

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073128.D
 Acq On : 19 May 2022 06:36
 Operator : VA/SY
 Sample : N2842-03
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS001-0006-01

Quant Time: May 19 08:39:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	170235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	299400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	339186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	158082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127759	60.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.020%
35) Dibromofluoromethane	7.908	113	117583	55.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.880%
50) Toluene-d8	10.332	98	380930	49.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.620	95	143559	51.974	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.940%

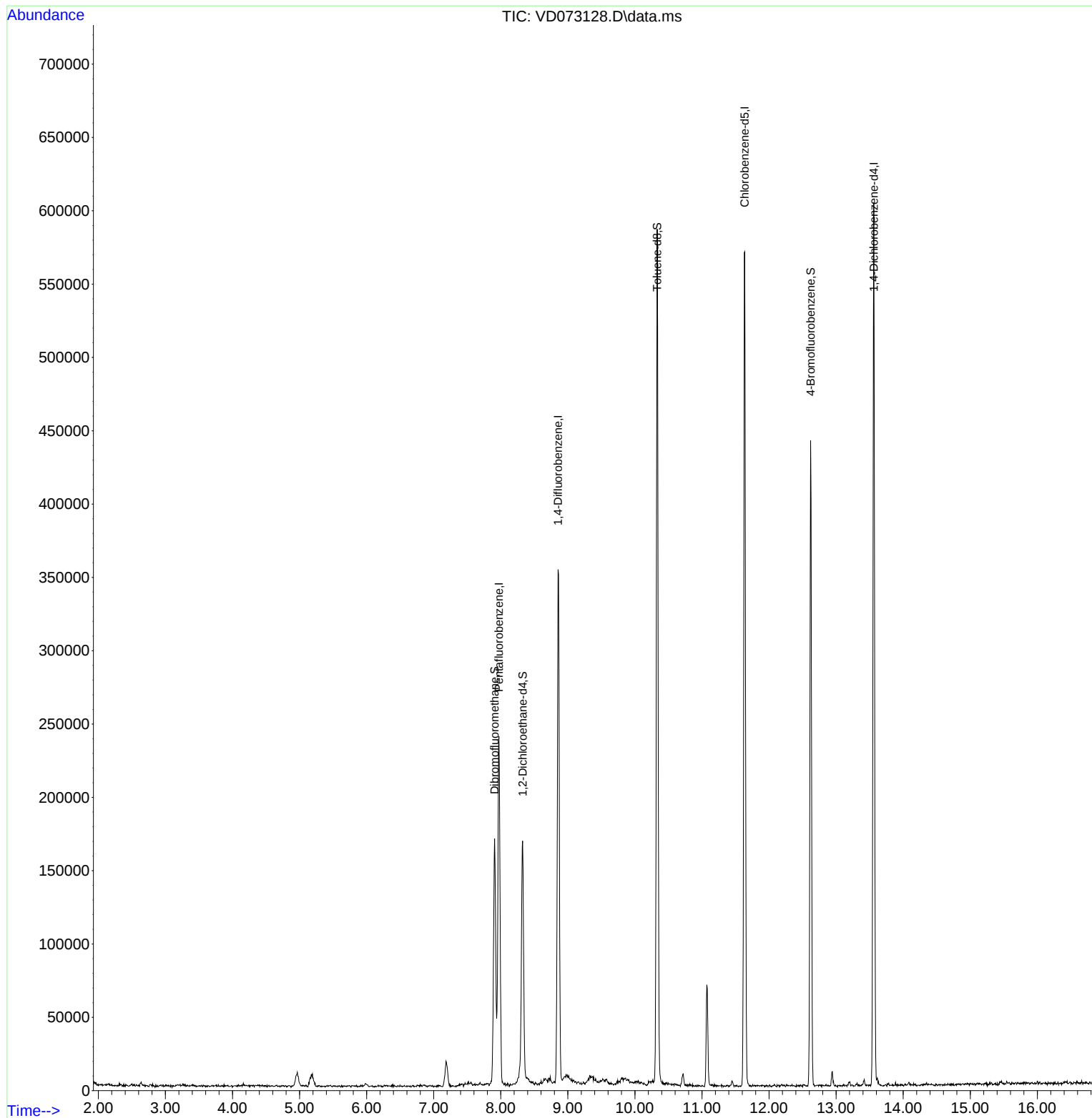
Target Compounds	Qvalue

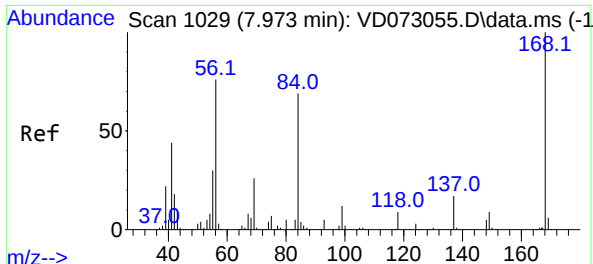
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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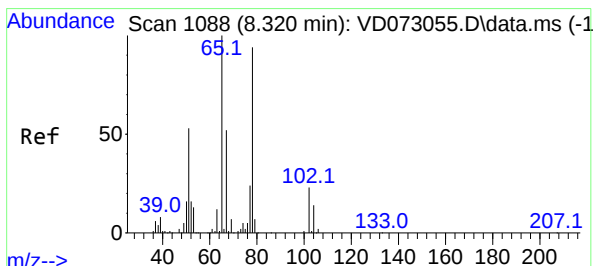
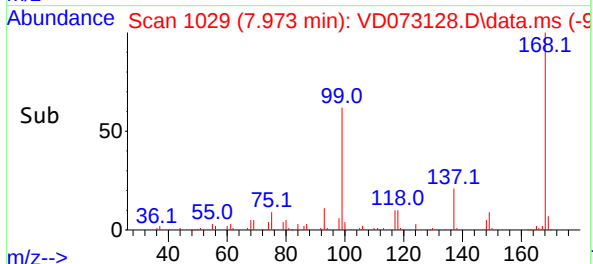
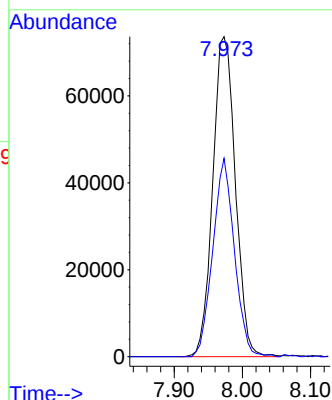
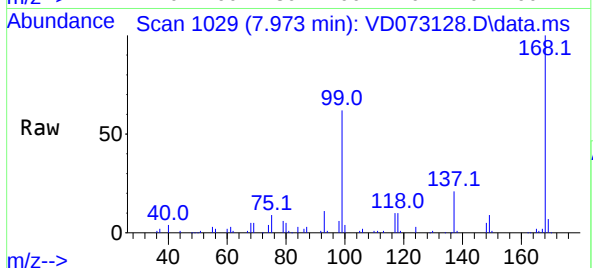
P016-SS001-0006-01

Tgt Ion:168 Resp: 170235

Ion Ratio Lower Upper

168 100

99 62.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 60.011 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073128.D

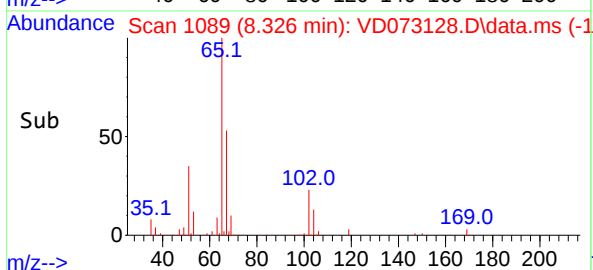
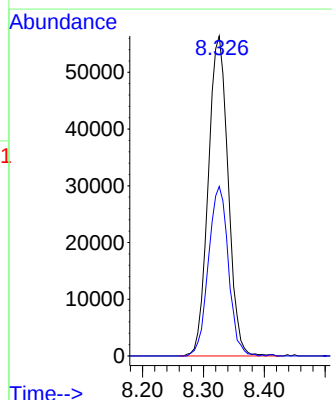
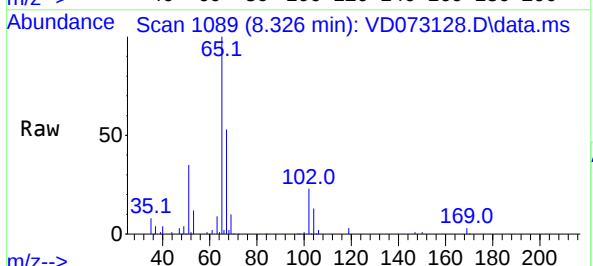
Acq: 19 May 2022 06:36

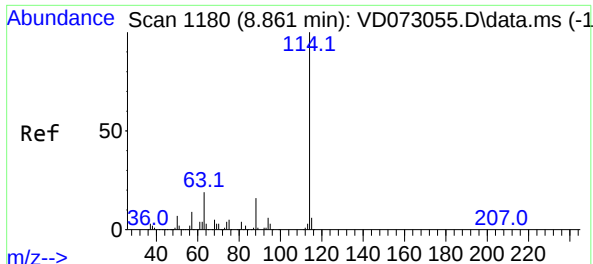
Tgt Ion: 65 Resp: 127759

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073128.D

Acq: 19 May 2022 06:36

Instrument :

MSVOA_D

ClientSampleId :

P016-SS001-0006-01

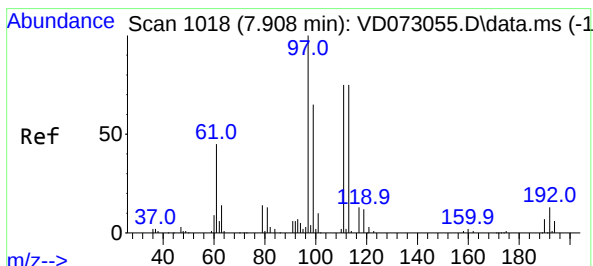
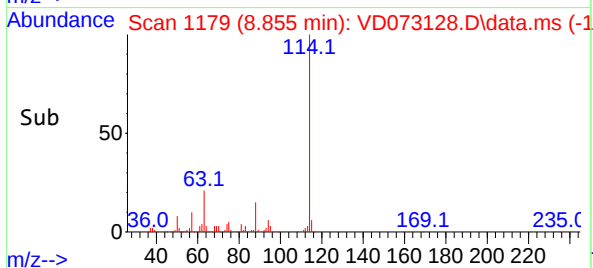
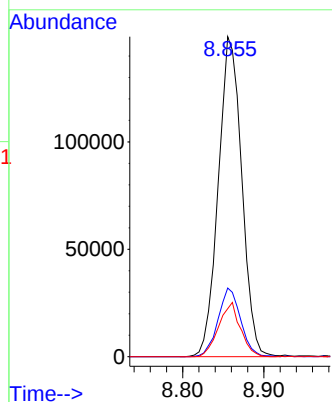
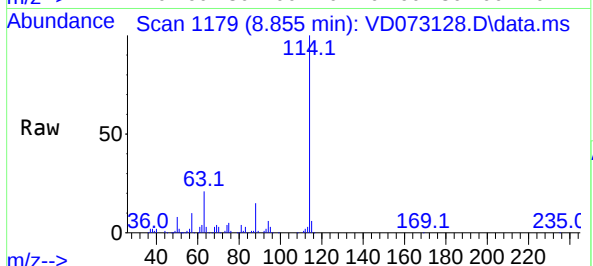
Tgt Ion:114 Resp: 299400

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.935 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073128.D

Acq: 19 May 2022 06:36

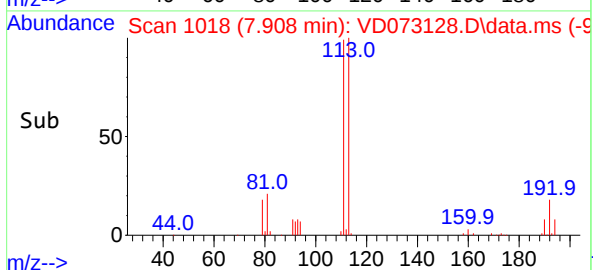
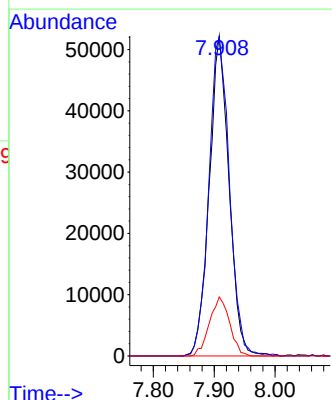
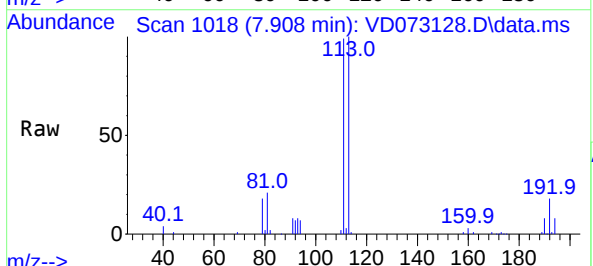
Tgt Ion:113 Resp: 117583

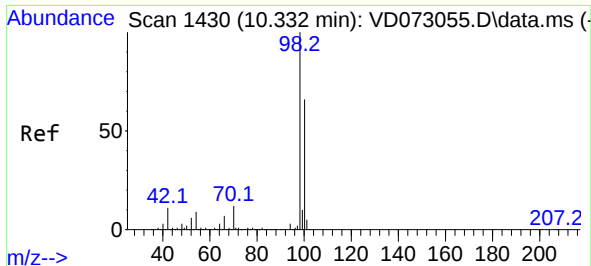
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.8 14.6 21.8

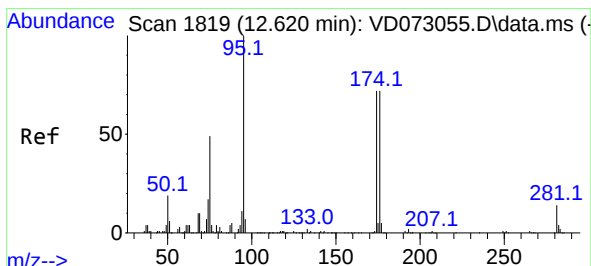
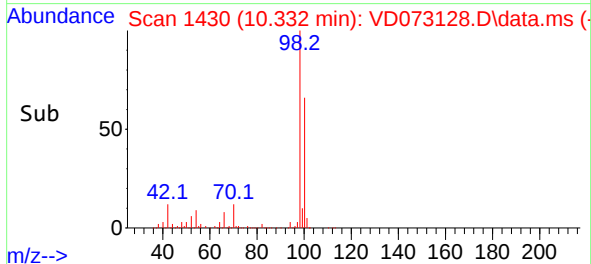
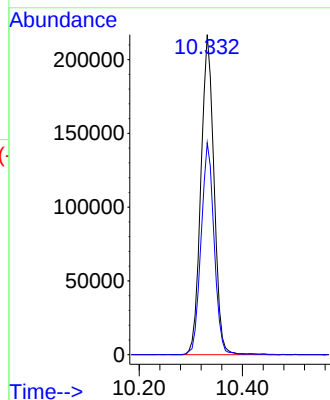
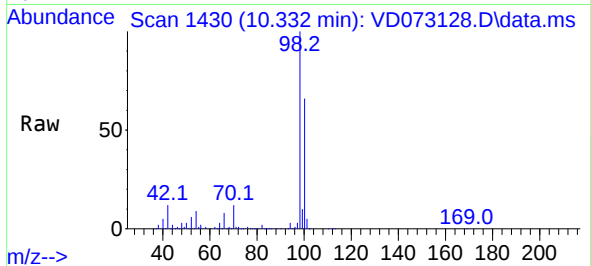




#50
Toluene-d8
Concen: 49.951 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

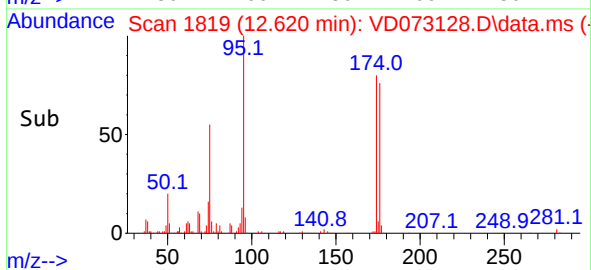
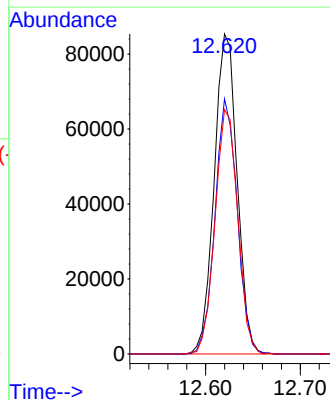
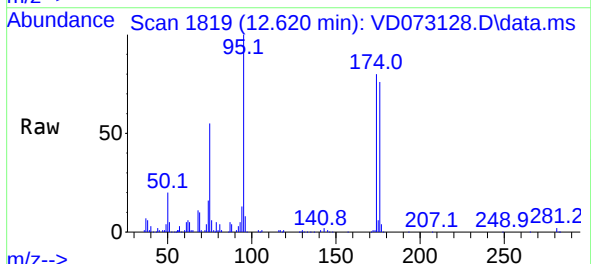
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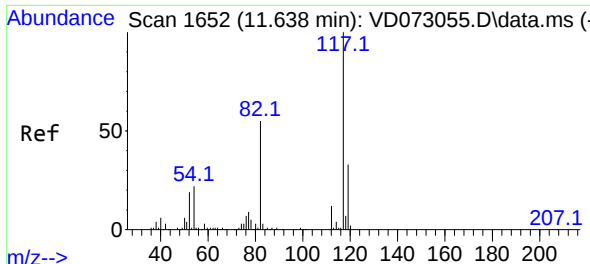
Tgt Ion: 98 Resp: 380930
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.974 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Tgt Ion: 95 Resp: 143559
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 75.6 0.0 145.4

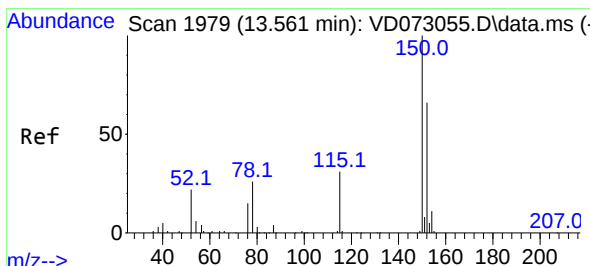
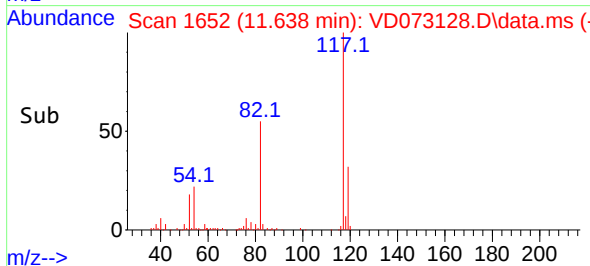
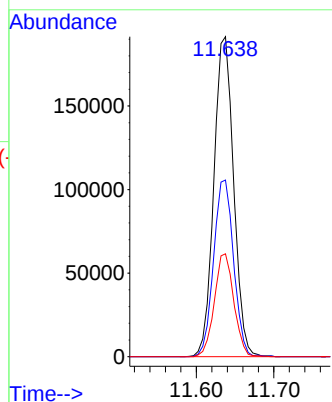
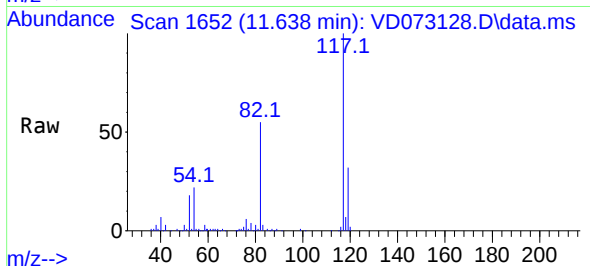




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0006-01

Tgt Ion:117 Resp: 339186
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.2 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: VD073128.D
Acq: 19 May 2022 06:36

Tgt Ion:152 Resp: 158082
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 154.5 0.0 348.6

