

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073353.D
 Acq On : 25 May 2022 06:11
 Operator : VA/SY
 Sample : N2886-09
 Misc : 5.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0612-01

Quant Time: May 25 06:45:17 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	7.979	168	285622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	523363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	539800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157214	49.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.620%
35) Dibromofluoromethane	7.908	113	170670	49.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.332	98	637992	50.115	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.620	95	235791	52.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.560%

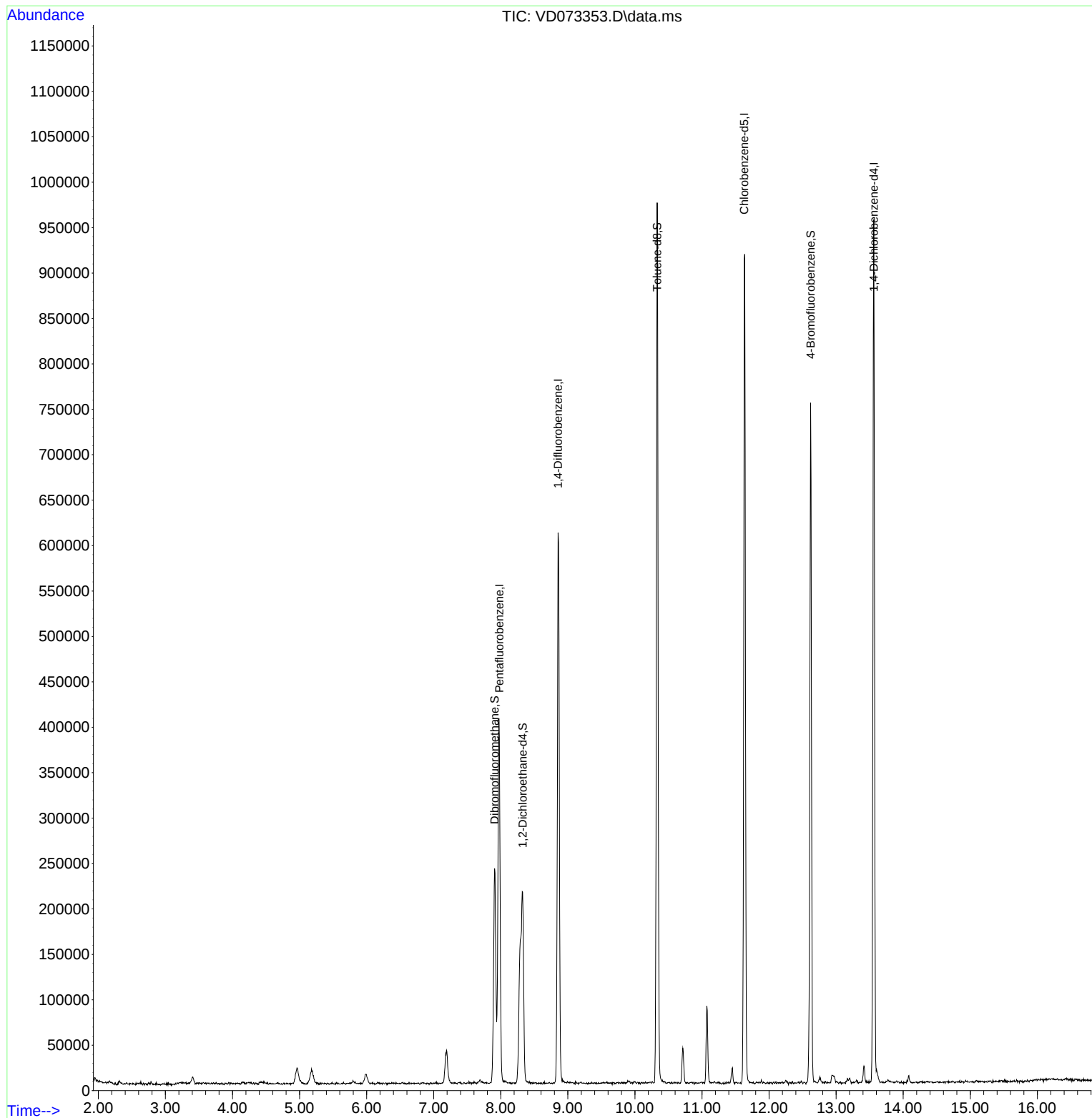
Target Compounds	Qvalue

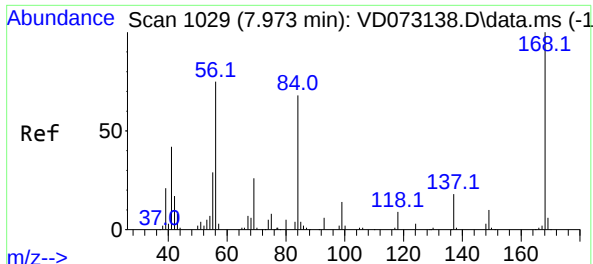
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073353.D

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MSVOA_D

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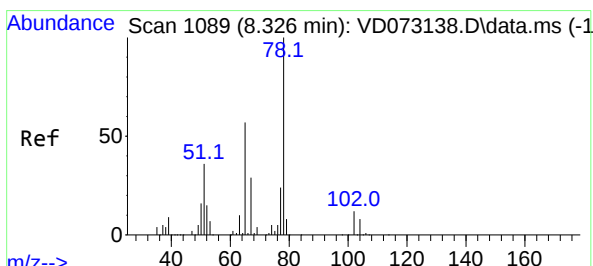
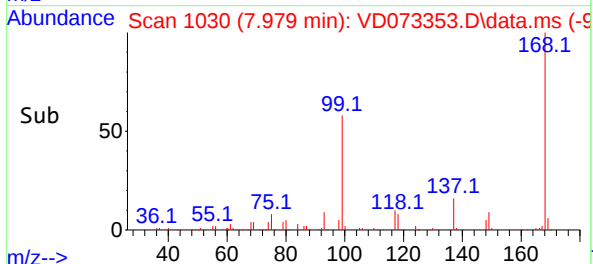
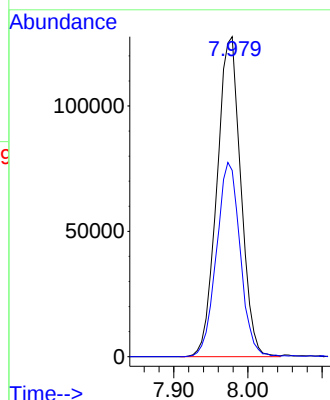
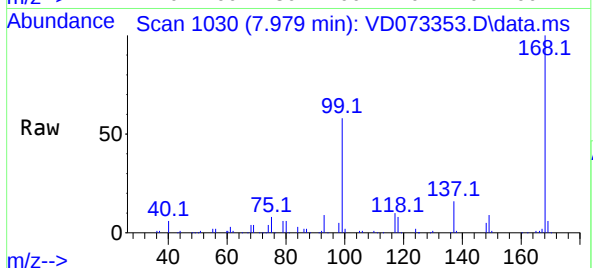
P021-SS001-0612-01

Tgt Ion:168 Resp: 285622

Ion Ratio Lower Upper

168 100

99 58.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 49.806 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073353.D

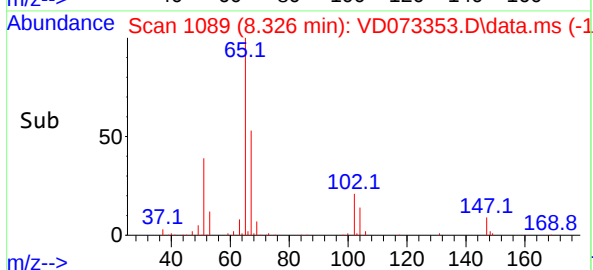
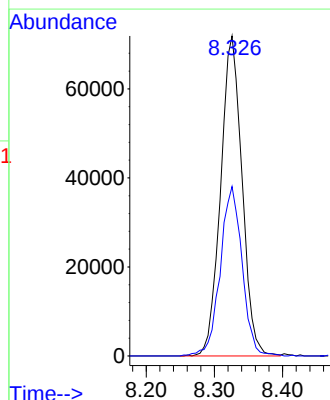
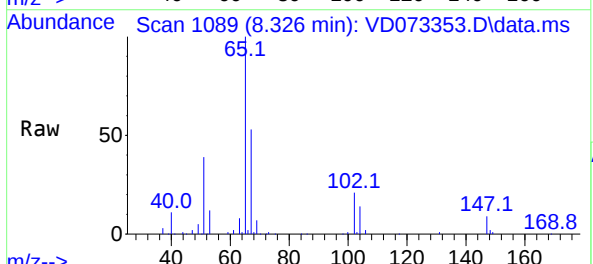
Acq: 25 May 2022 06:11

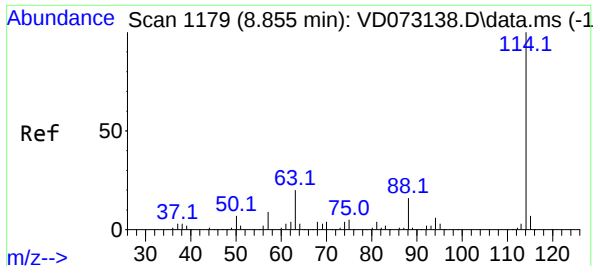
Tgt Ion: 65 Resp: 157214

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.4

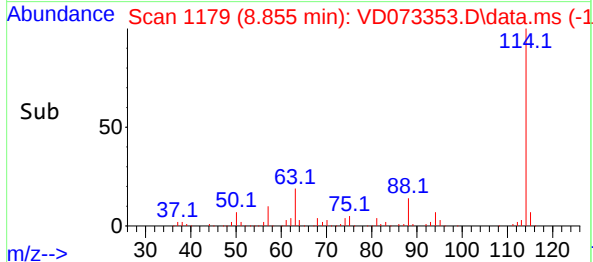
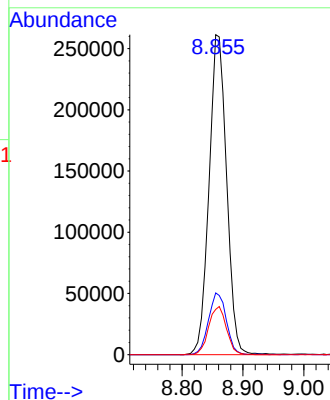
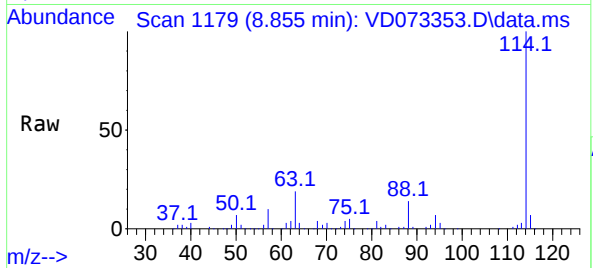




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073353.D
Acq: 25 May 2022 06:11

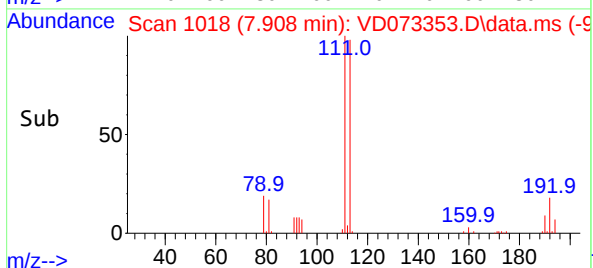
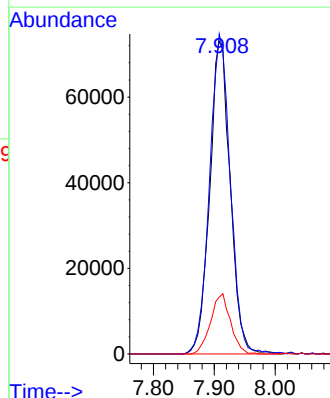
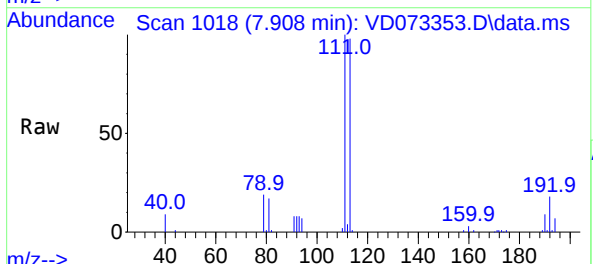
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0612-01

Tgt Ion:114 Resp: 523363
Ion Ratio Lower Upper
114 100
63 19.3 0.0 46.6
88 14.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.419 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073353.D
Acq: 25 May 2022 06:11

Tgt Ion:113 Resp: 170670
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.7 14.6 21.8

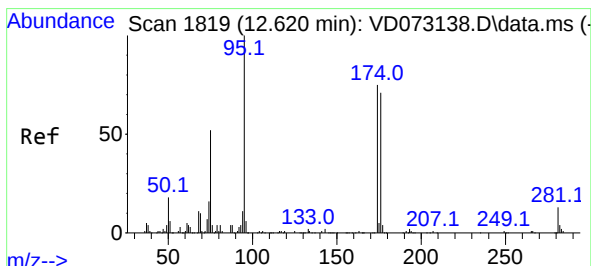
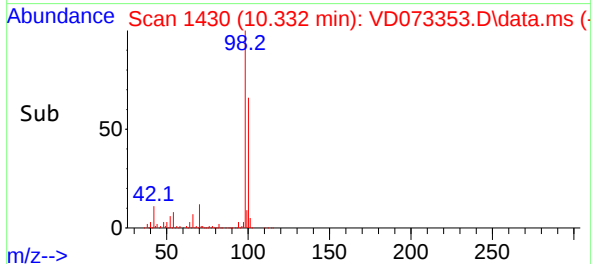
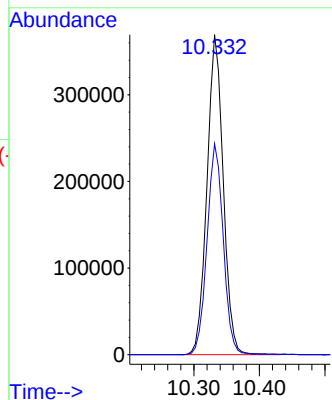
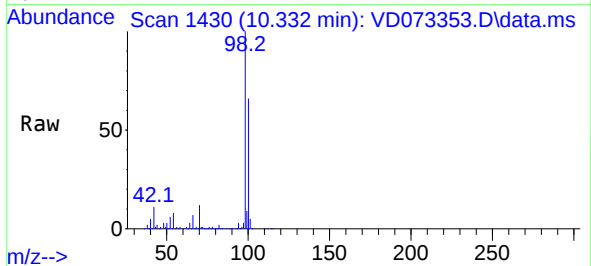




#50
Toluene-d8
Concen: 50.115 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073353.D
Acq: 25 May 2022 06:11

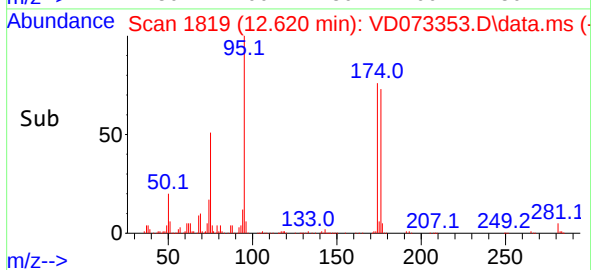
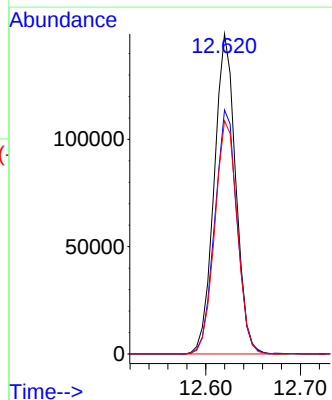
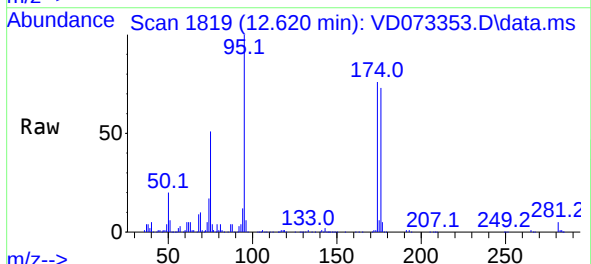
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0612-01

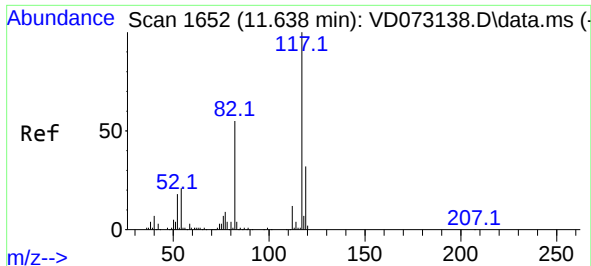
Tgt Ion: 98 Resp: 637992
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.778 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073353.D
Acq: 25 May 2022 06:11

Tgt Ion: 95 Resp: 235791
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.8
176 76.2 0.0 145.4

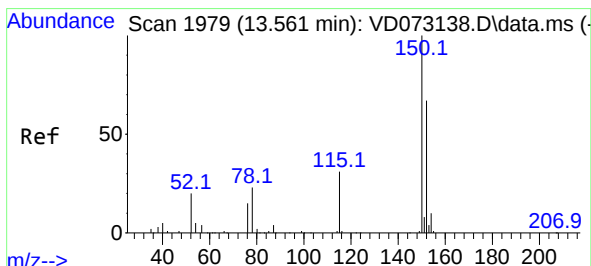
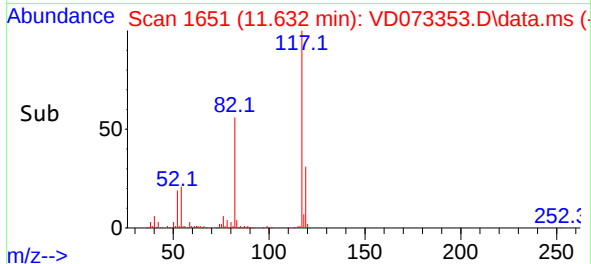
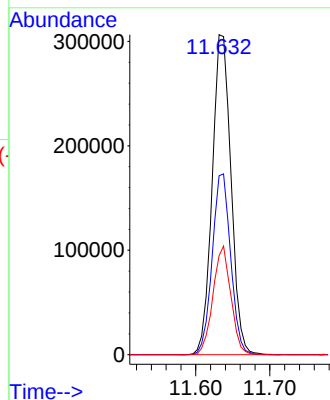
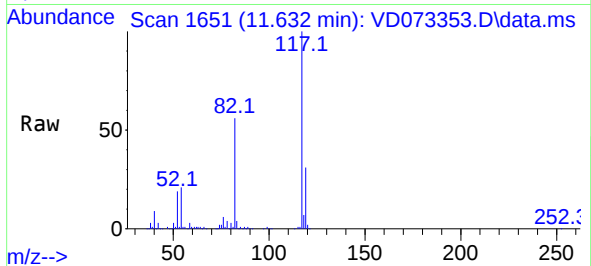




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073353.D
Acq: 25 May 2022 06:11

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0612-01

Tgt Ion:117 Resp: 539800
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 30.9 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: VD073353.D
Acq: 25 May 2022 06:11

Tgt Ion:152 Resp: 248053
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.5 0.0 348.6

