

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073113.D
 Acq On : 18 May 2022 23:25
 Operator : VA/SY
 Sample : VD0518SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBL02

Quant Time: May 19 04:49:25 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	306138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	540228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	553823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	252726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	163888	42.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.620%
35) Dibromofluoromethane	7.909	113	184916	48.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.332	98	667445	48.505	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.620	95	236244	47.401	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.800%

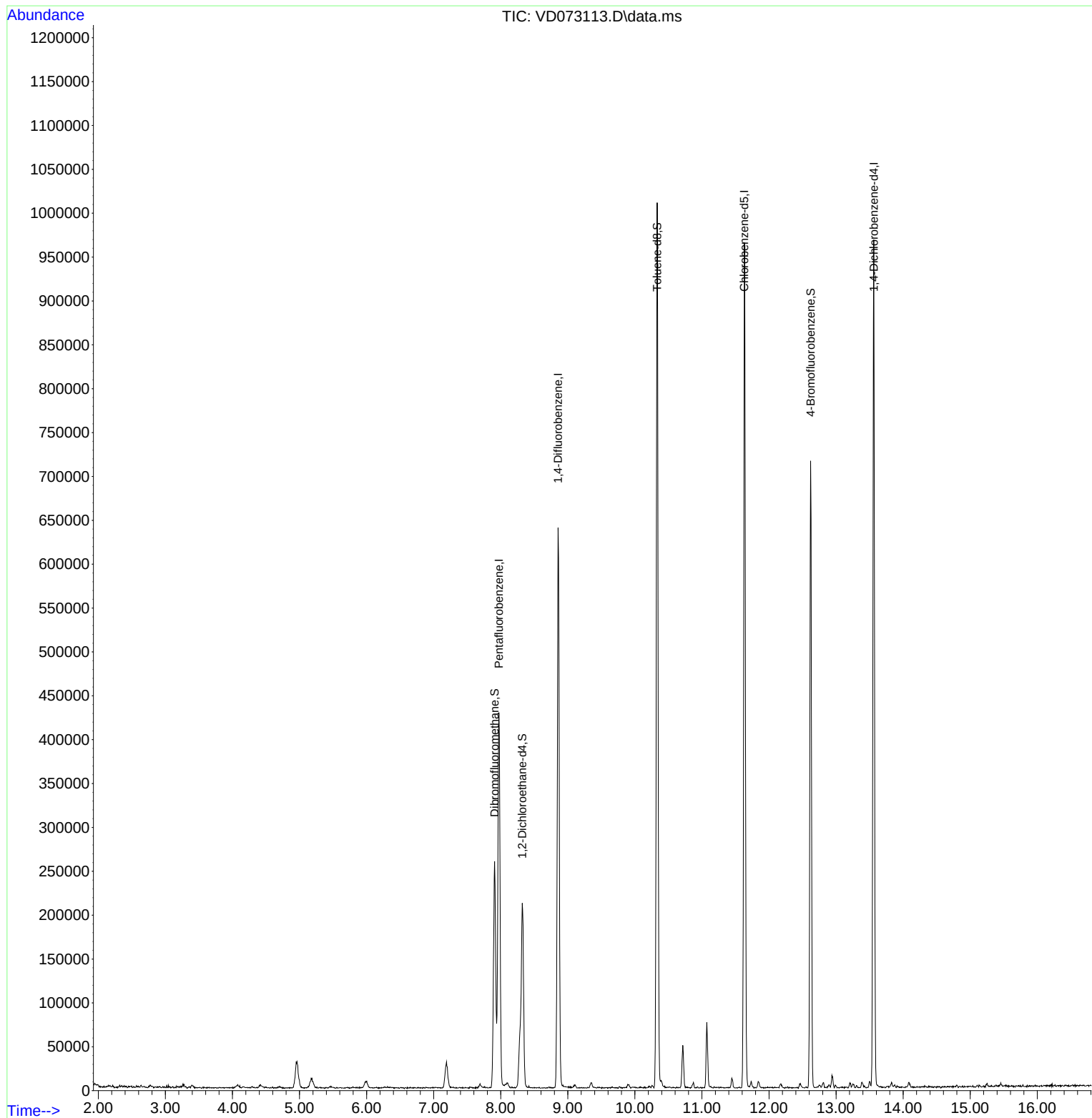
Target Compounds	Qvalue

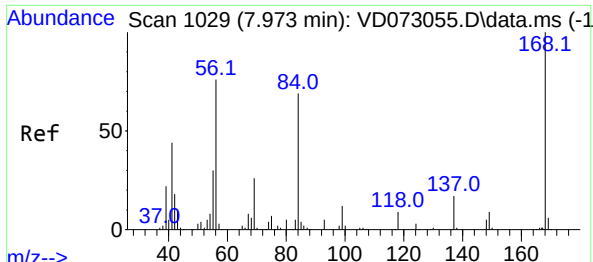
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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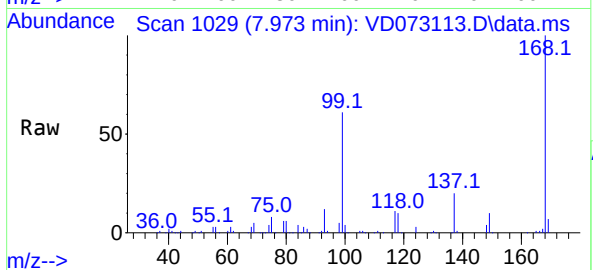
Quant Time: May 19 04:49:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
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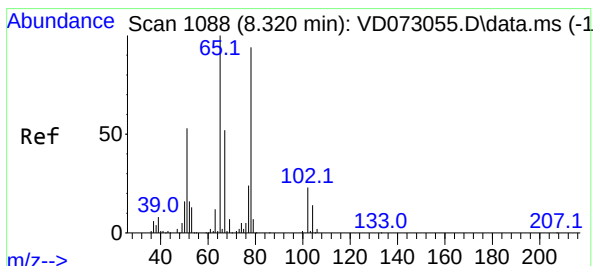
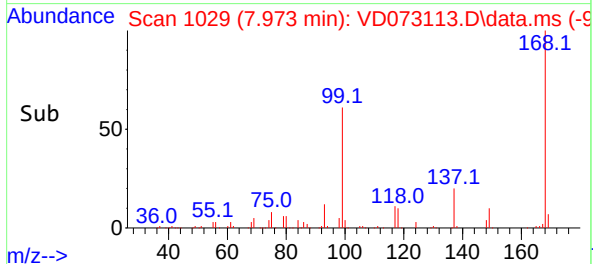
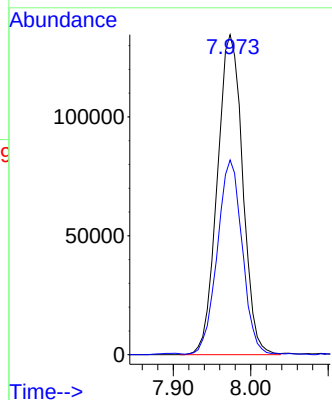


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

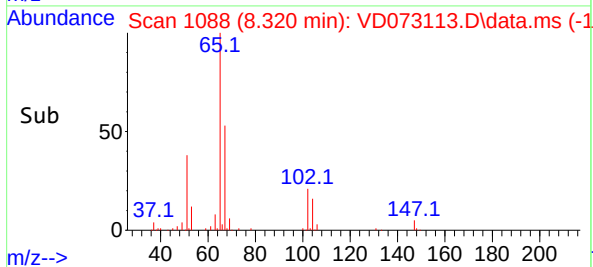
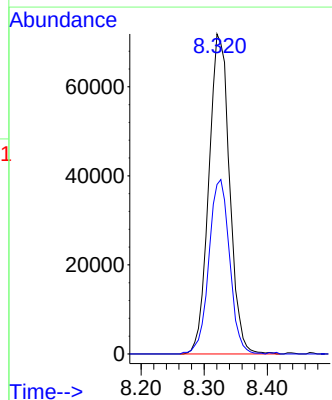
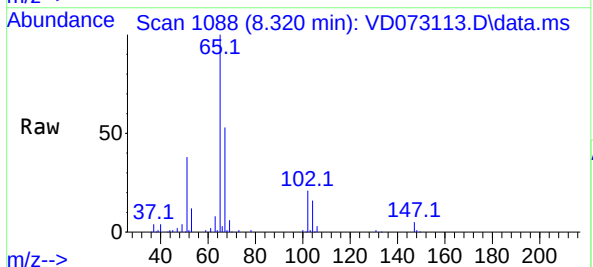


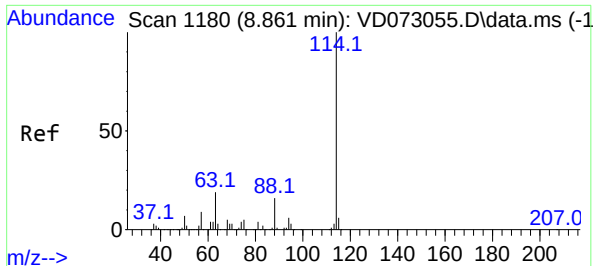
Tgt Ion:168 Resp: 306138
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 42.807 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Tgt Ion: 65 Resp: 163888
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073113.D

Acq: 18 May 2022 23:25

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBL02

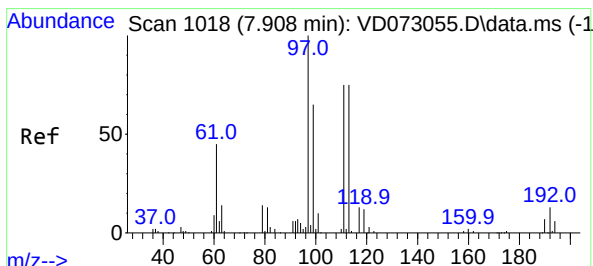
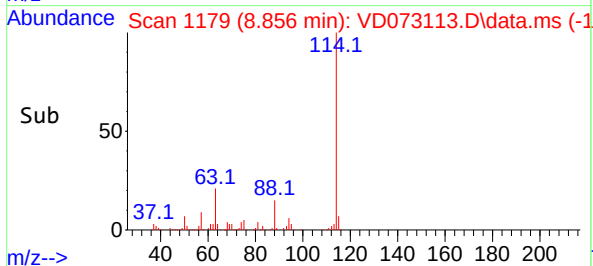
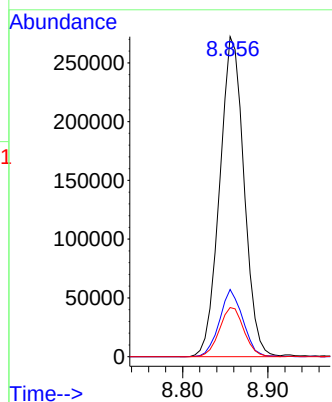
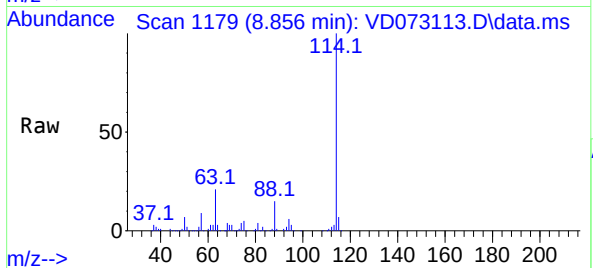
Tgt Ion:114 Resp: 540228

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.752 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073113.D

Acq: 18 May 2022 23:25

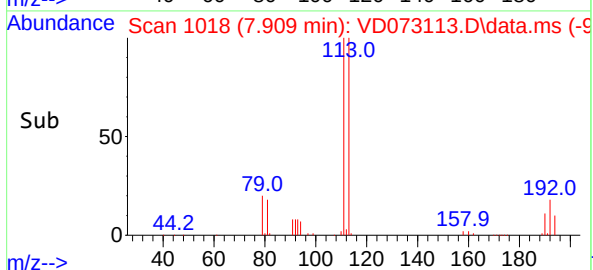
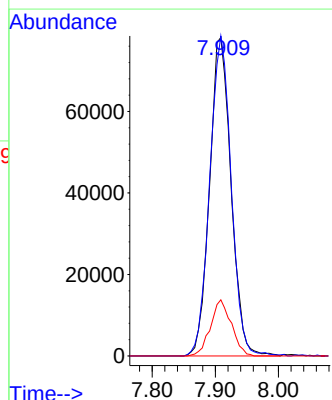
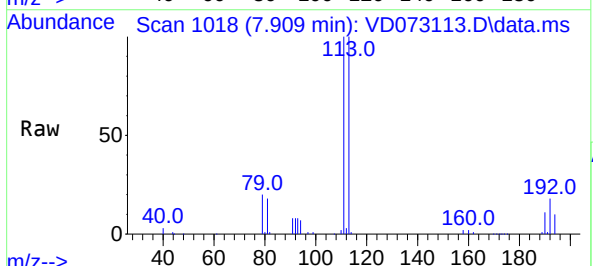
Tgt Ion:113 Resp: 184916

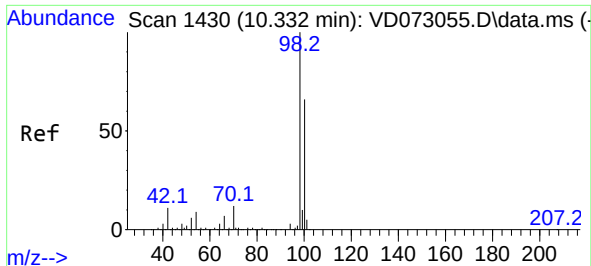
Ion Ratio Lower Upper

113 100

111 100.5 83.8 125.6

192 17.1 14.6 21.8

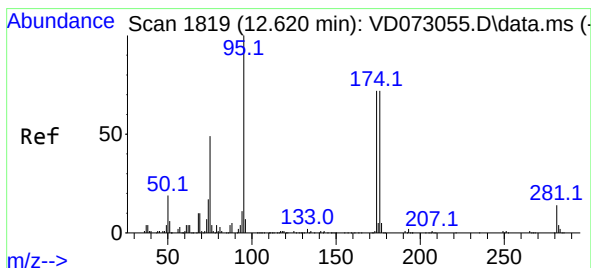
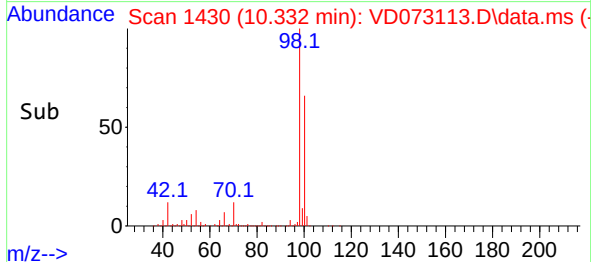
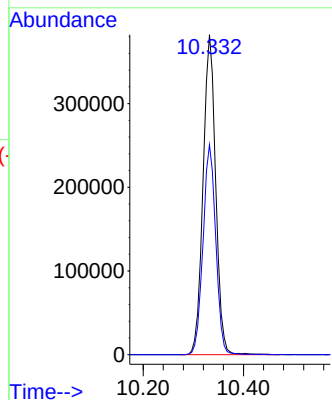
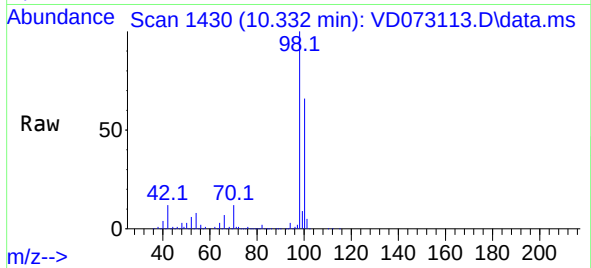




#50
Toluene-d8
Concen: 48.505 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

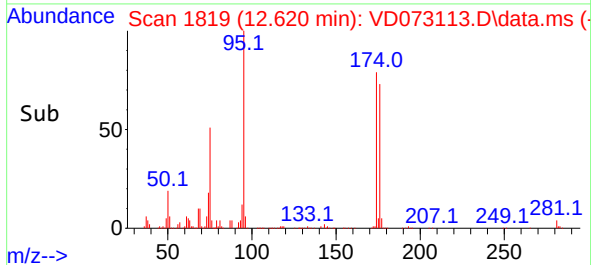
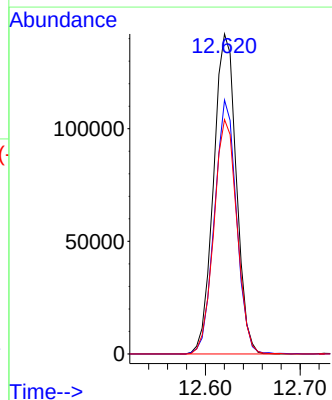
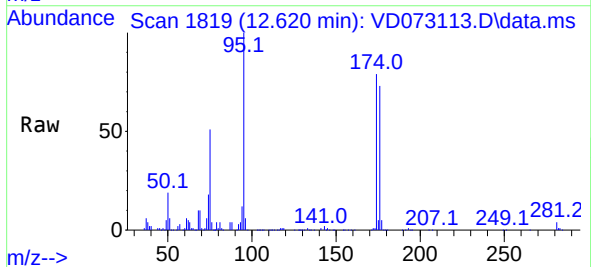
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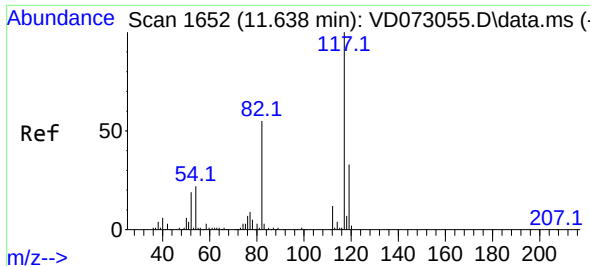
Tgt Ion: 98 Resp: 667445
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.401 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Tgt Ion: 95 Resp: 236244
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.3 0.0 145.4

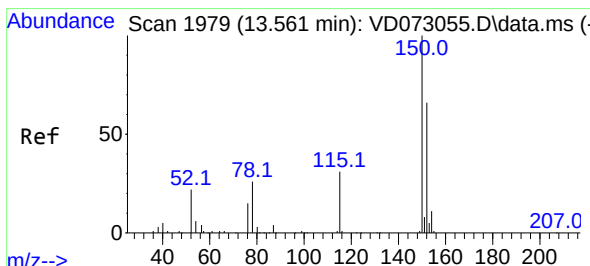
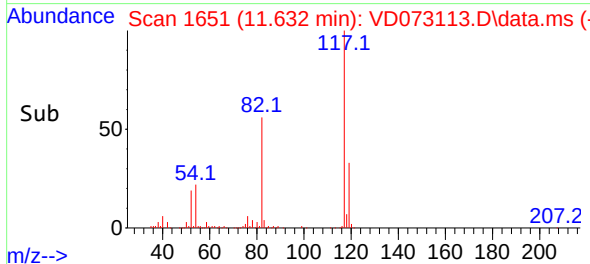
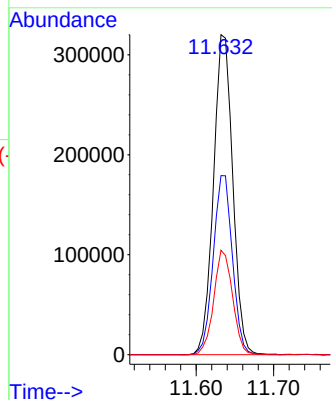
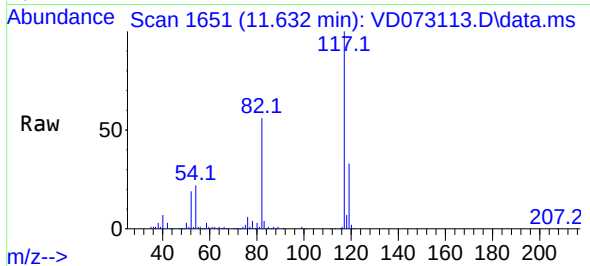




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

Tgt Ion:117 Resp: 553823
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 32.7 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: VD073113.D
Acq: 18 May 2022 23:25

Tgt Ion:152 Resp: 252726
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 156.4 0.0 348.6

