

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073309.D
 Acq On : 24 May 2022 04:50
 Operator : VA/SY
 Sample : N2949-11
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0006-01

Quant Time: May 24 08:16:56 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	264832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	498524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	502589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	208526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165598	56.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.160%	
35) Dibromofluoromethane	7.909	113	175920	53.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.960%	
50) Toluene-d8	10.332	98	608556	50.185	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.620	95	217204	51.040	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.080%	

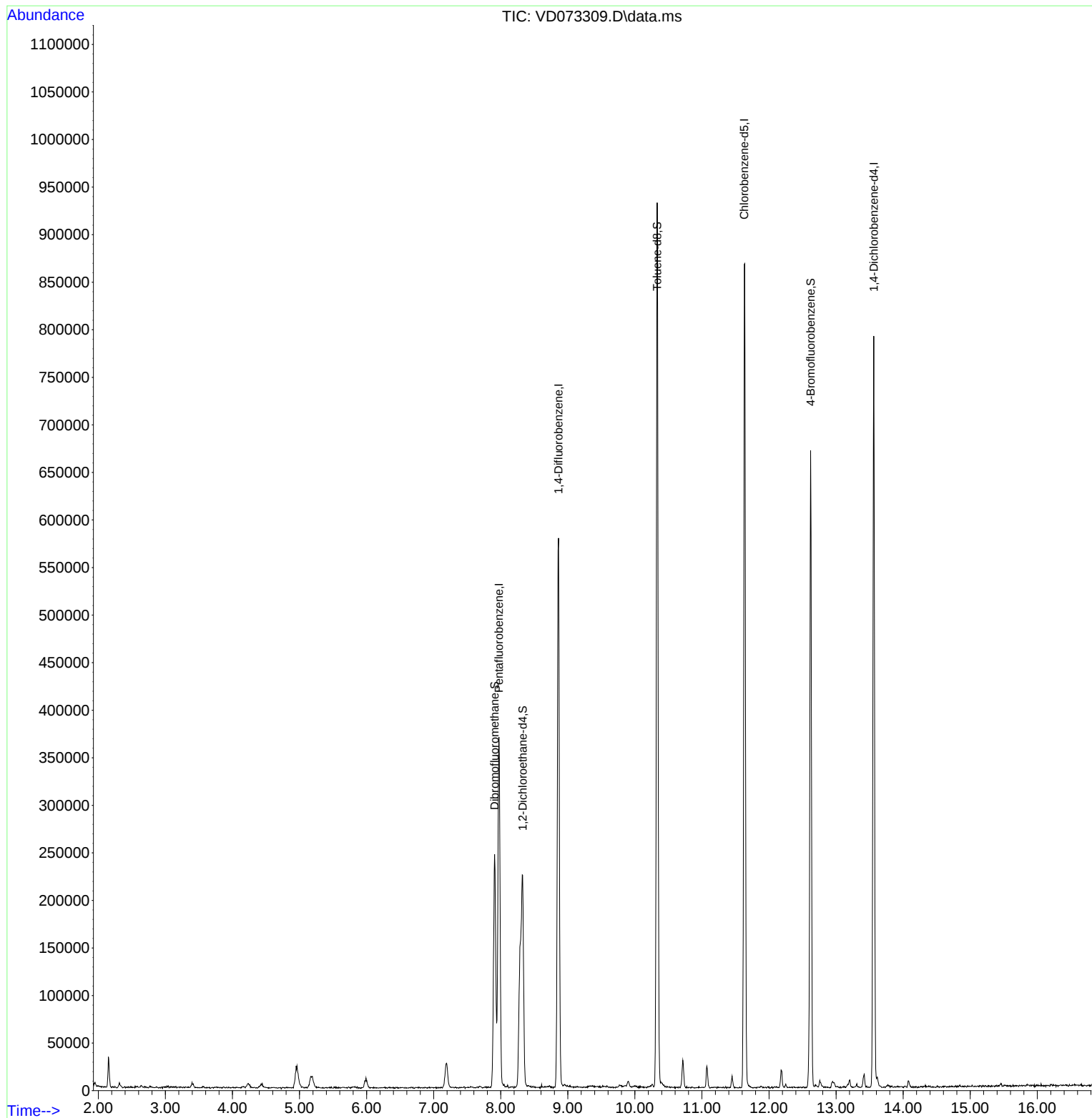
Target Compounds	Qvalue

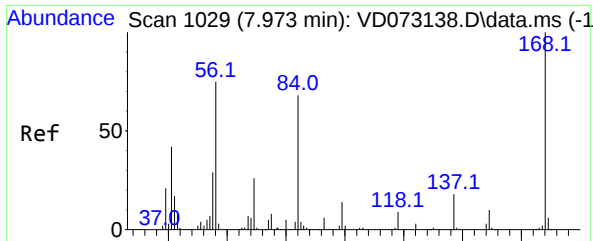
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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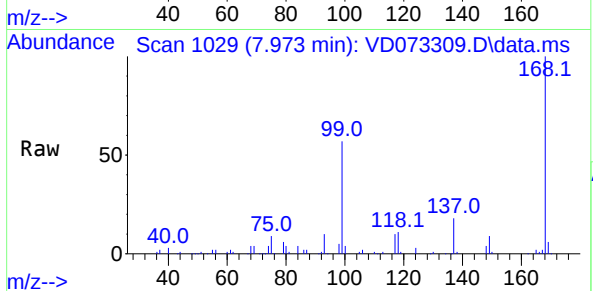
Quant Time: May 24 08:16:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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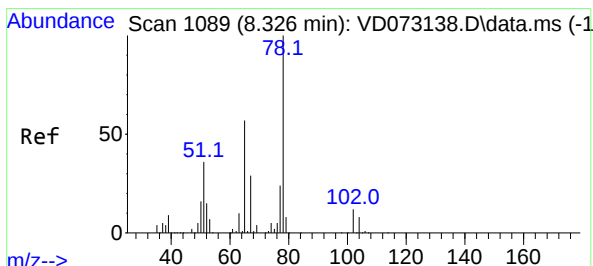
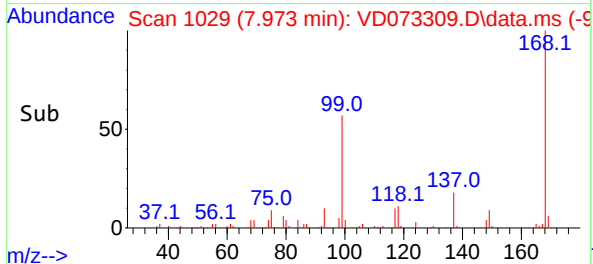
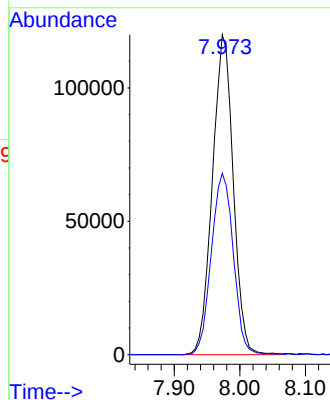


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073309.D
Acq: 24 May 2022 04:50

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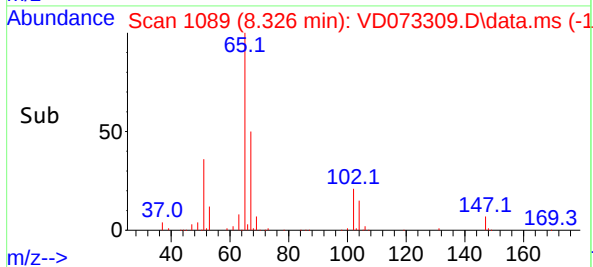
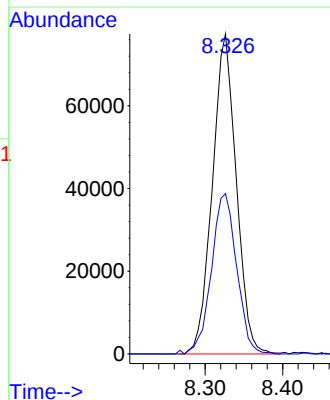
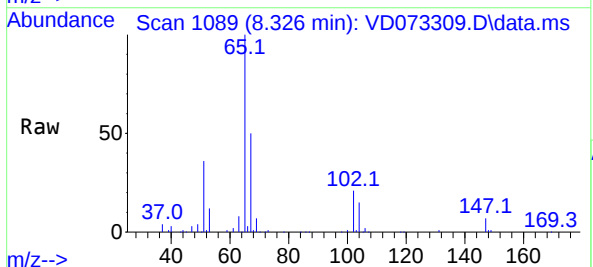


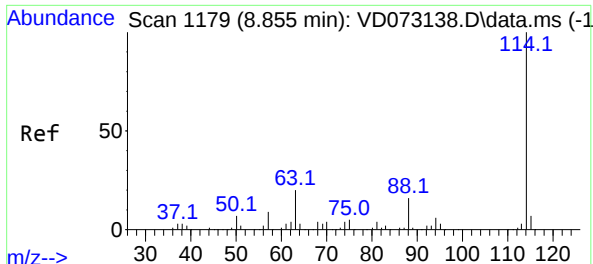
Tgt Ion:168 Resp: 264832
Ion Ratio Lower Upper
168 100
99 56.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 56.580 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073309.D
Acq: 24 May 2022 04:50

Tgt Ion: 65 Resp: 165598
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: VD073309.D

Acq: 24 May 2022 04:50

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0006-01

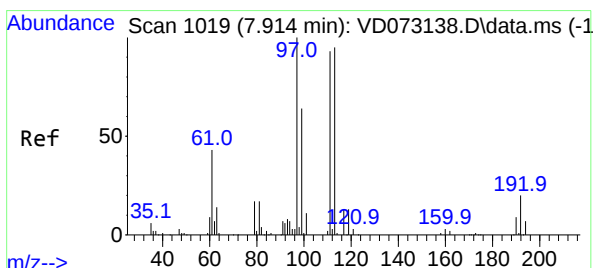
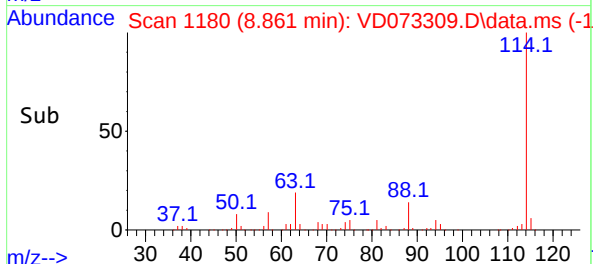
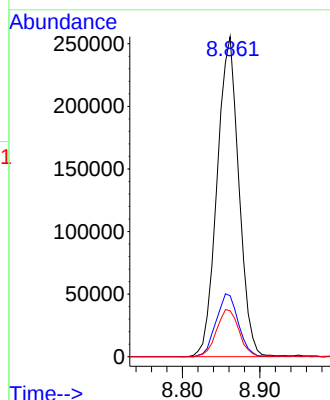
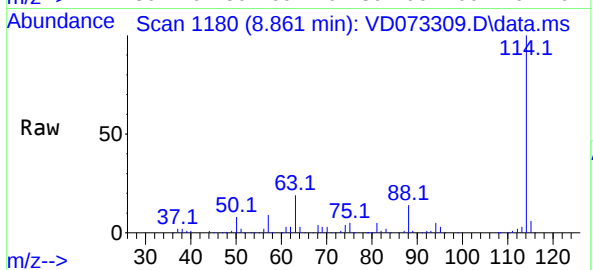
Tgt Ion:114 Resp: 498524

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 14.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.478 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073309.D

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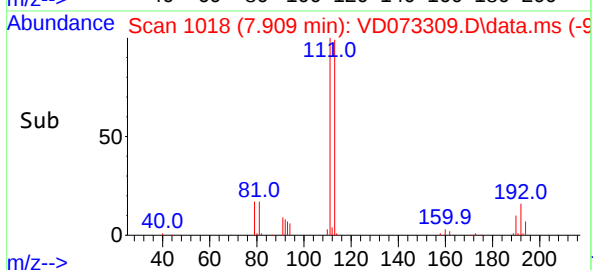
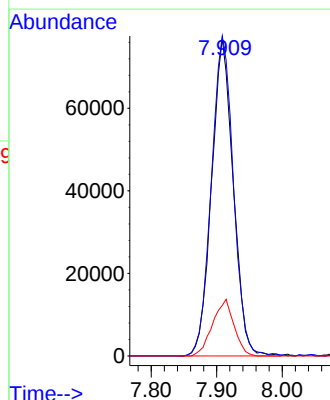
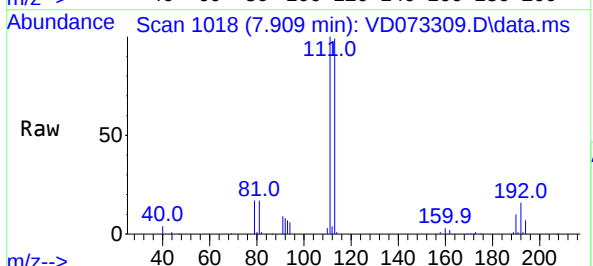
Tgt Ion:113 Resp: 175920

Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.7 14.6 21.8

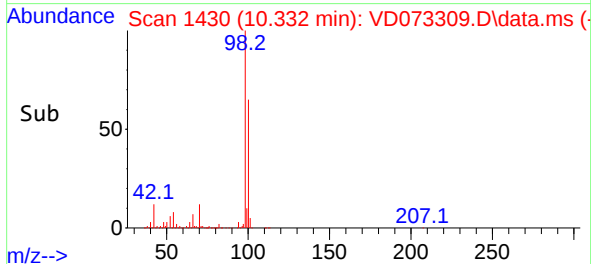
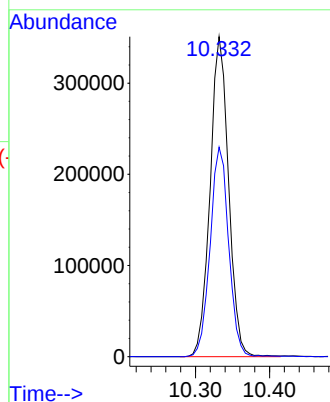
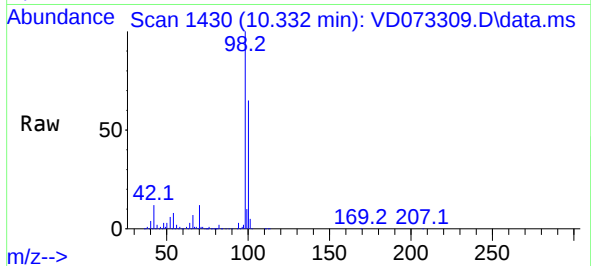




#50
Toluene-d8
Concen: 50.185 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073309.D
Acq: 24 May 2022 04:50

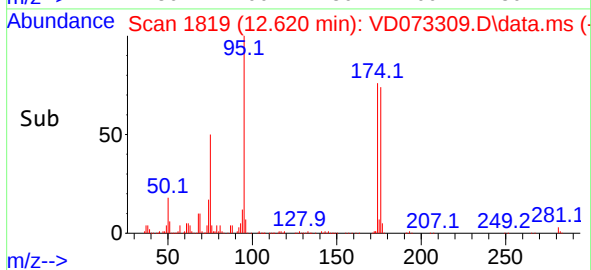
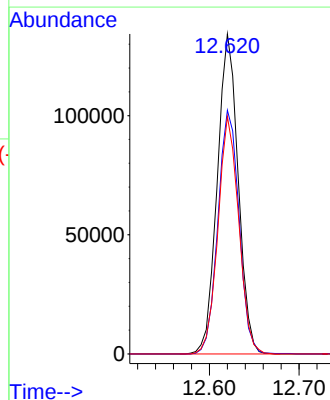
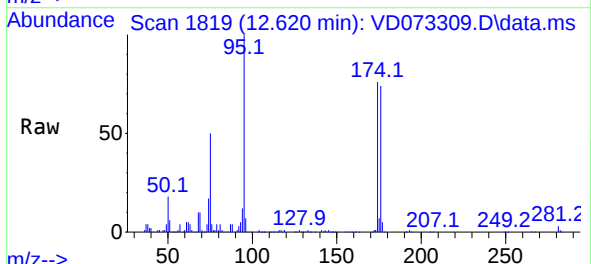
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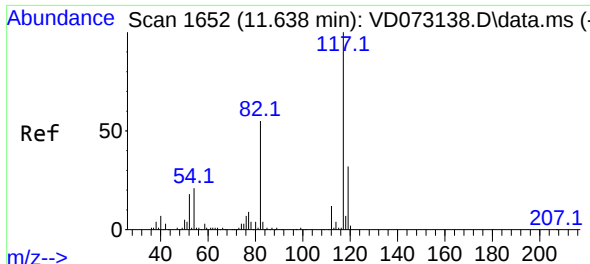
Tgt Ion: 98 Resp: 608556
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.040 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073309.D
Acq: 24 May 2022 04:50

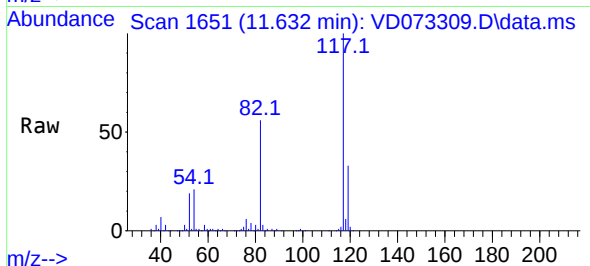
Tgt Ion: 95 Resp: 217204
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 73.4 0.0 145.4



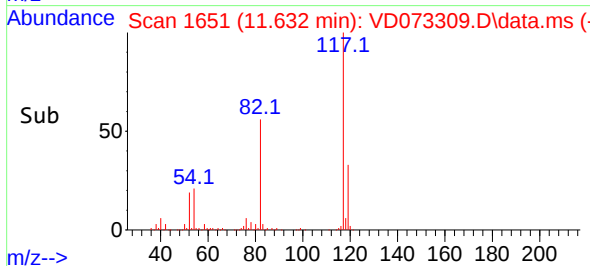
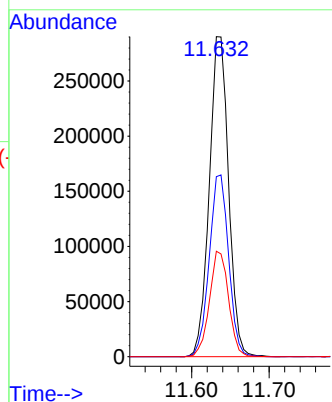


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073309.D
Acq: 24 May 2022 04:50

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0006-01



Tgt Ion:117 Resp: 502589
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 33.0 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: VD073309.D
Acq: 24 May 2022 04:50

Tgt Ion:152 Resp: 208526
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 156.7 0.0 348.6

