

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073359.D
 Acq On : 25 May 2022 14:31
 Operator : VA/SY
 Sample : VD0525SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBL01

Quant Time: May 26 02:24:12 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	338637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	598740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	609624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169965	45.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.840%
35) Dibromofluoromethane	7.914	113	192083	48.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.332	98	724112	49.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.620	95	270503	52.925	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.840%

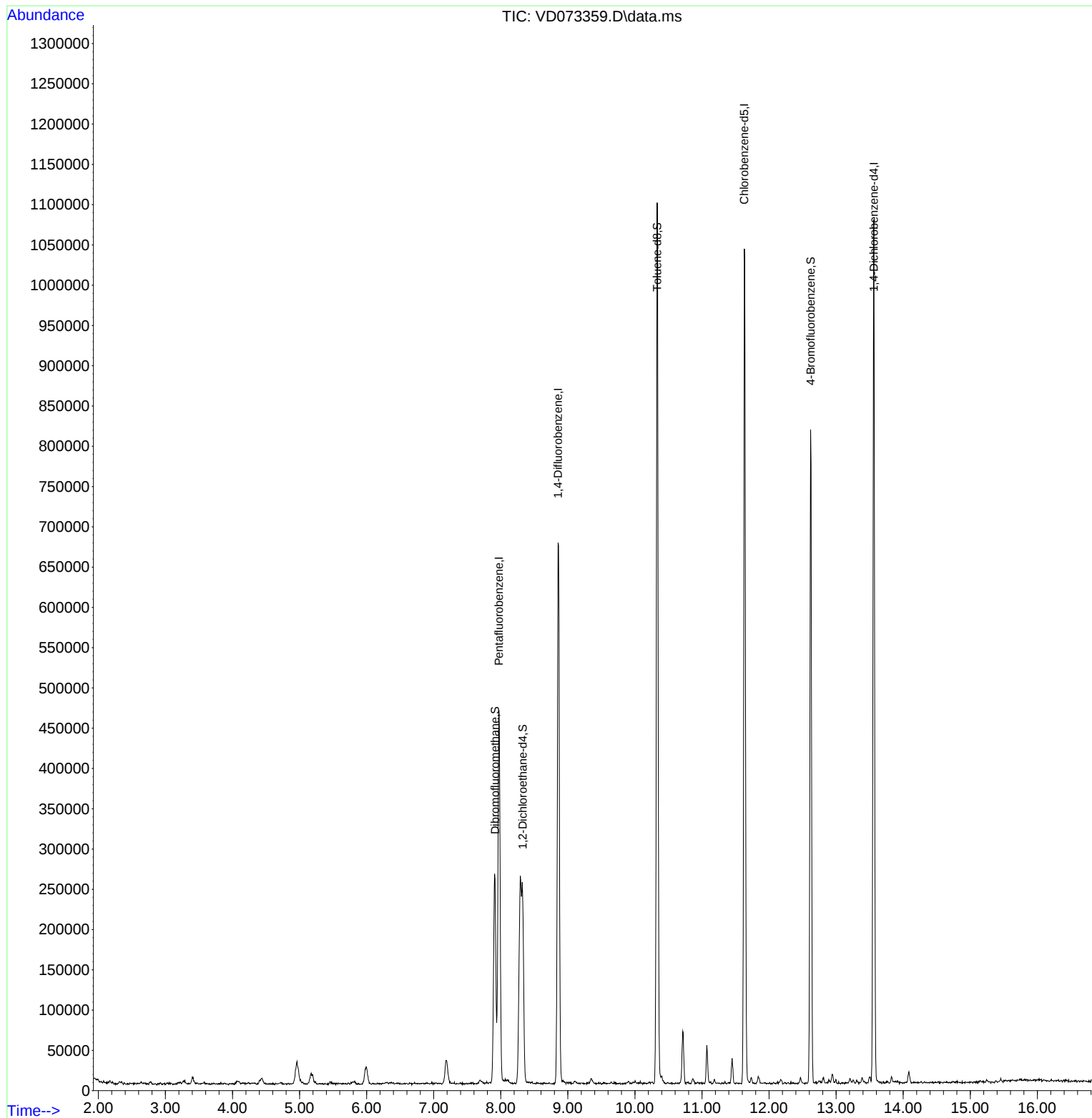
Target Compounds	Qvalue

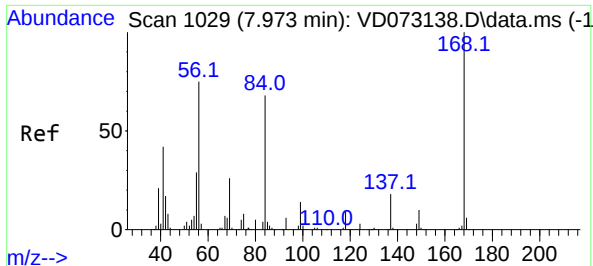
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.000 min

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ClientSampleId :

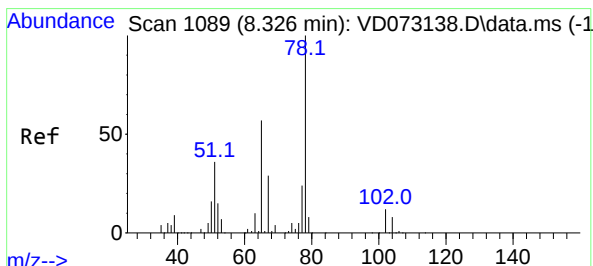
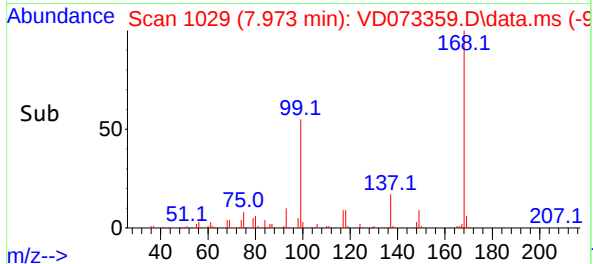
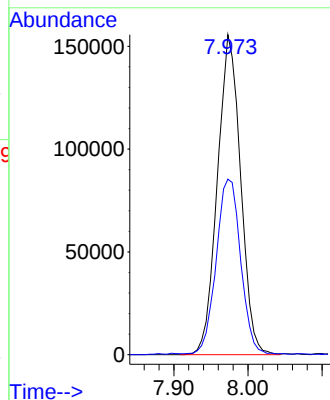
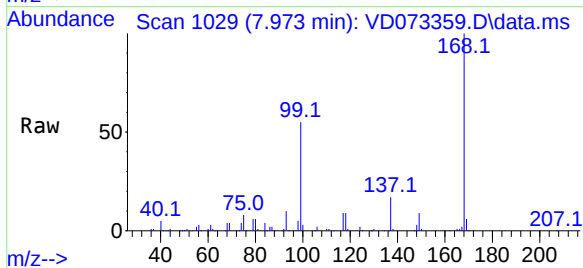
VD0525SBL01

Tgt Ion:168 Resp: 338637

Ion Ratio Lower Upper

168 100

99 54.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 45.416 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073359.D

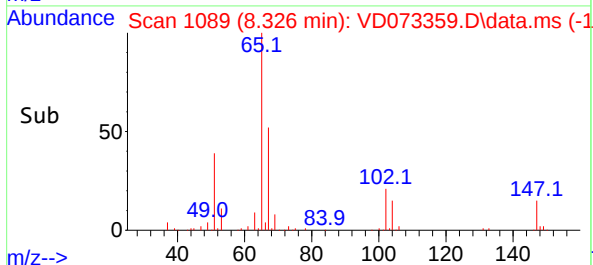
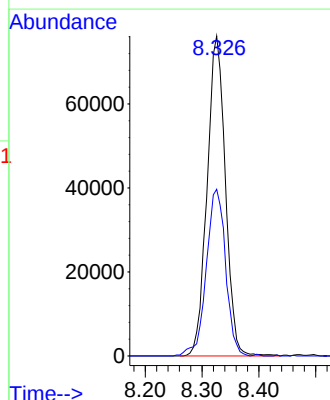
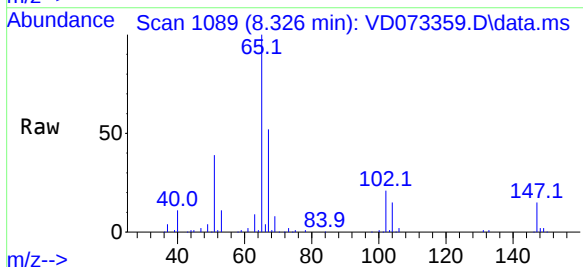
Acq: 25 May 2022 14:31

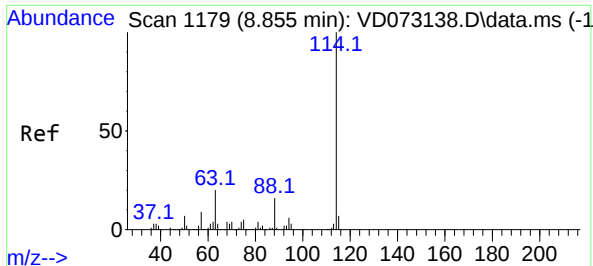
Tgt Ion: 65 Resp: 169965

Ion Ratio Lower Upper

65 100

67 54.9 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: VD073359.D

Acq: 25 May 2022 14:31

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBL01

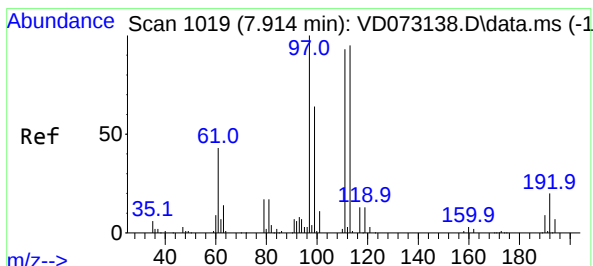
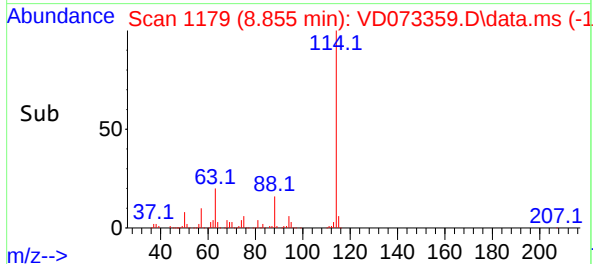
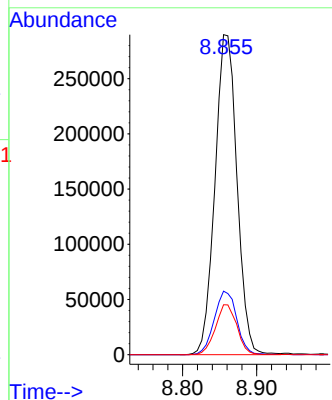
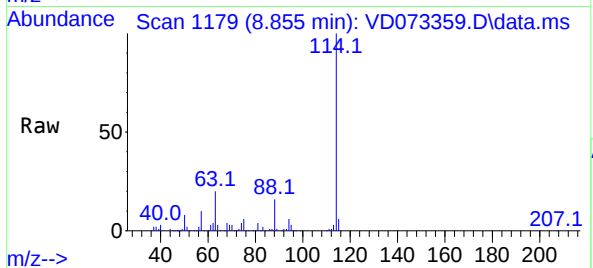
Tgt Ion:114 Resp: 598740

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.618 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073359.D

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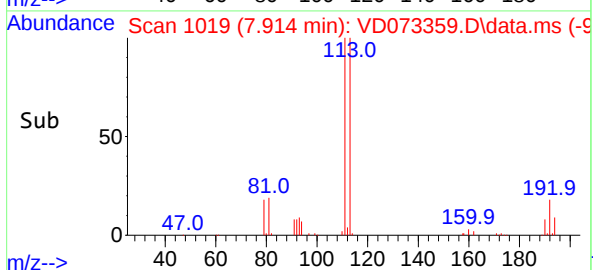
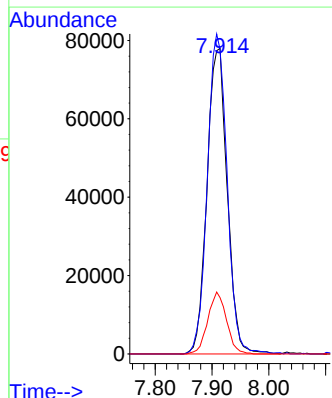
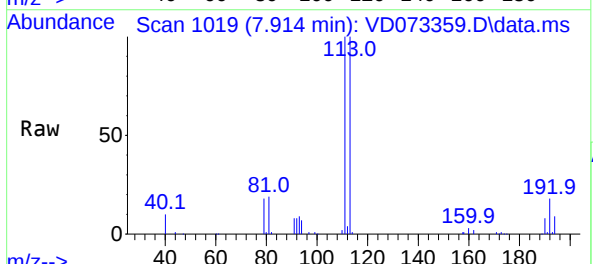
Tgt Ion:113 Resp: 192083

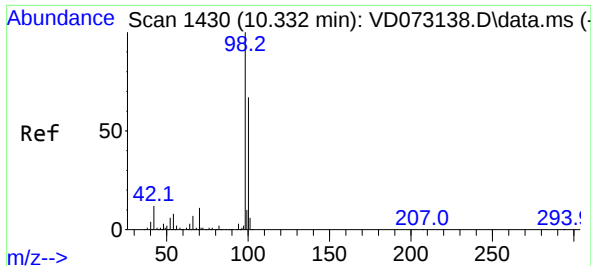
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.8 14.6 21.8

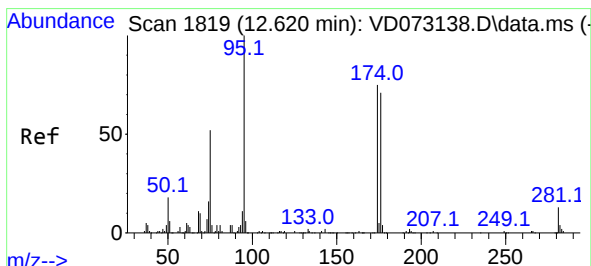
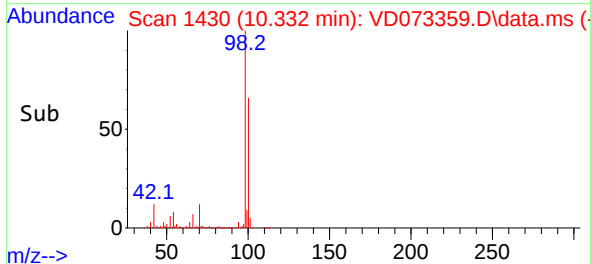
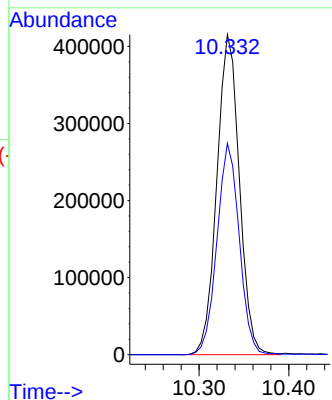
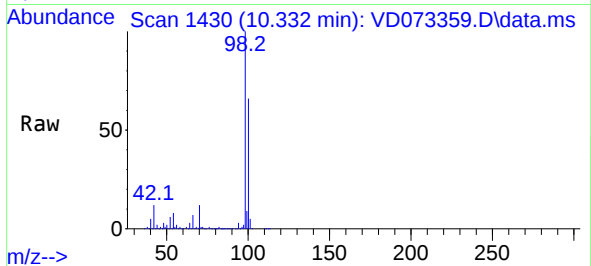




#50
Toluene-d8
Concen: 49.720 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

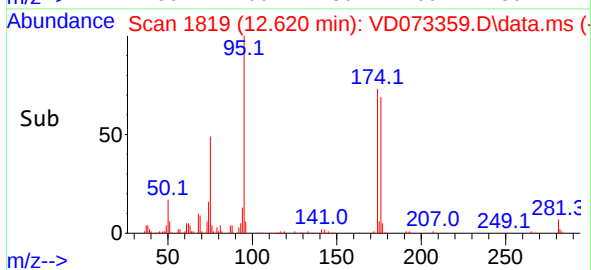
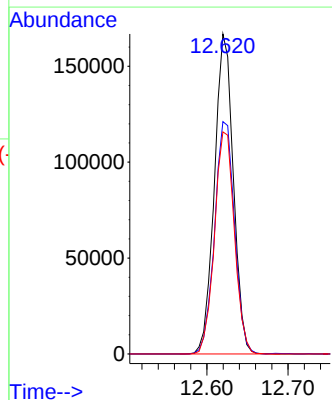
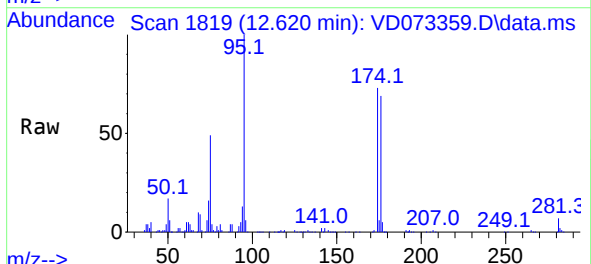
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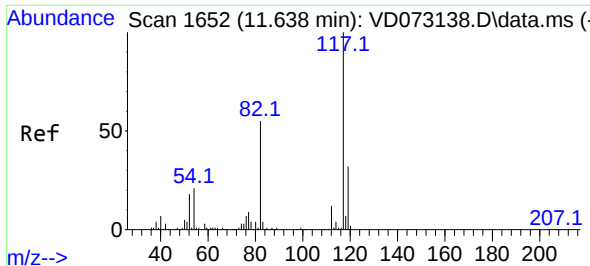
Tgt Ion: 98 Resp: 724112
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.925 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

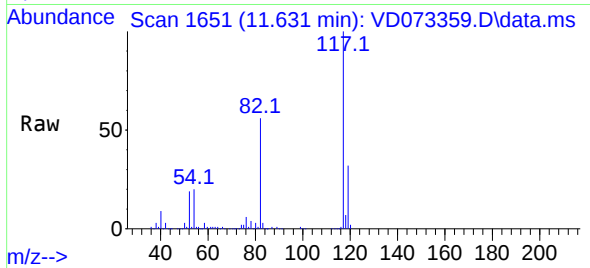
Tgt Ion: 95 Resp: 270503
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 72.9 0.0 145.4



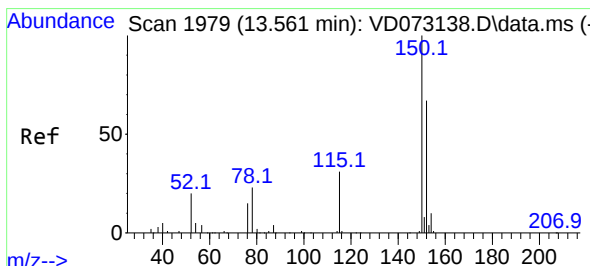
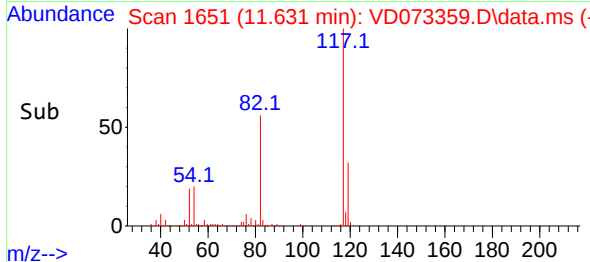
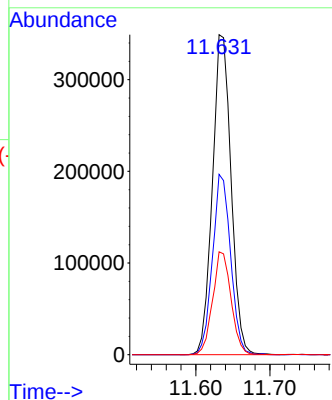


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 117
Delta R.T. -0.007 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01



Tgt Ion:117 Resp: 609624
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.2 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: VD073359.D
Acq: 25 May 2022 14:31

Tgt Ion:152 Resp: 280160
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 157.9 0.0 348.6

