

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073117.D
 Acq On : 19 May 2022 01:20
 Operator : VA/SY
 Sample : N2832-12
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB14

Quant Time: May 19 09:30:05 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	188503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	326631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	366904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	171248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	133967	56.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.660%
35) Dibromofluoromethane	7.908	113	123123	53.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.380%
50) Toluene-d8	10.332	98	411888	49.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.620	95	158728	52.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.340%

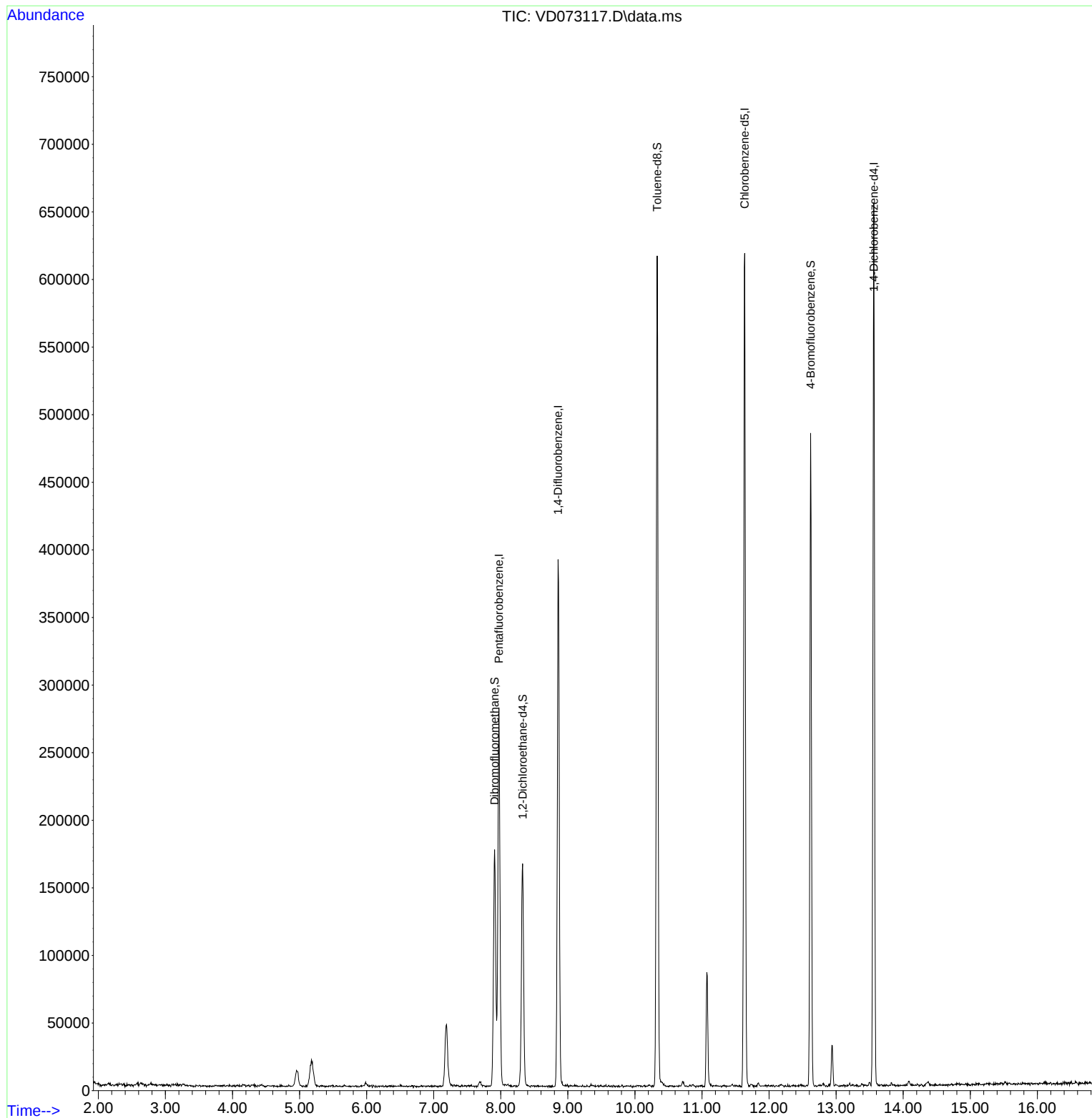
Target Compounds	Qvalue

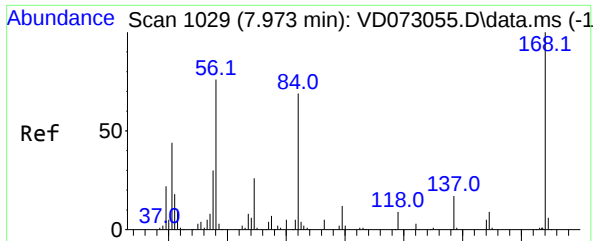
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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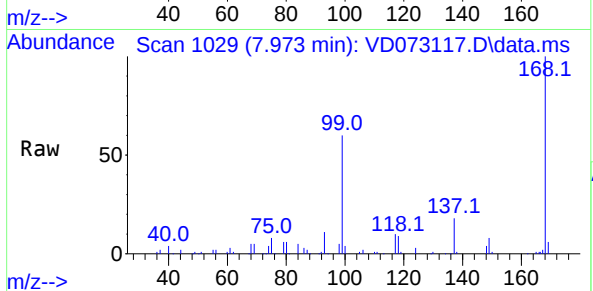
Quant Time: May 19 09:30:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
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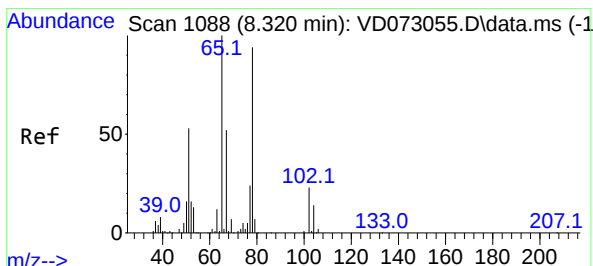
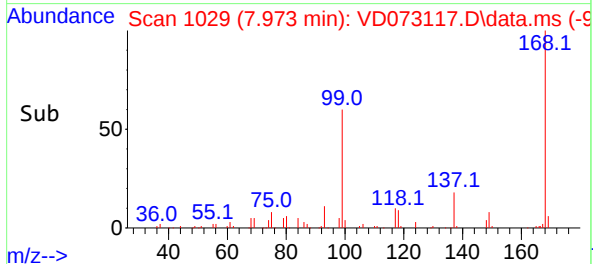
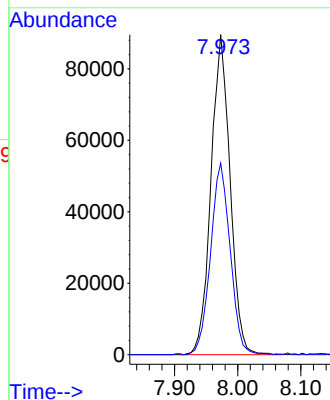


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073117.D
Acq: 19 May 2022 01:20

Instrument :
MSVOA_D
ClientSampleId :
SB14

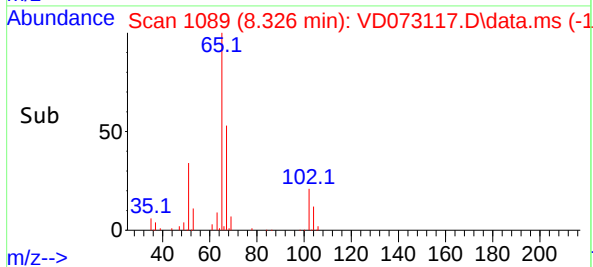
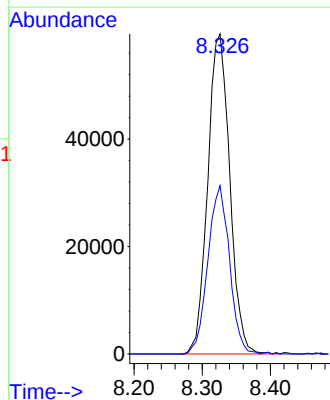
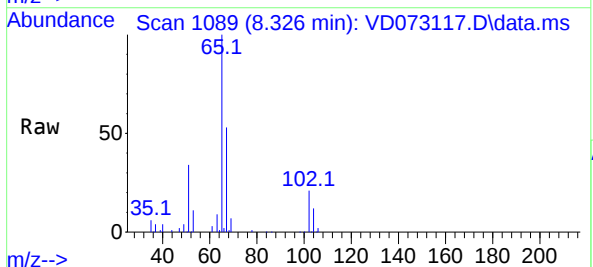


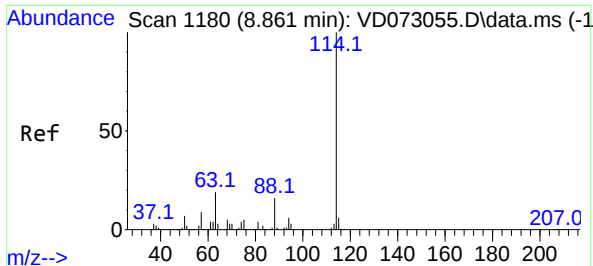
Tgt Ion:168 Resp: 188503
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 56.829 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073117.D
Acq: 19 May 2022 01:20

Tgt Ion: 65 Resp: 133967
Ion Ratio Lower Upper
65 100
67 51.5 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: VD073117.D

Acq: 19 May 2022 01:20

Instrument :

MSVOA_D

ClientSampleId :

SB14

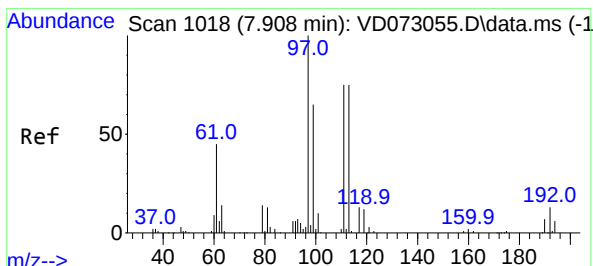
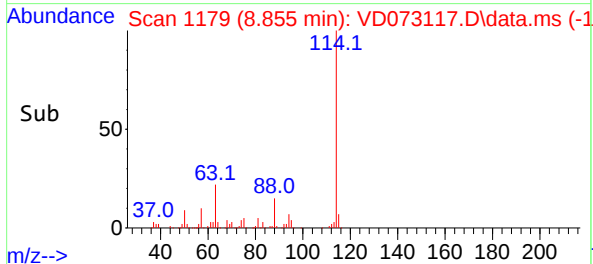
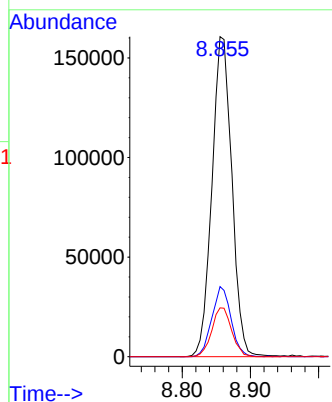
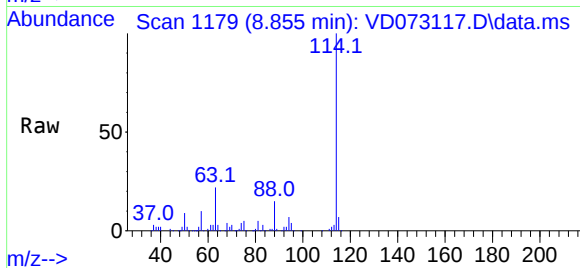
Tgt Ion:114 Resp: 326631

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.688 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073117.D

Acq: 19 May 2022 01:20

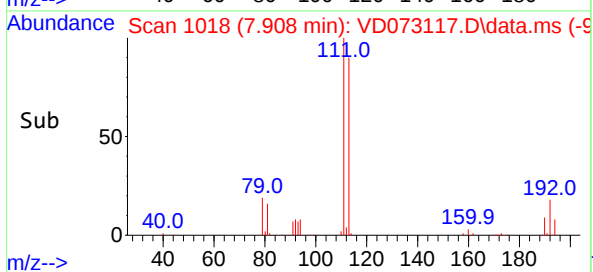
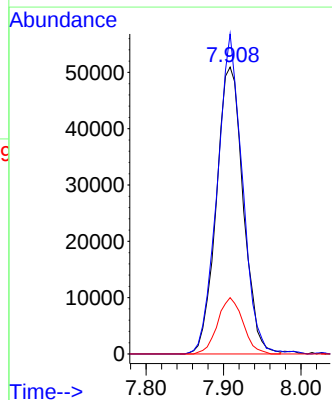
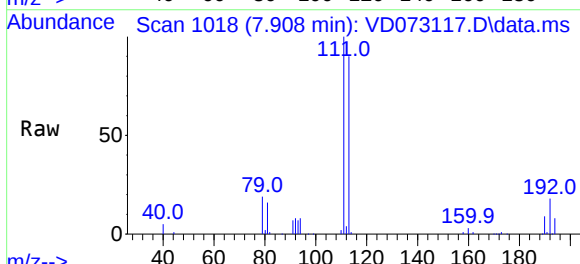
Tgt Ion:113 Resp: 123123

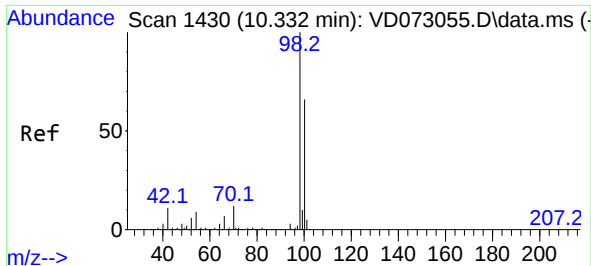
Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 18.5 14.6 21.8

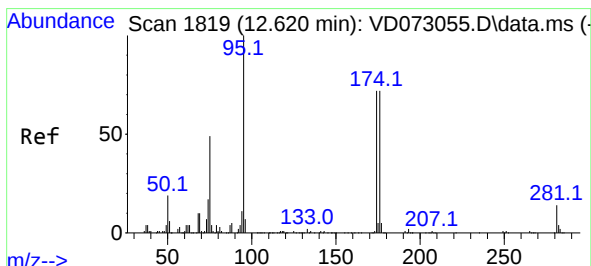
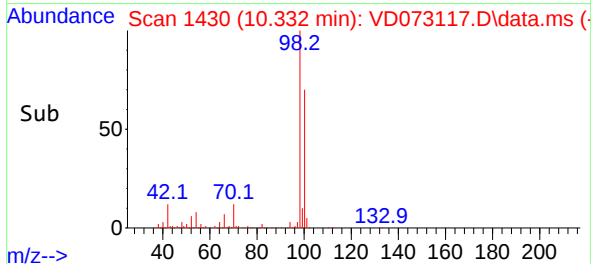
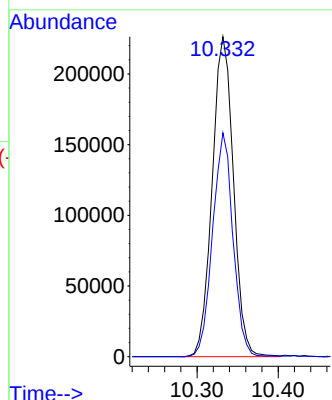
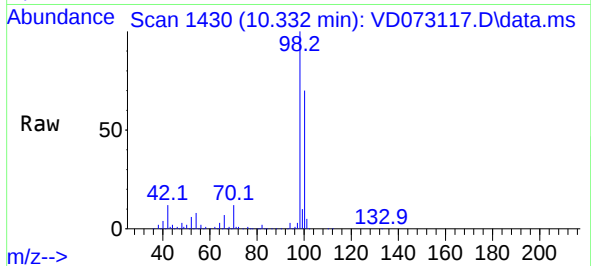




#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073117.D
Acq: 19 May 2022 01:20

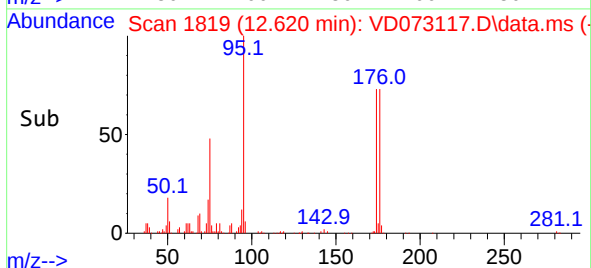
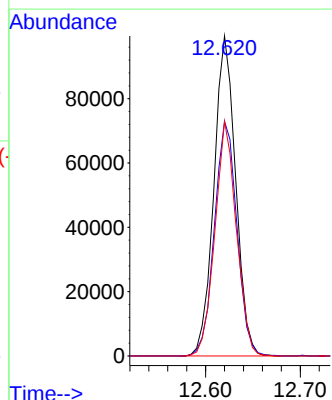
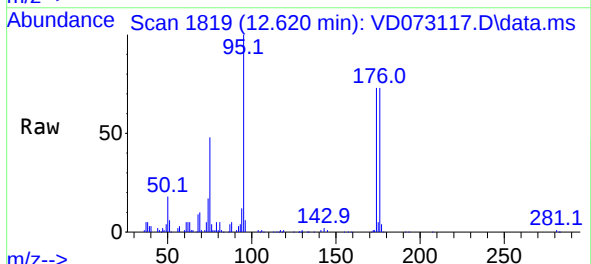
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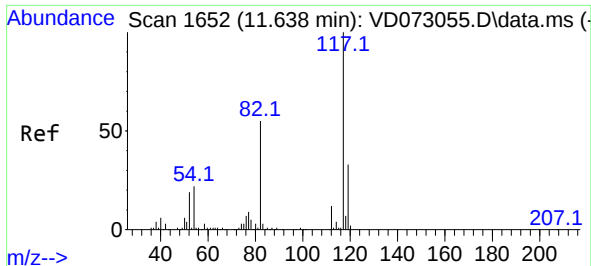
Tgt Ion: 98 Resp: 411888
Ion Ratio Lower Upper
98 100
100 67.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.675 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073117.D
Acq: 19 May 2022 01:20

Tgt Ion: 95 Resp: 158728
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 72.4 0.0 145.4

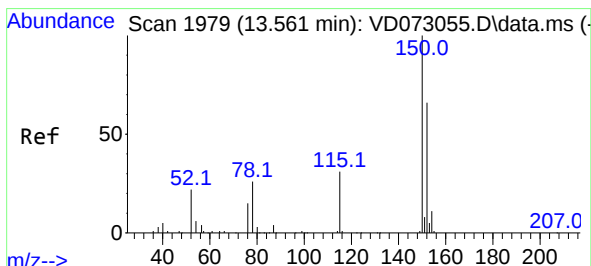
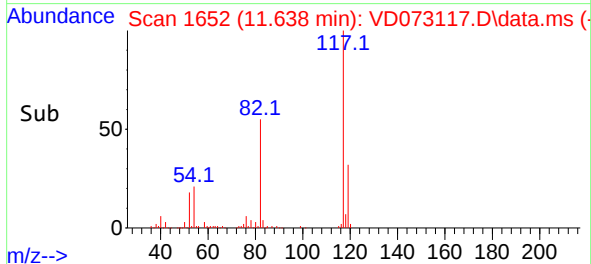
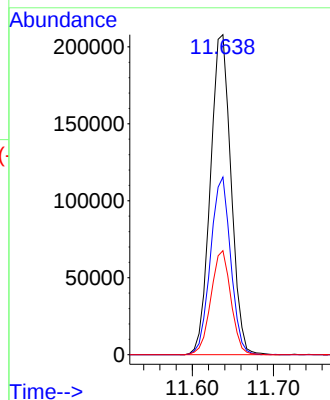
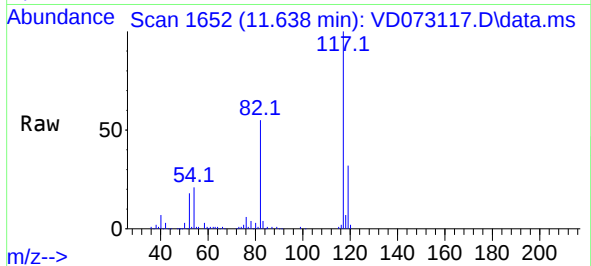




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073117.D
Acq: 19 May 2022 01:20

Instrument :
MSVOA_D
ClientSampleId :
SB14

Tgt Ion:117 Resp: 366904
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.5 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: VD073117.D
Acq: 19 May 2022 01:20

Tgt Ion:152 Resp: 171248
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 156.6 0.0 348.6

