Lower Upper
168 100
99 46.5 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 77.950 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073589.D
Acq: 15 Jun 2022 14:06

Tgt Ion: 65 Resp: 17243
Ion Ratio Lower Upper
65 100
67 56.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073589.D

Acq: 15 Jun 2022 14:06

Instrument :

MSVOA_D

ClientSampleId :

30875RE

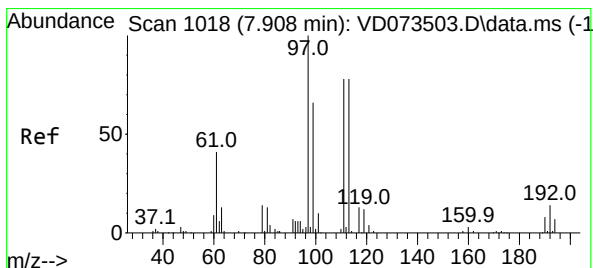
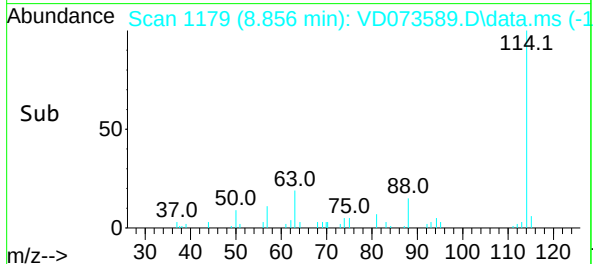
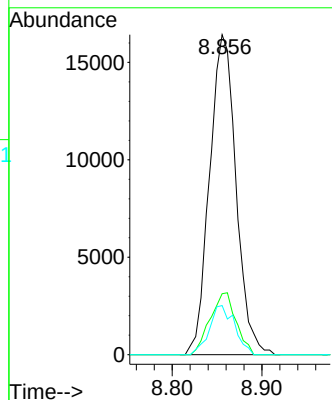
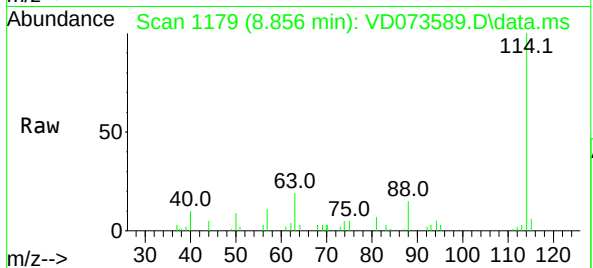
Tgt Ion:114 Resp: 33652

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 66.231 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073589.D

Acq: 15 Jun 2022 14:06

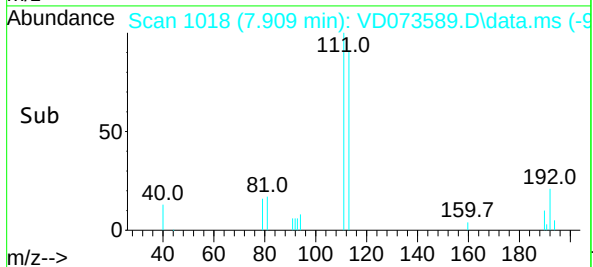
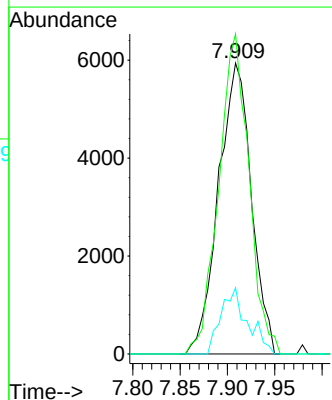
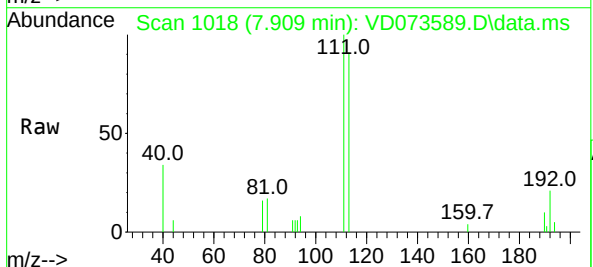
Tgt Ion:113 Resp: 14332

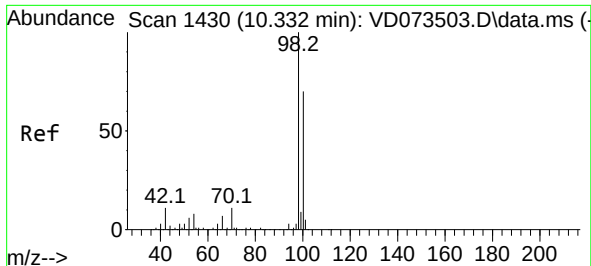
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 18.3 14.6 21.8

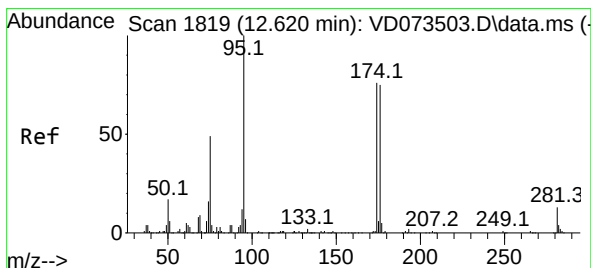
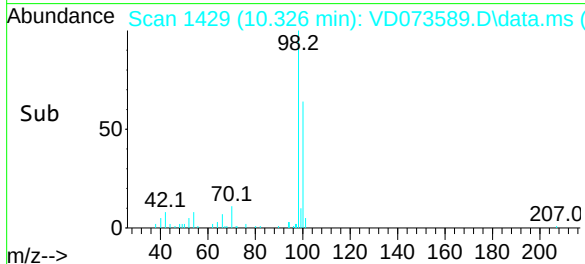
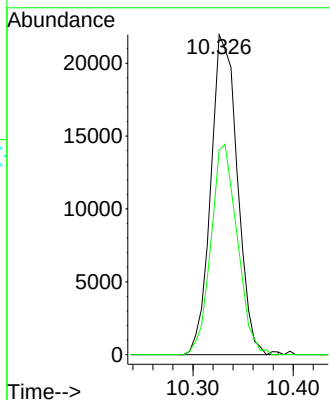
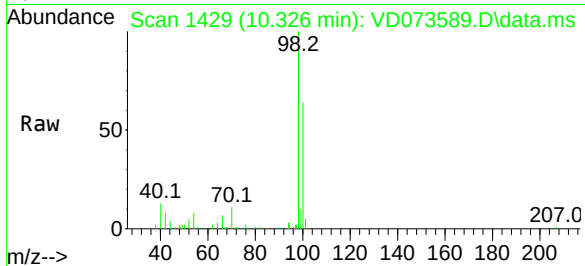




#50
Toluene-d8
Concen: 49.302 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073589.D
Acq: 15 Jun 2022 14:06

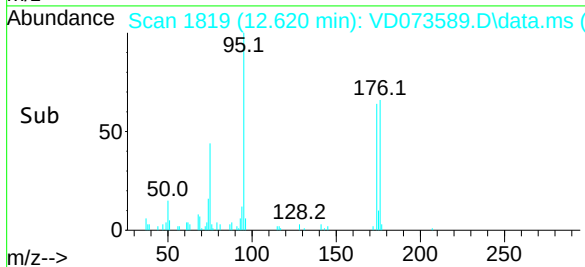
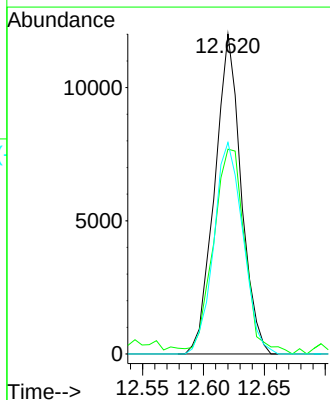
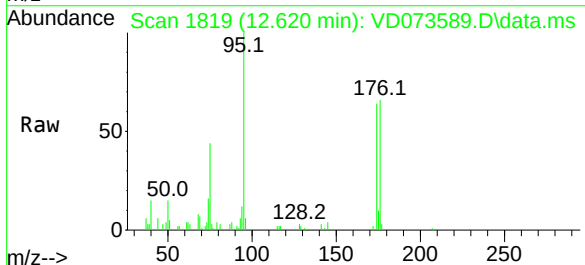
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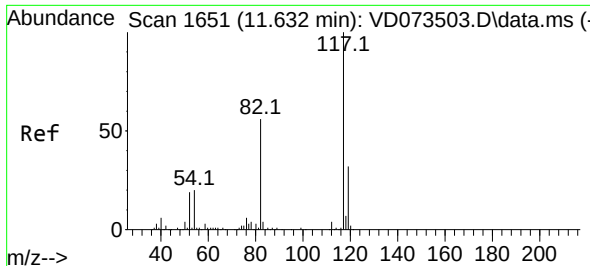
Tgt Ion: 98 Resp: 40337
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 60.956 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073589.D
Acq: 15 Jun 2022 14:06

Tgt Ion: 95 Resp: 18105
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.2 0.0 145.4

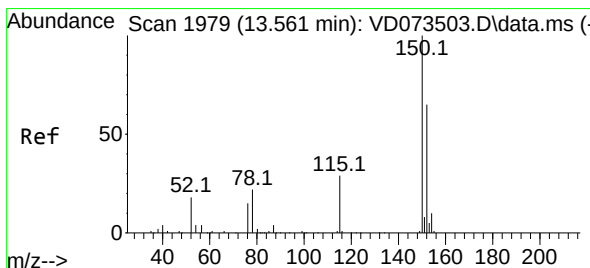
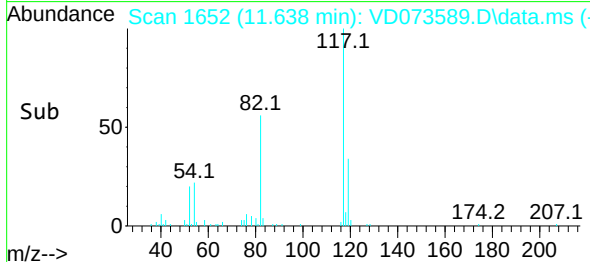
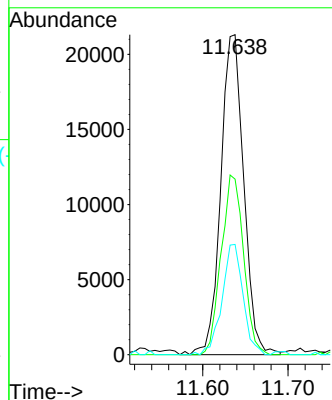
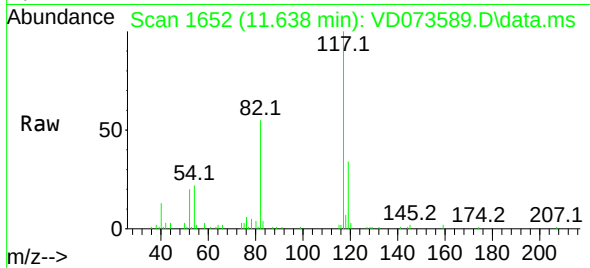




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073589.D
Acq: 15 Jun 2022 14:06

Instrument :
MSVOA_D
ClientSampleId :
30875RE

Tgt Ion:117 Resp: 39881
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 34.5 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: VD073589.D
Acq: 15 Jun 2022 14:06

Tgt Ion:152 Resp: 20564
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 151.7 0.0 348.6

