

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073039.D
 Acq On : 16 May 2022 17:08
 Operator : VA/SY
 Sample : N2816-19
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS011-0006-01

Quant Time: May 17 03:29:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	317584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	560732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	538073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	224111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166898	40.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.960%
35) Dibromofluoromethane	7.908	113	185418	47.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.160%
50) Toluene-d8	10.332	98	674322	47.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.620	95	226199	42.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.880%

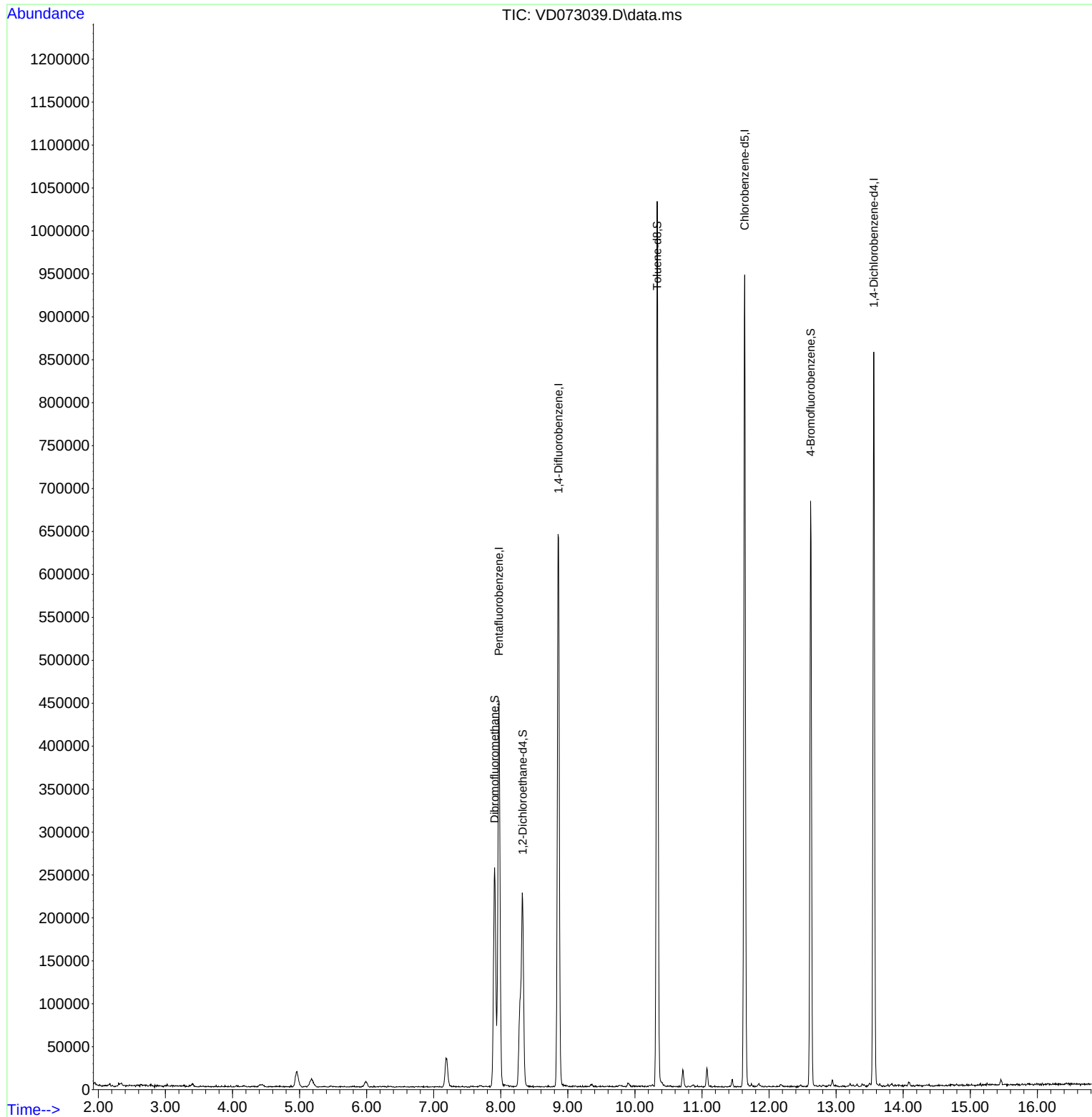
Target Compounds	Qvalue

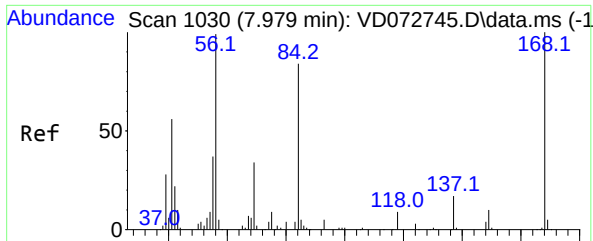
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

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ClientSampleId :

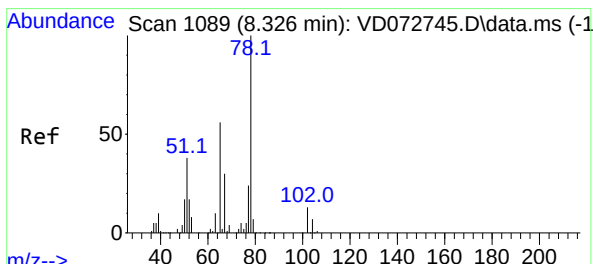
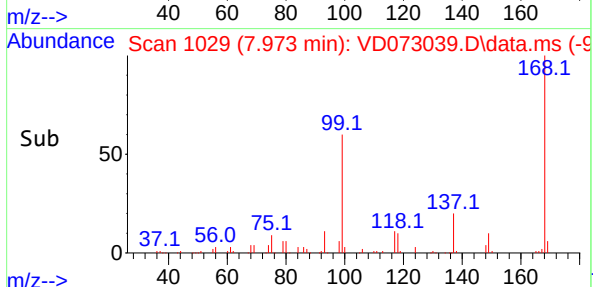
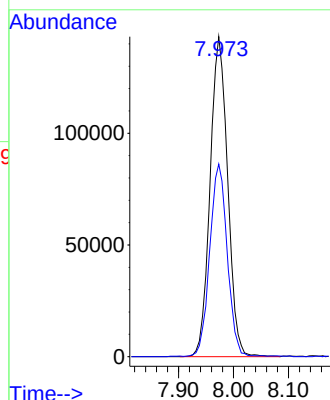
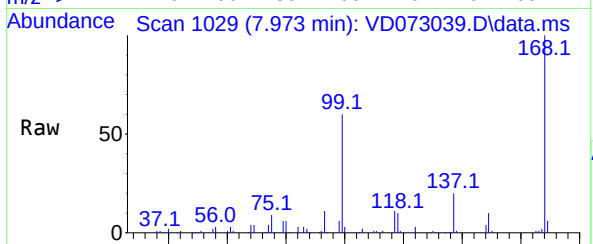
P007-SS011-0006-01

Tgt Ion:168 Resp: 317584

Ion Ratio Lower Upper

168 100

99 60.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 40.485 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073039.D

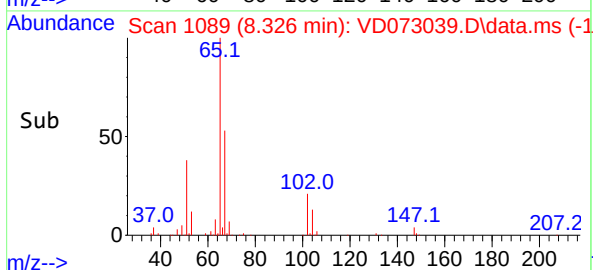
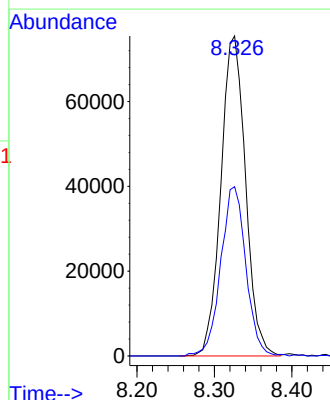
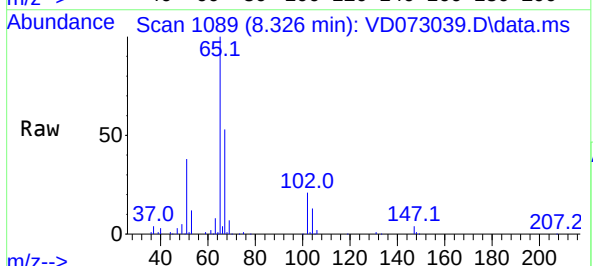
Acq: 16 May 2022 17:08

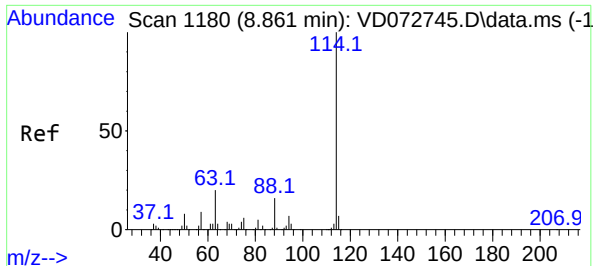
Tgt Ion: 65 Resp: 166898

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073039.D

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Instrument :

MSVOA_D

ClientSampleId :

P007-SS011-0006-01

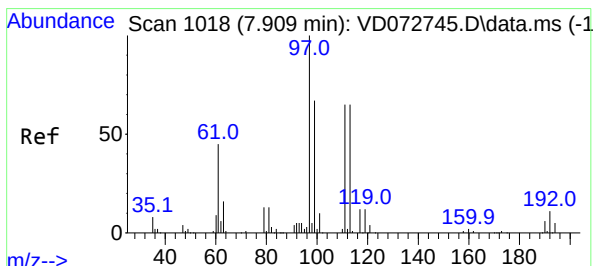
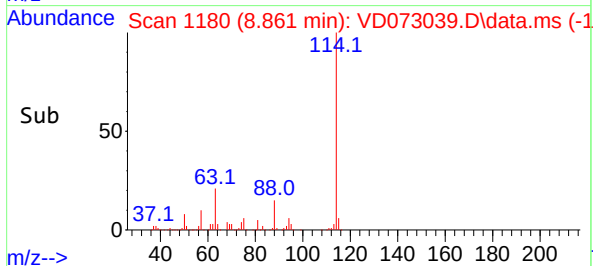
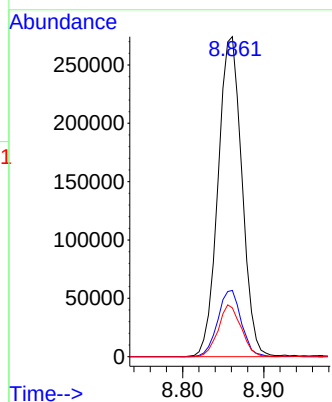
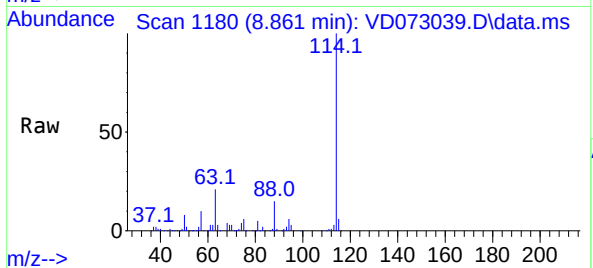
Tgt Ion:114 Resp: 560732

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.083 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD073039.D

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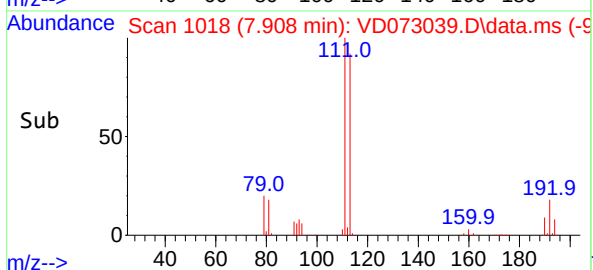
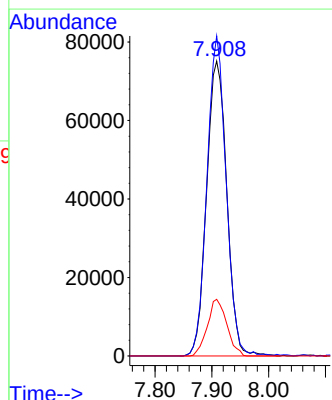
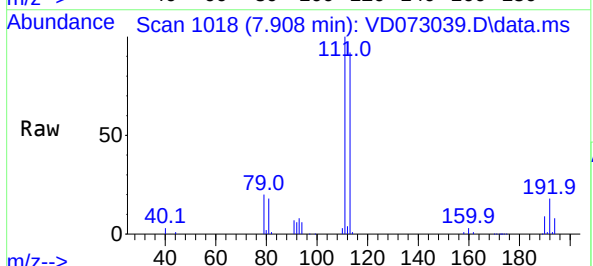
Tgt Ion:113 Resp: 185418

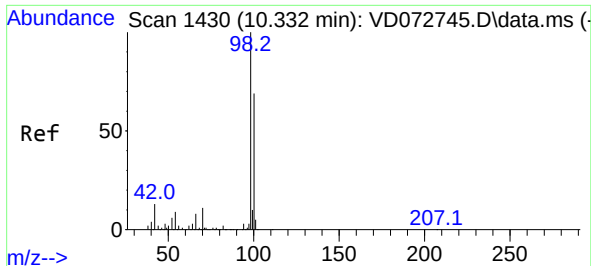
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.5 14.6 21.8

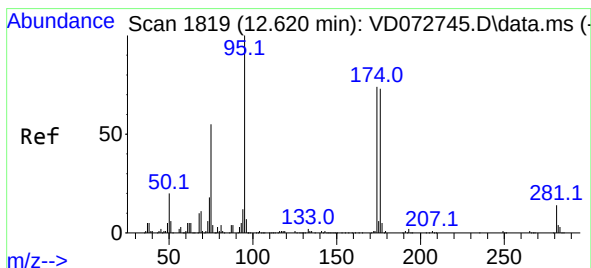
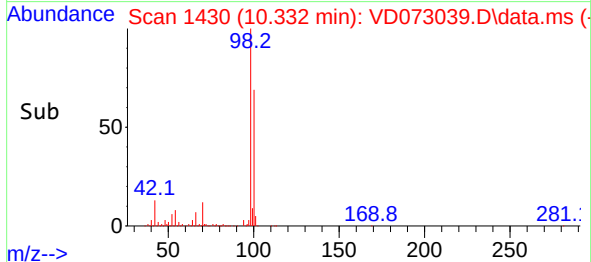
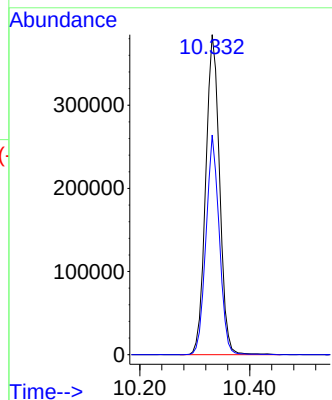
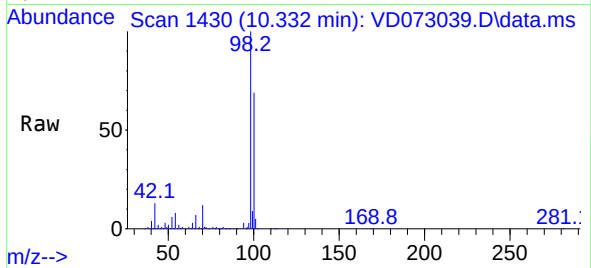




#50
Toluene-d8
Concen: 47.735 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073039.D
Acq: 16 May 2022 17:08

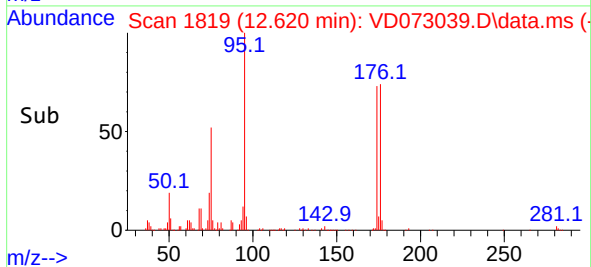
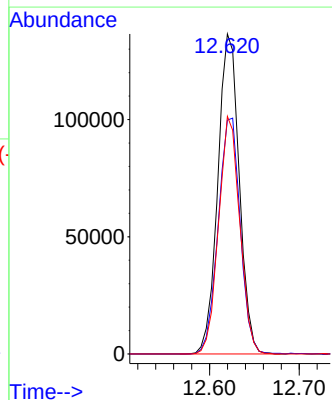
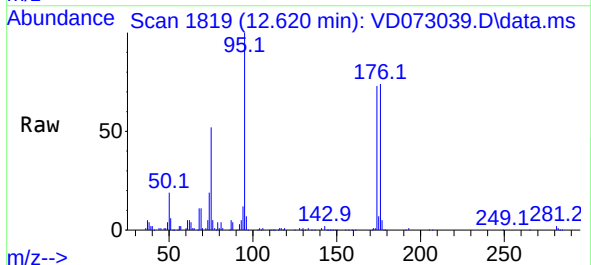
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ClientSampleId :
P007-SS011-0006-01

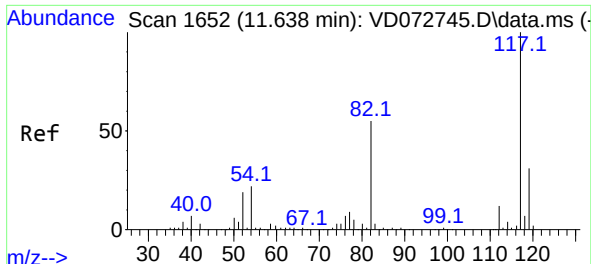
Tgt Ion: 98 Resp: 674322
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.944 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073039.D
Acq: 16 May 2022 17:08

Tgt Ion: 95 Resp: 226199
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 73.4 0.0 145.4

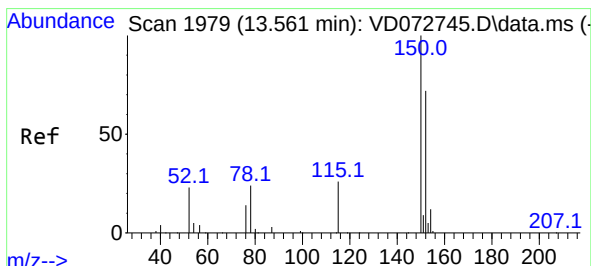
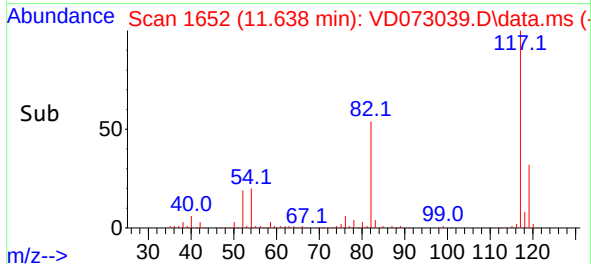
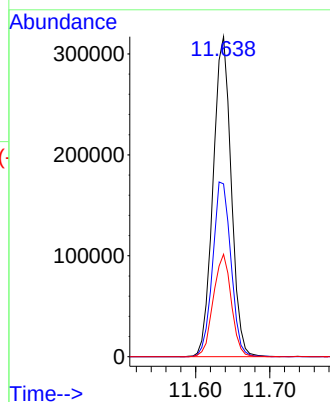
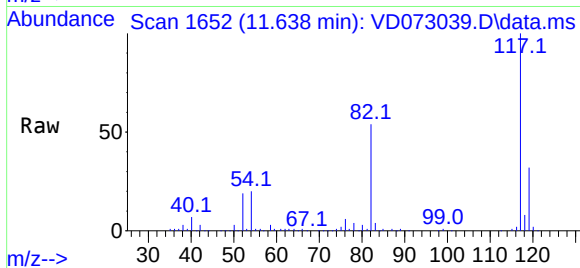




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073039.D
Acq: 16 May 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :
P007-SS011-0006-01

Tgt Ion:117 Resp: 538073
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 32.0 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: VD073039.D
Acq: 16 May 2022 17:08

Tgt Ion:152 Resp: 224111
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 160.0 0.0 348.6

