

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073262.D
 Acq On : 22 May 2022 08:29
 Operator : VA/SY
 Sample : N2920-17
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS005-0006-01

Quant Time: May 23 01:14:24 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	336839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	619807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	676282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	325889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	229659	61.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.380%
35) Dibromofluoromethane	7.909	113	218794	53.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.332	98	772324	51.227	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.620	95	310218	58.632	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.260%

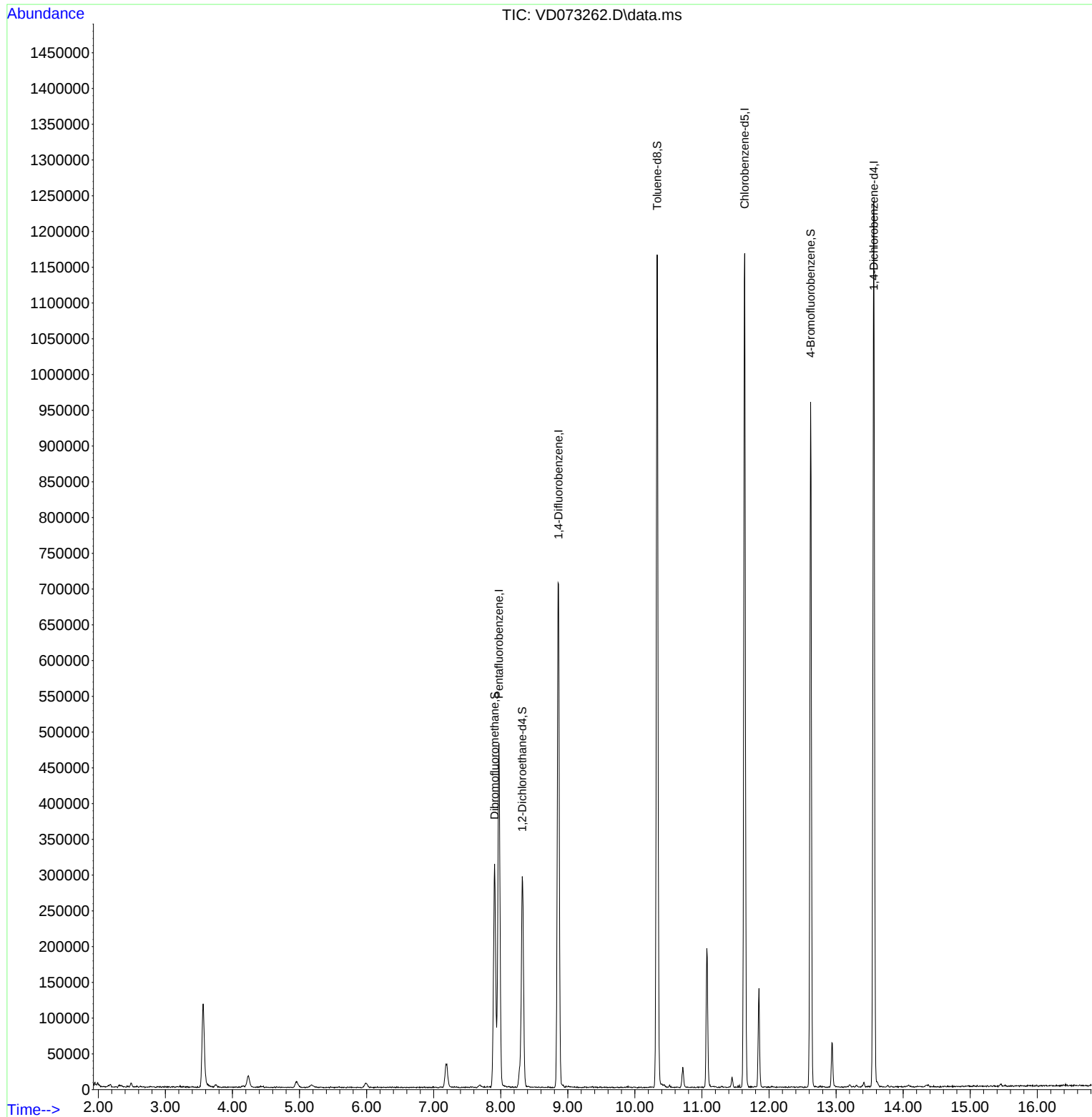
Target Compounds	Qvalue

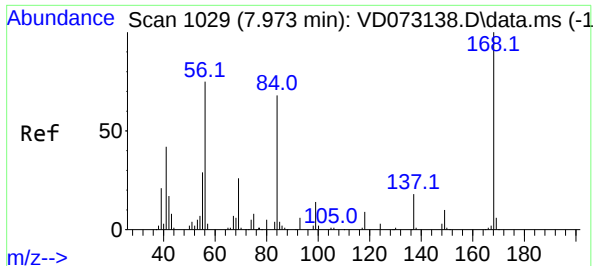
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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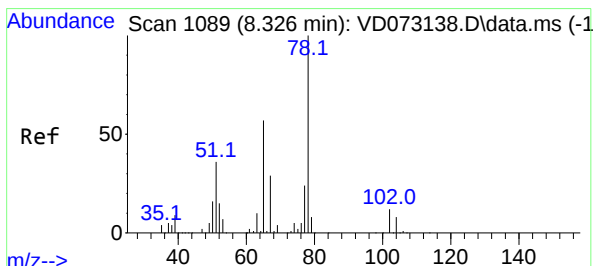
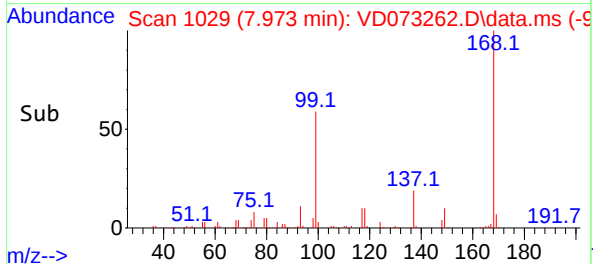
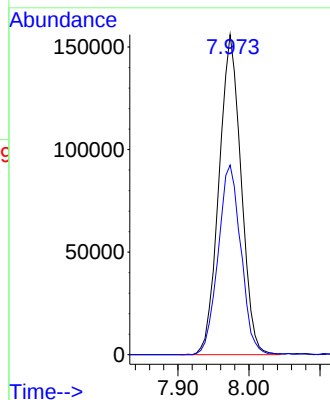
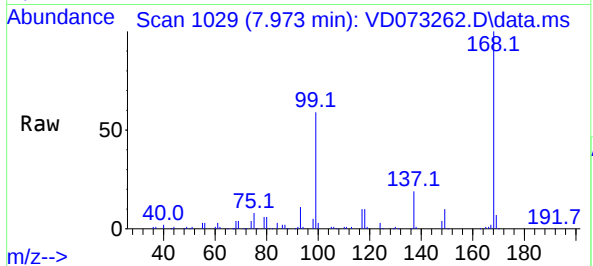




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073262.D
Acq: 22 May 2022 08:29

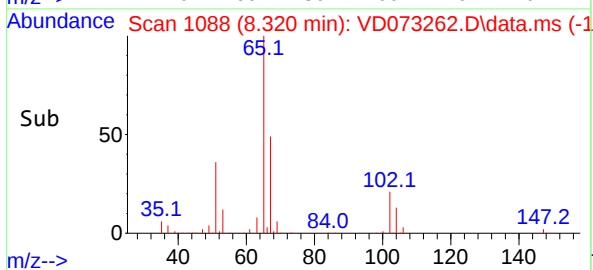
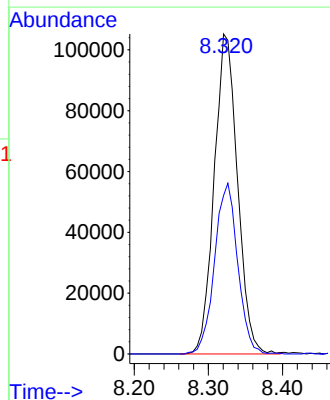
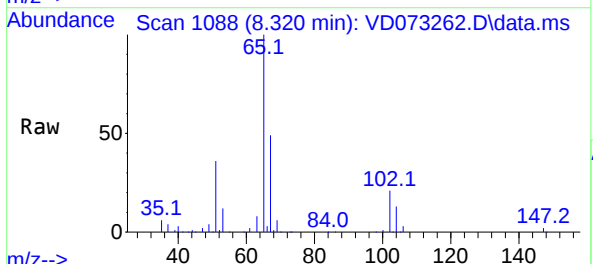
Instrument :
MSVOA_D
ClientSampleId :
P024-SS005-0006-01

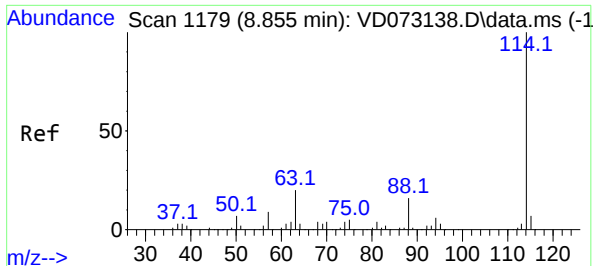
Tgt Ion:168 Resp: 336839
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 61.694 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073262.D
Acq: 22 May 2022 08:29

Tgt Ion: 65 Resp: 229659
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4

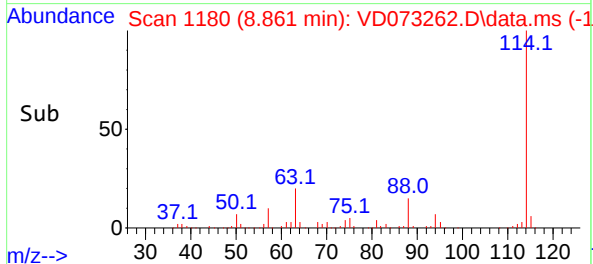
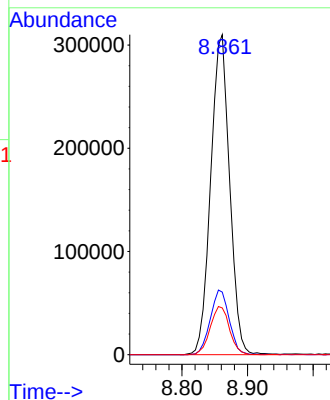
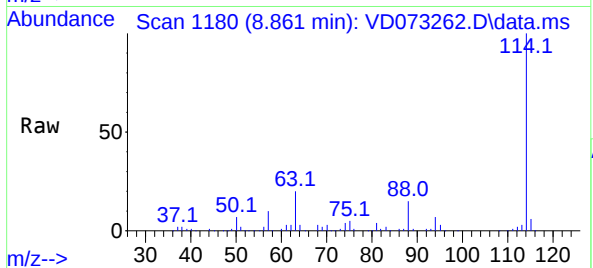




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073262.D
Acq: 22 May 2022 08:29

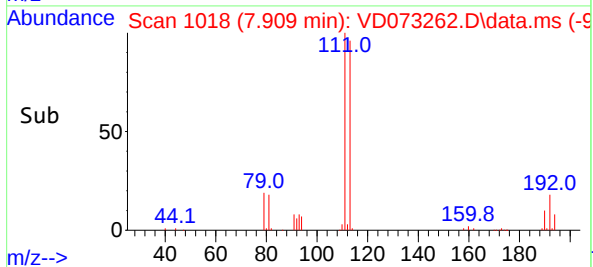
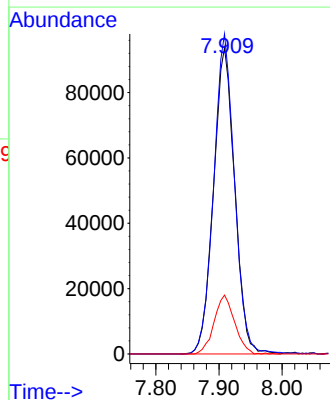
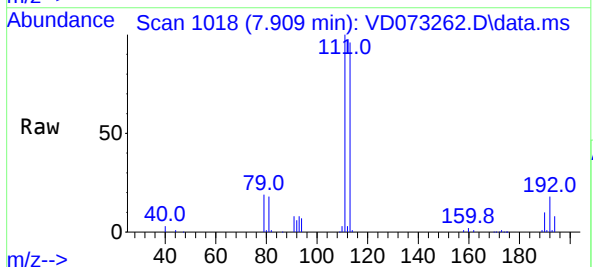
Instrument :
MSVOA_D
ClientSampleId :
P024-SS005-0006-01

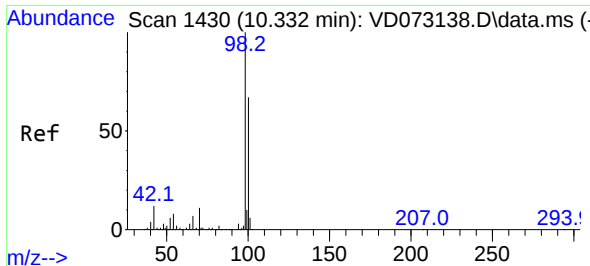
Tgt Ion:114 Resp: 619807
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 14.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.496 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073262.D
Acq: 22 May 2022 08:29

Tgt Ion:113 Resp: 218794
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.5 14.6 21.8

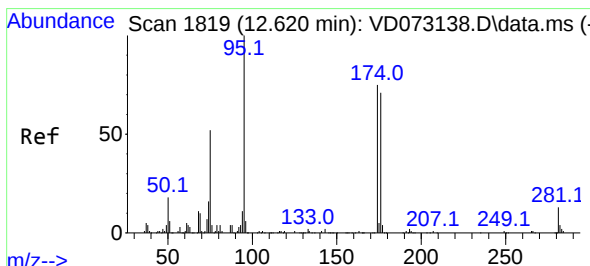
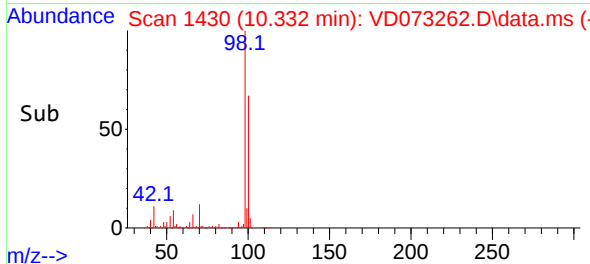
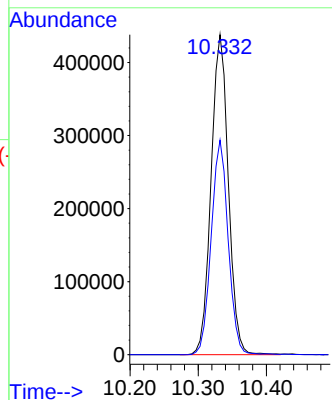
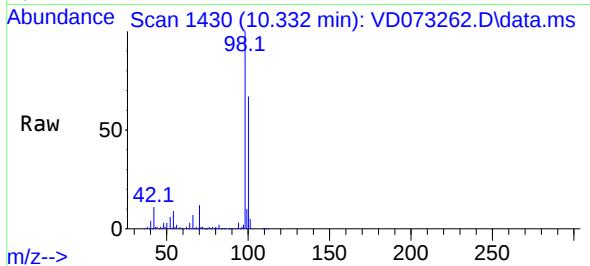




#50
Toluene-d8
Concen: 51.227 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073262.D
Acq: 22 May 2022 08:29

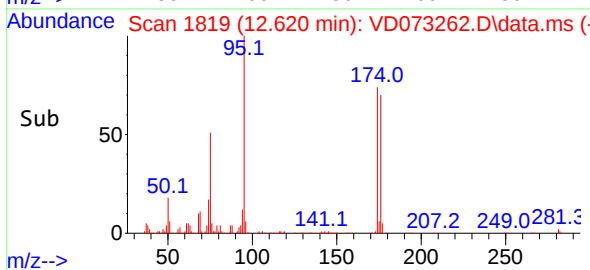
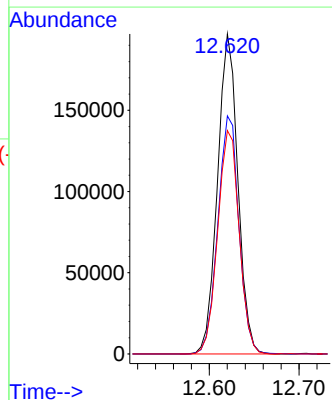
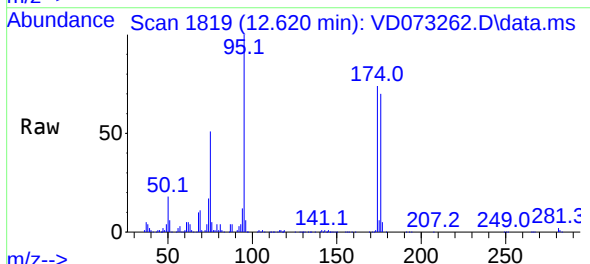
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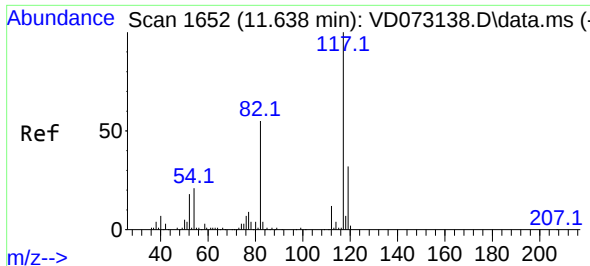
Tgt Ion: 98 Resp: 772324
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.632 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073262.D
Acq: 22 May 2022 08:29

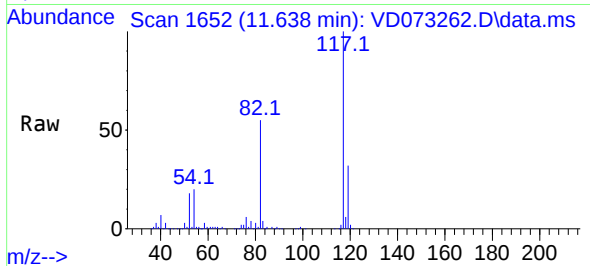
Tgt Ion: 95 Resp: 310218
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 73.5 0.0 145.4



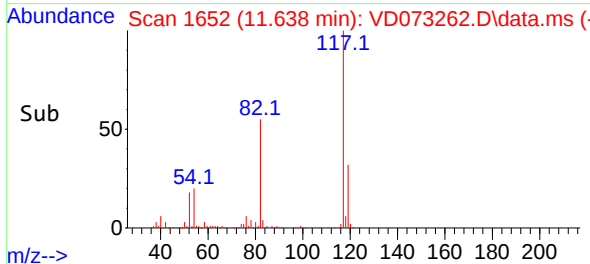
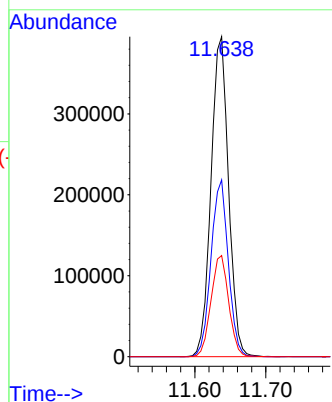


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073262.D
Acq: 22 May 2022 08:29

Instrument :
MSVOA_D
ClientSampleId :
P024-SS005-0006-01



Tgt Ion:117 Resp: 676282
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 31.6 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: VD073262.D
Acq: 22 May 2022 08:29

Tgt Ion:152 Resp: 325889
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 155.1 0.0 348.6

