

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073157.D
 Acq On : 20 May 2022 00:07
 Operator : VA/SY
 Sample : N2842-05
 Misc : 6.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS001-1218-01

Quant Time: May 20 01:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	20471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	34702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	41676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	18807	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	19453	85.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.980%#
35) Dibromofluoromethane	7.908	113	16663	72.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.540%
50) Toluene-d8	10.332	98	44377	52.573	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.614	95	16705	56.392	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.780%

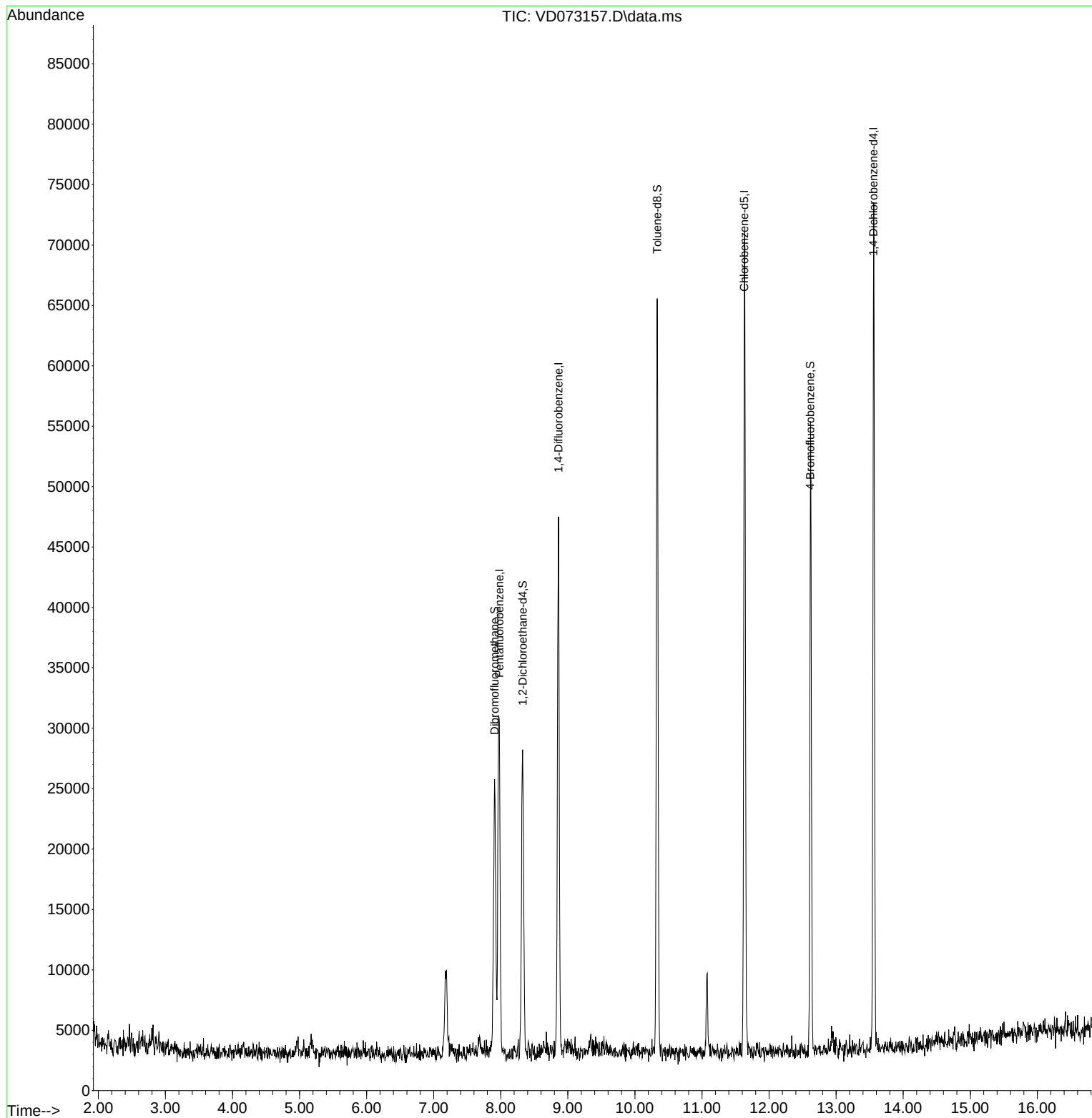
Target Compounds	Qvalue

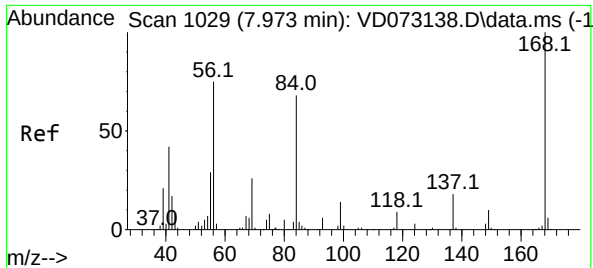
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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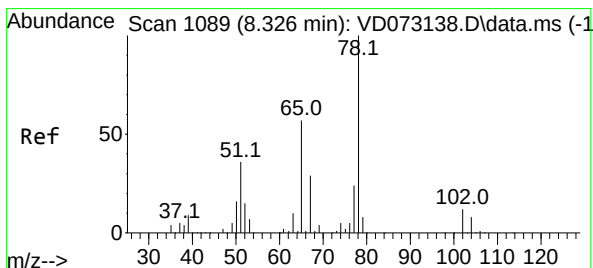
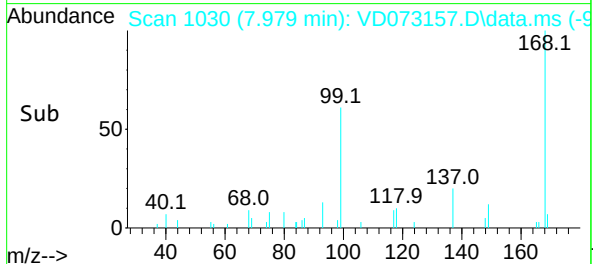
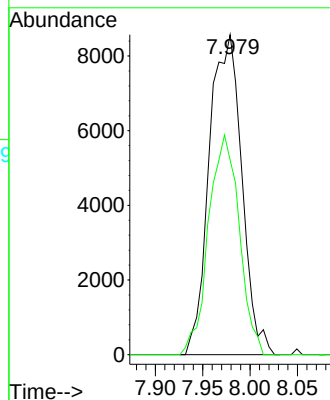
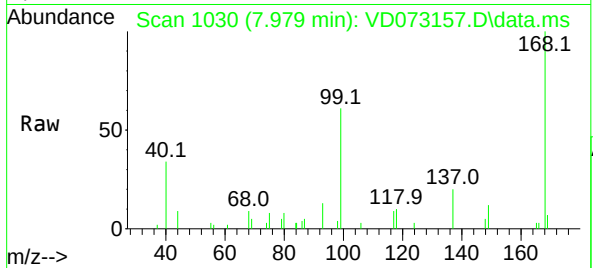




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

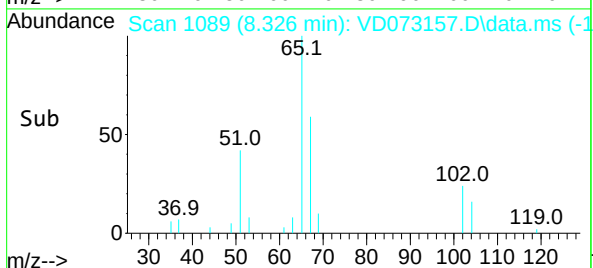
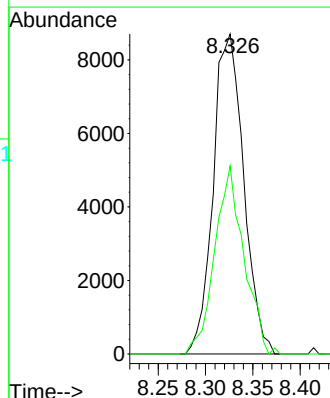
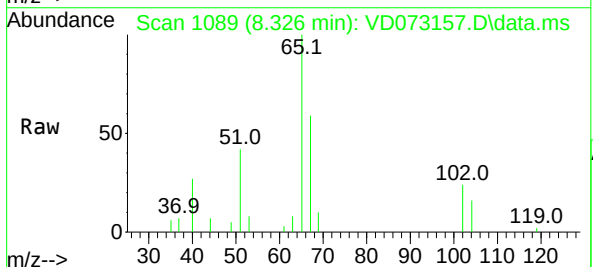
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-1218-01

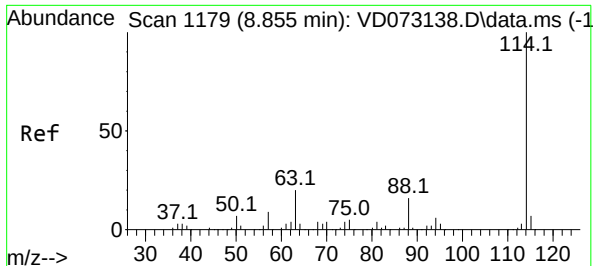
Tgt Ion:168 Resp: 20471
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 85.986 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion: 65 Resp: 19453
Ion Ratio Lower Upper
65 100
67 56.2 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: VD073157.D

Acq: 20 May 2022 00:07

Instrument :

MSVOA_D

ClientSampleId :

P016-SS001-1218-01

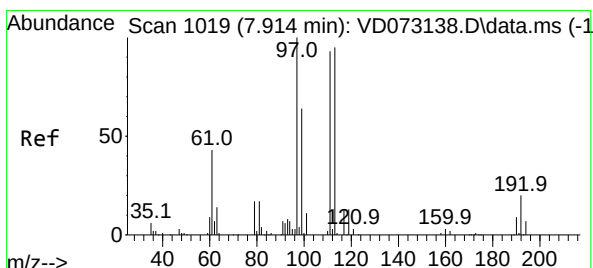
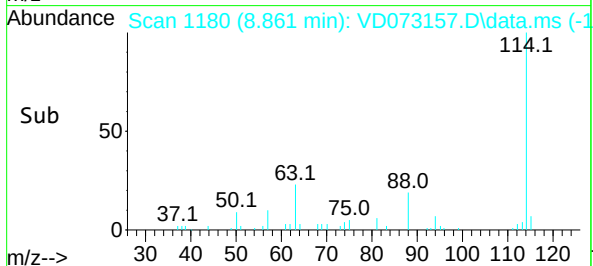
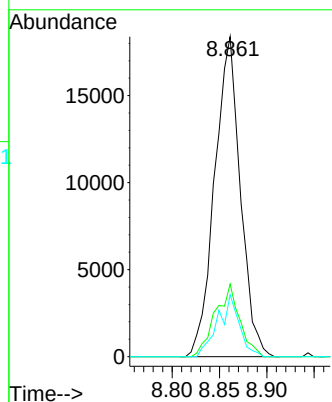
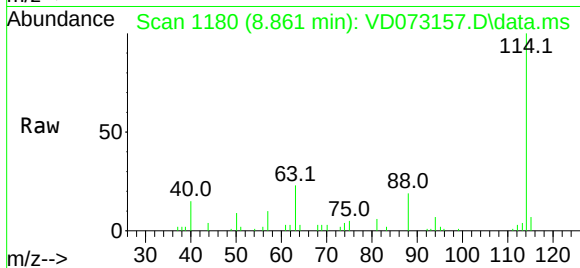
Tgt Ion:114 Resp: 34702

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 19.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 72.768 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073157.D

Acq: 20 May 2022 00:07

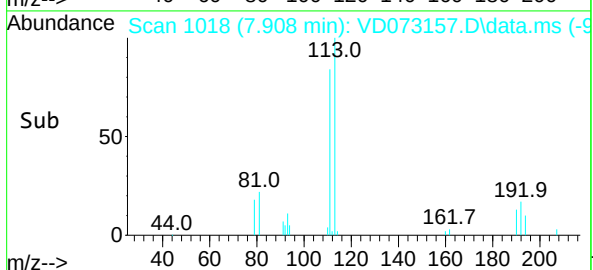
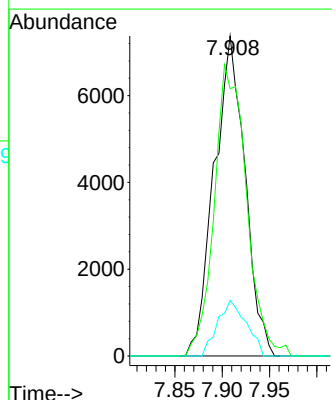
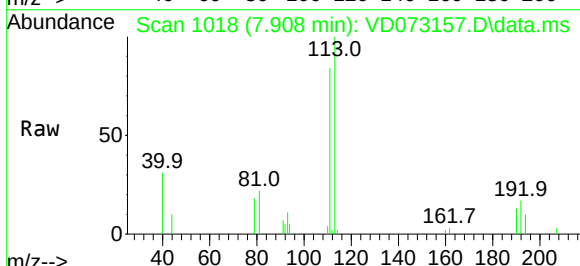
Tgt Ion:113 Resp: 16663

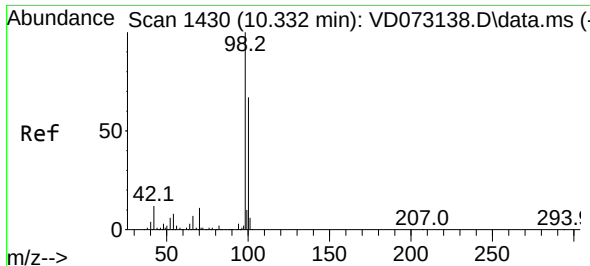
Ion Ratio Lower Upper

113 100

111 95.2 83.8 125.6

192 16.2 14.6 21.8

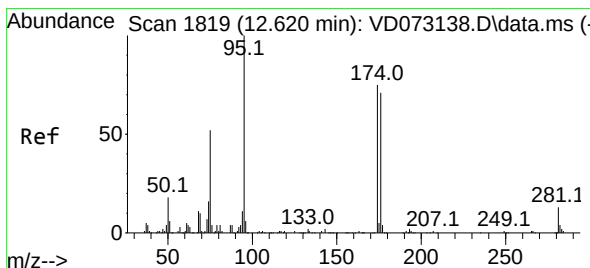
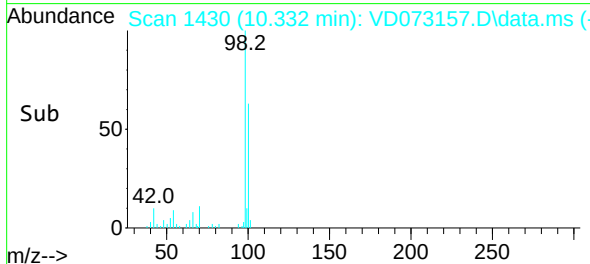
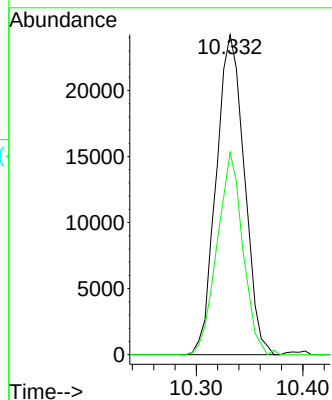
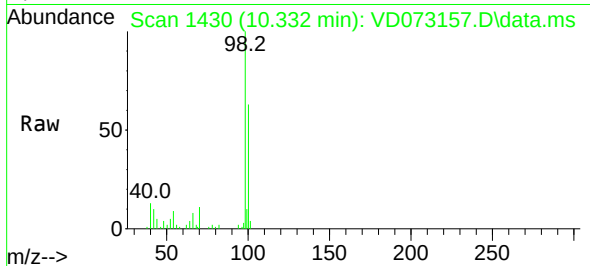




#50
Toluene-d8
Concen: 52.573 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

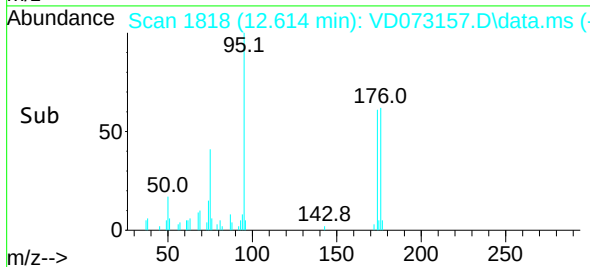
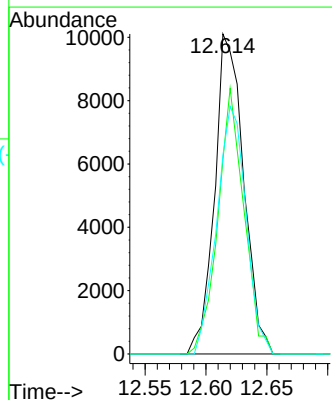
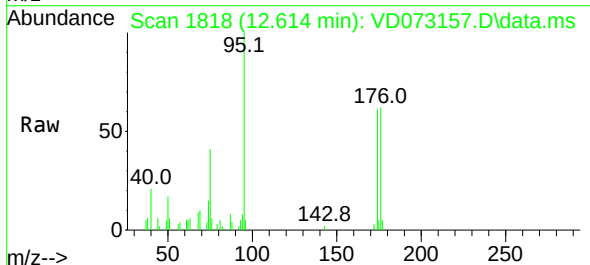
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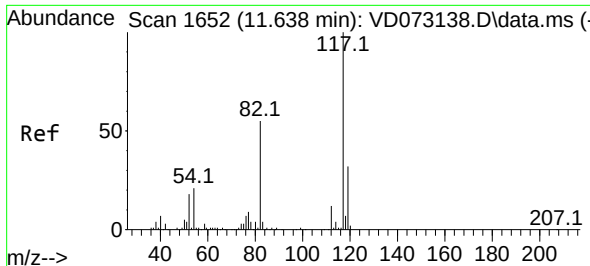
Tgt Ion: 98 Resp: 44377
Ion Ratio Lower Upper
98 100
100 57.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.392 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion: 95 Resp: 16705
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 78.3 0.0 145.4

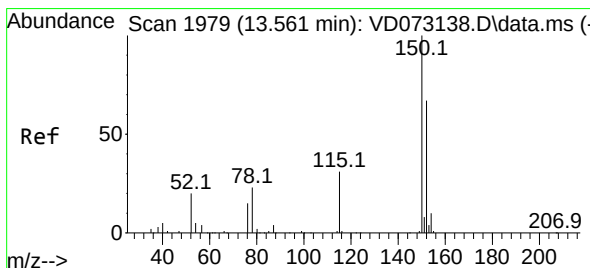
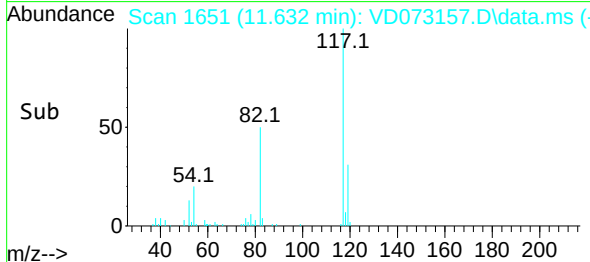
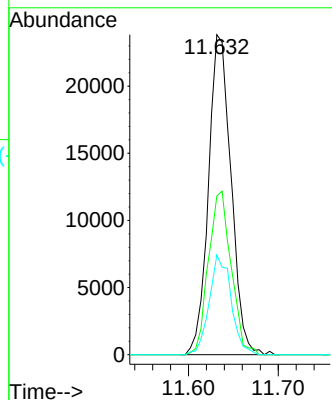
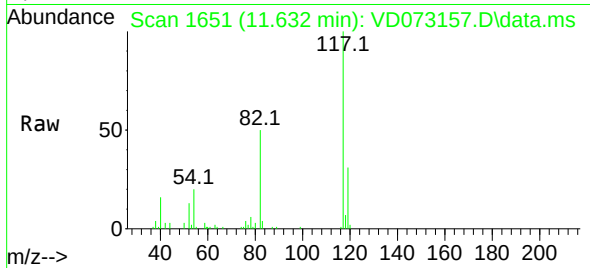




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-1218-01

Tgt Ion:117	Resp:	41676
Ion	Ratio	Lower Upper
117	100	
82	49.6	45.3 67.9
119	31.2	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073157.D
Acq: 20 May 2022 00:07

Tgt Ion:152	Resp:	18807
Ion	Ratio	Lower Upper
152	100	
115	56.9	31.3 93.8
150	147.0	0.0 348.6

