

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073159.D
 Acq On : 20 May 2022 01:05
 Operator : VA/SY
 Sample : N2842-07
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS003-0006-01

Quant Time: May 20 01:52:37 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	7.973	168	288322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	518336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	530350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	237939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	161986	50.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.680%
35) Dibromofluoromethane	7.909	113	176708	51.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.332	98	643418	51.032	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.620	95	226975	51.297	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.600%

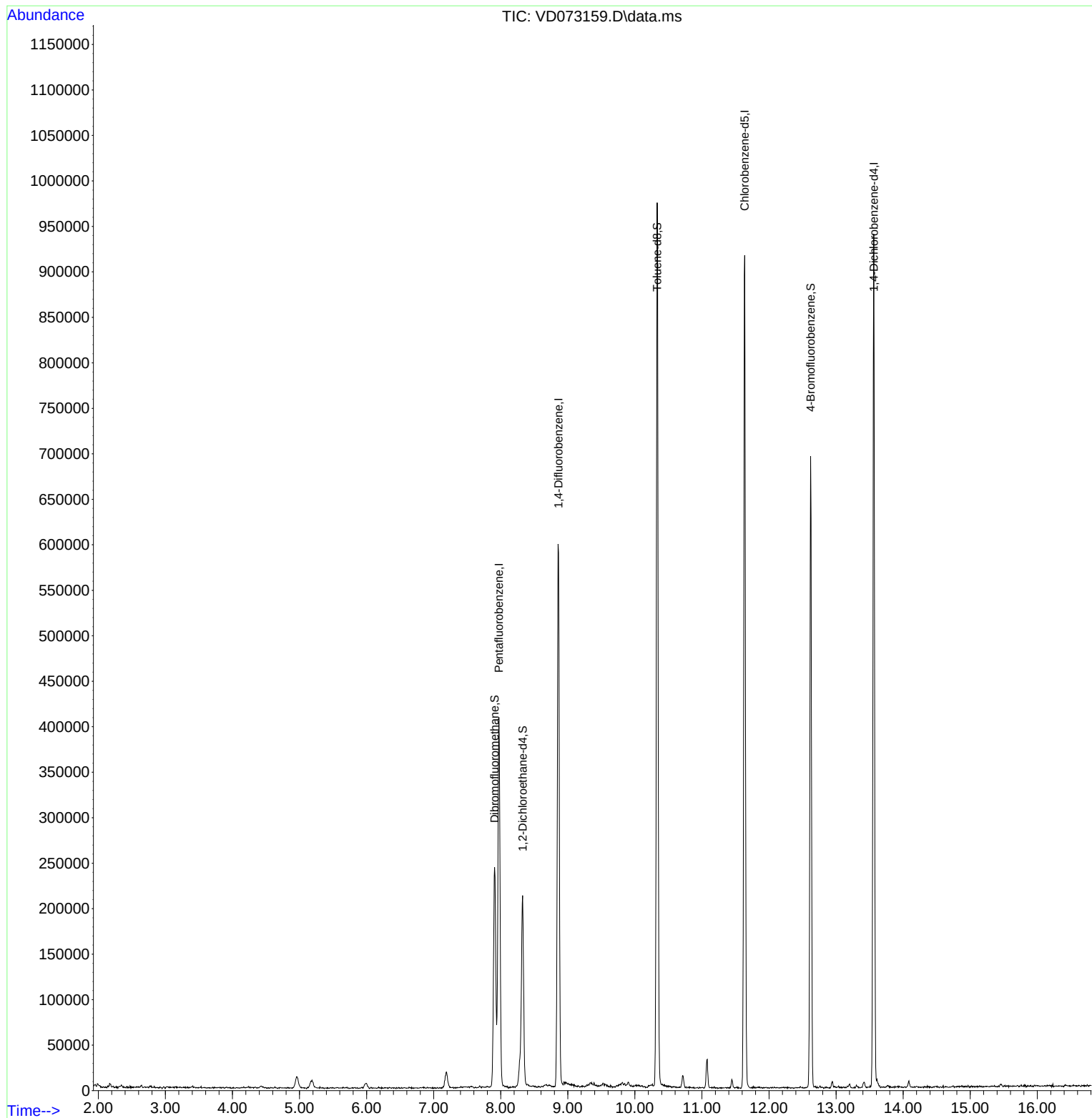
Target Compounds	Qvalue

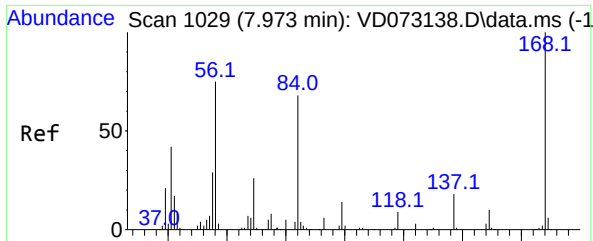
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073159.D

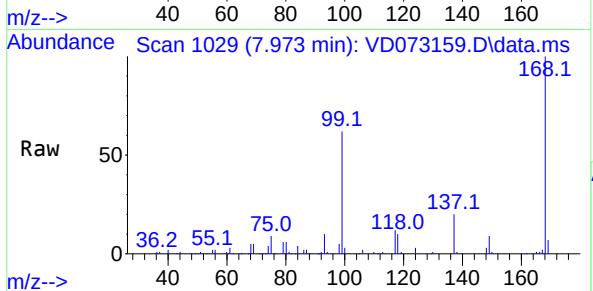
Acq: 20 May 2022 01:05

Instrument :

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P016-SS003-0006-01

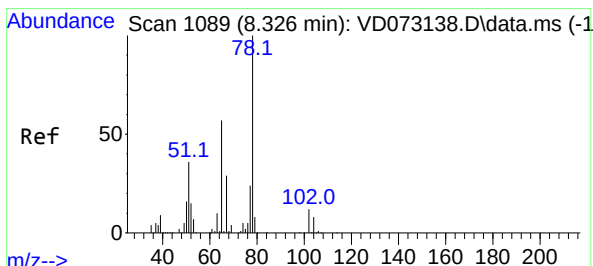
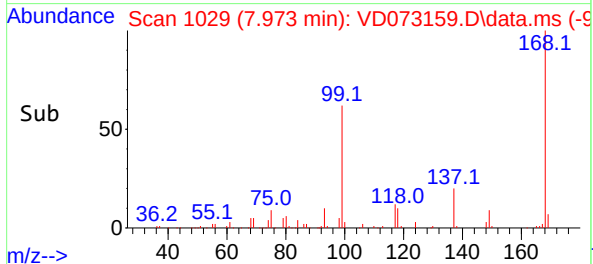
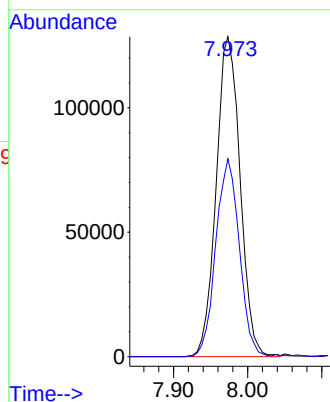


Tgt Ion:168 Resp: 288322

Ion Ratio Lower Upper

168 100

99 61.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 50.837 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073159.D

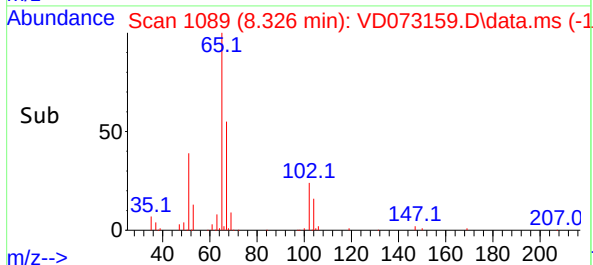
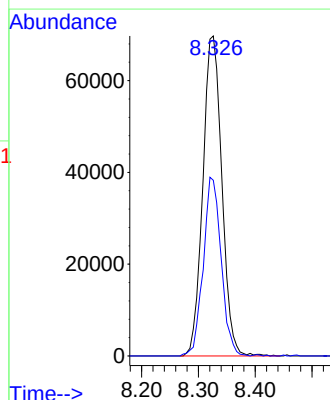
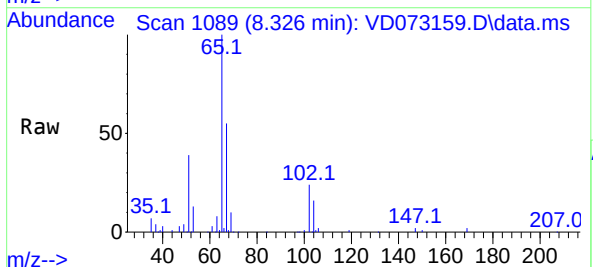
Acq: 20 May 2022 01:05

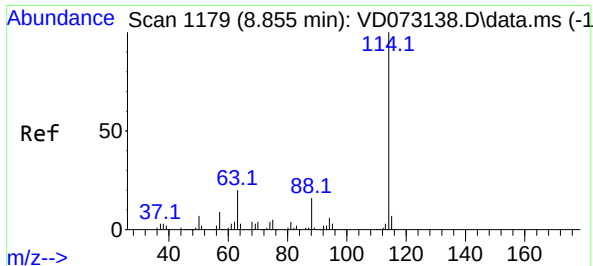
Tgt Ion: 65 Resp: 161986

Ion Ratio Lower Upper

65 100

67 52.4 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: VD073159.D

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Instrument :

MSVOA_D

ClientSampleId :

P016-SS003-0006-01

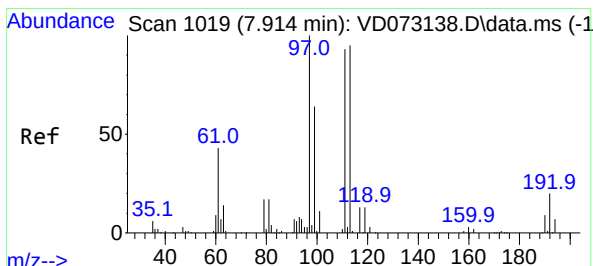
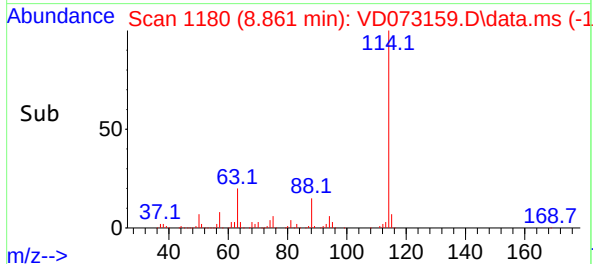
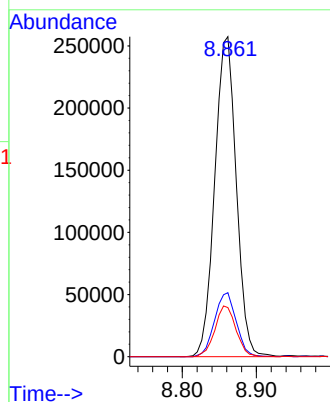
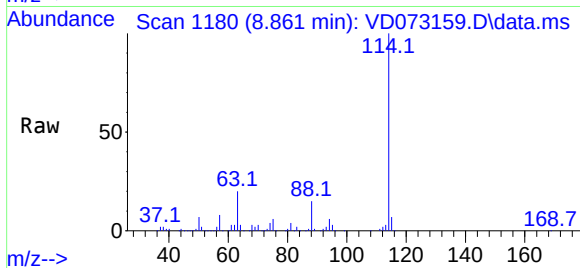
Tgt Ion:114 Resp: 518336

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.664 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073159.D

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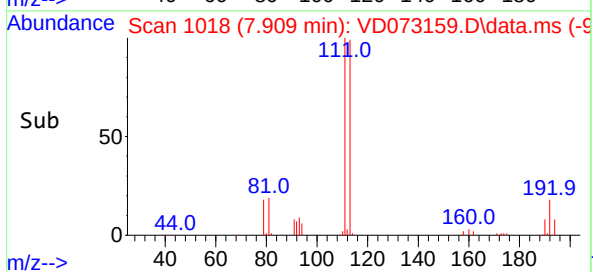
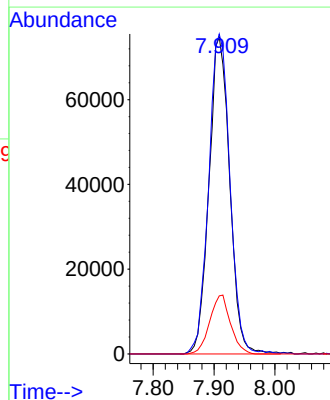
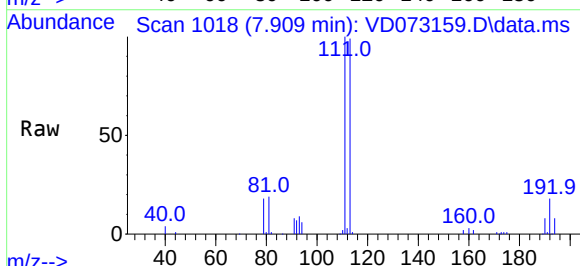
Tgt Ion:113 Resp: 176708

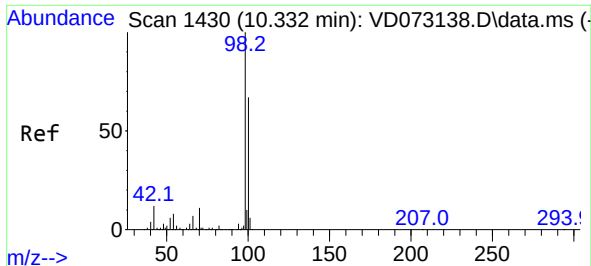
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 18.6 14.6 21.8

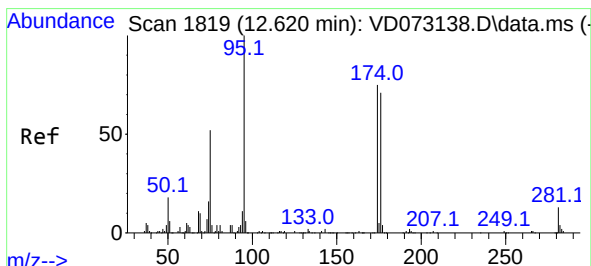
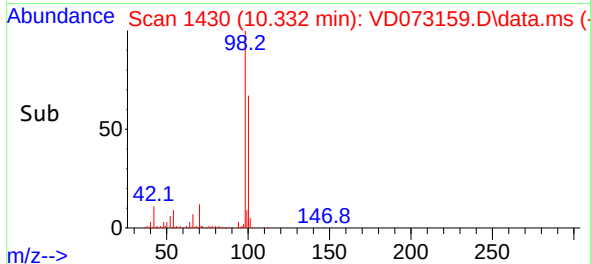
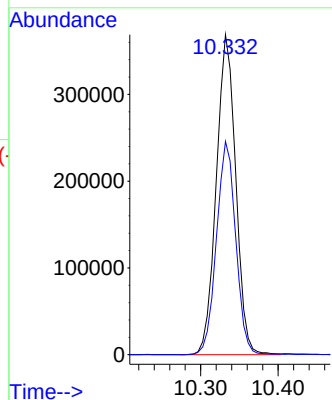
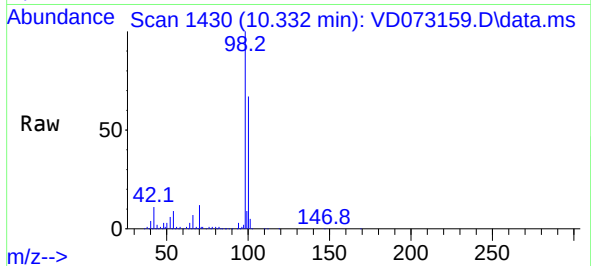




#50
Toluene-d8
Concen: 51.032 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073159.D
Acq: 20 May 2022 01:05

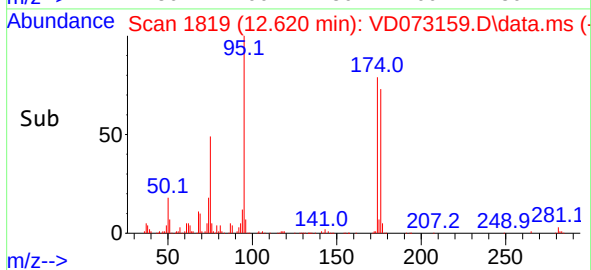
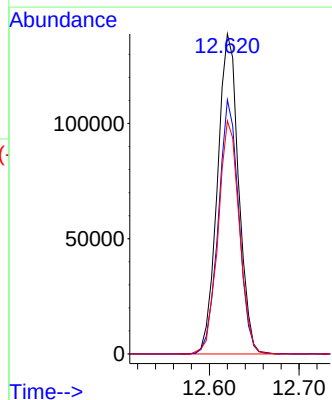
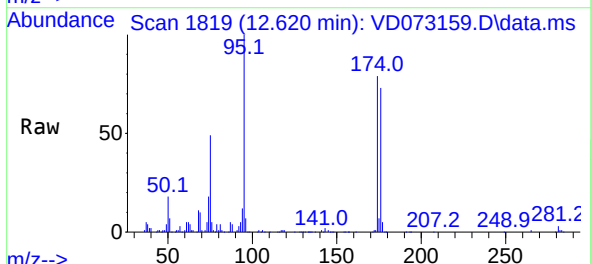
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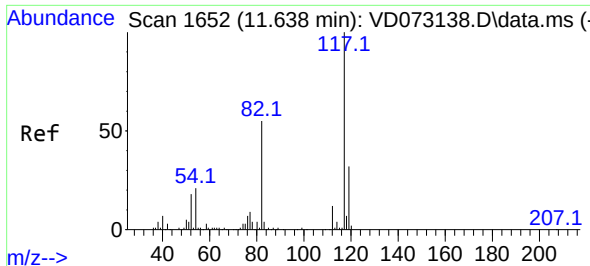
Tgt Ion: 98 Resp: 643418
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.297 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073159.D
Acq: 20 May 2022 01:05

Tgt Ion: 95 Resp: 226975
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.0 0.0 145.4

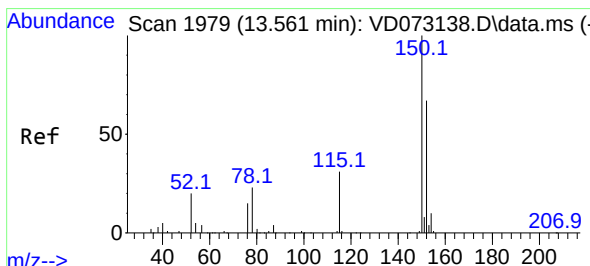
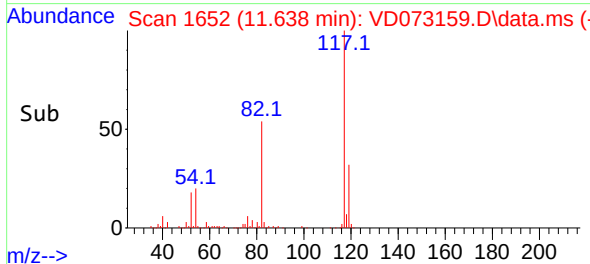
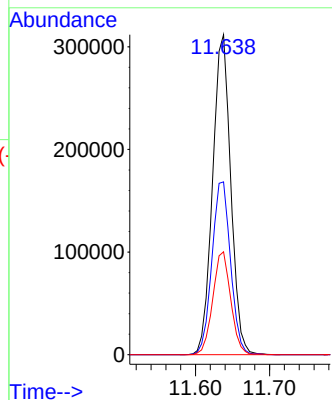
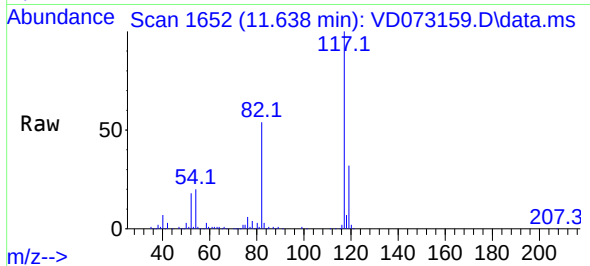




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073159.D
Acq: 20 May 2022 01:05

Instrument :
MSVOA_D
ClientSampleId :
P016-SS003-0006-01

Tgt Ion:117 Resp: 530350
Ion Ratio Lower Upper
117 100
82 54.0 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: VD073159.D
Acq: 20 May 2022 01:05

Tgt Ion:152 Resp: 237939
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 157.8 0.0 348.6

