

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073352.D
 Acq On : 25 May 2022 05:42
 Operator : VA/SY
 Sample : N2886-08
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0006-01

Quant Time: May 25 06:45:04 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	283106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	504287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	526576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	155330	49.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.300%
35) Dibromofluoromethane	7.909	113	167754	50.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.820%
50) Toluene-d8	10.332	98	616792	50.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.620	95	239938	55.737	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.480%

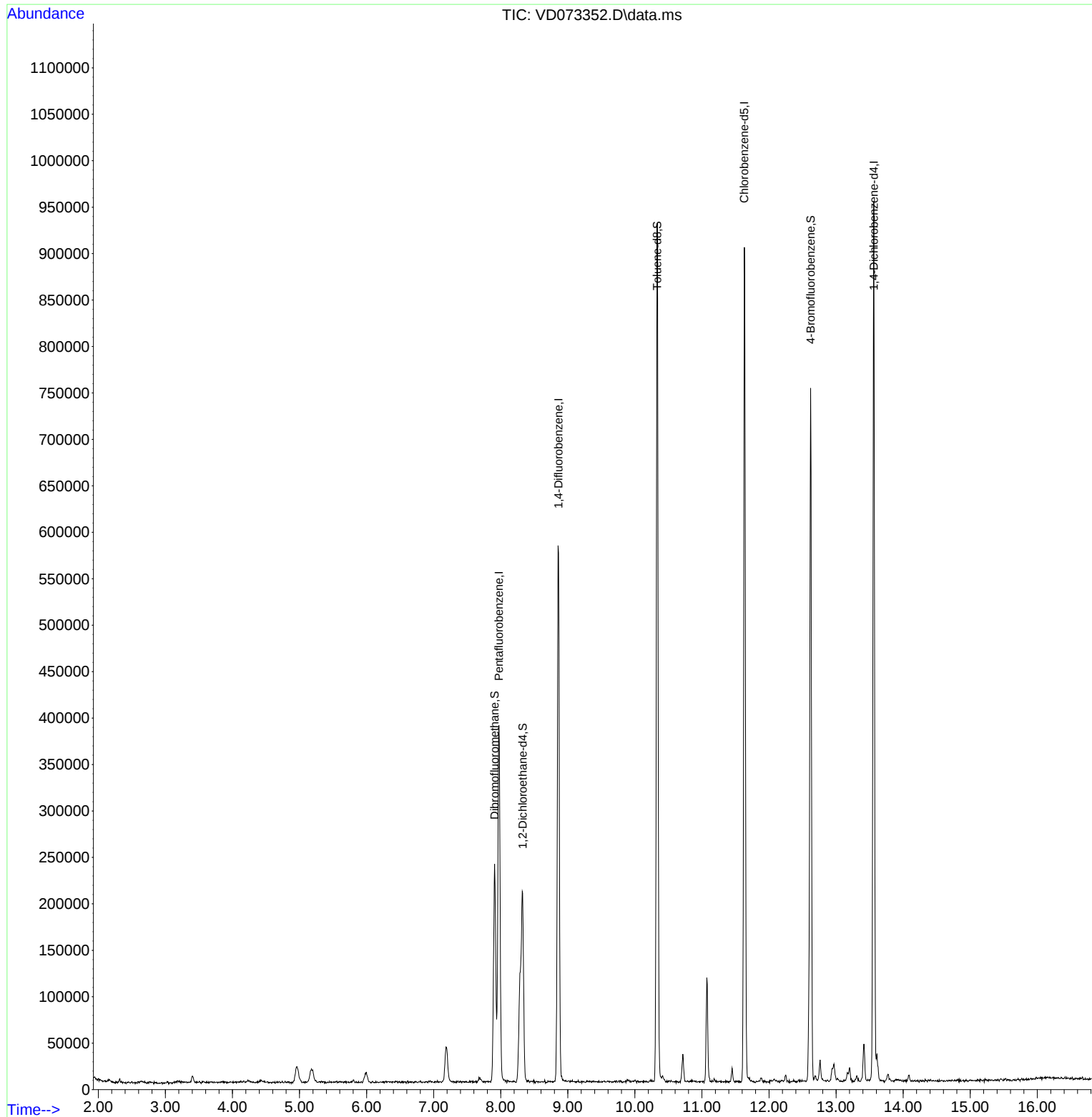
Target Compounds	Qvalue

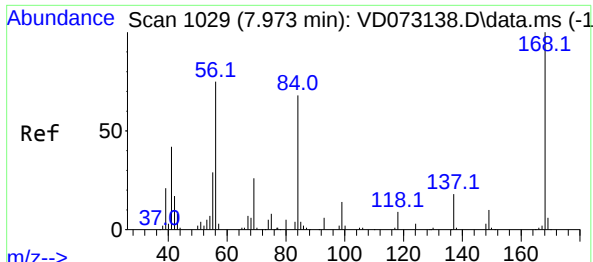
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

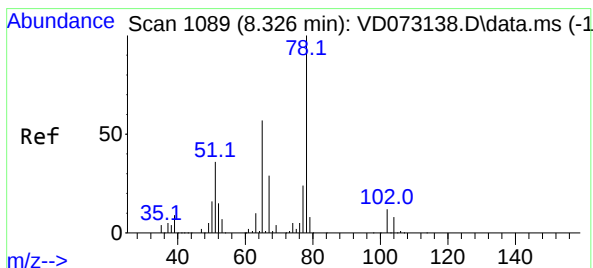
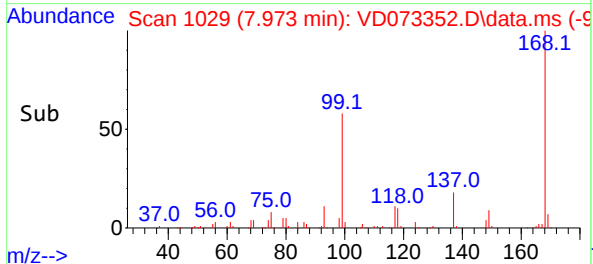
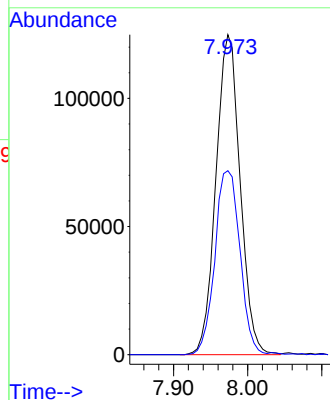
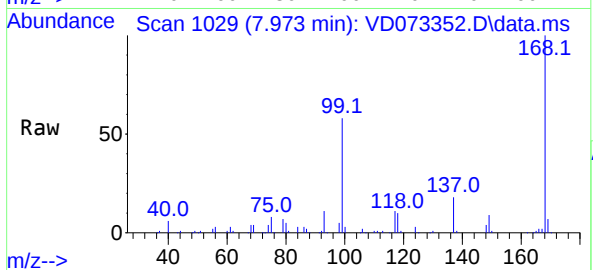
P021-SS001-0006-01

Tgt Ion:168 Resp: 283106

Ion Ratio Lower Upper

168 100

99 57.5 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 49.646 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073352.D

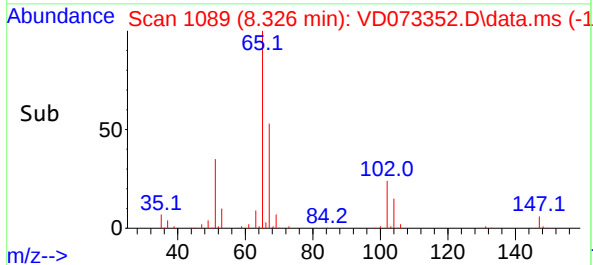
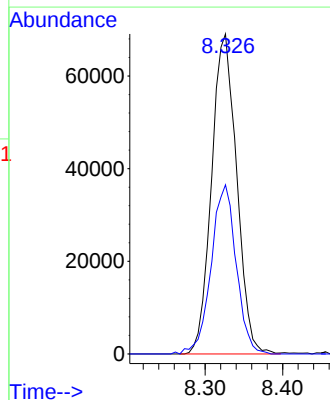
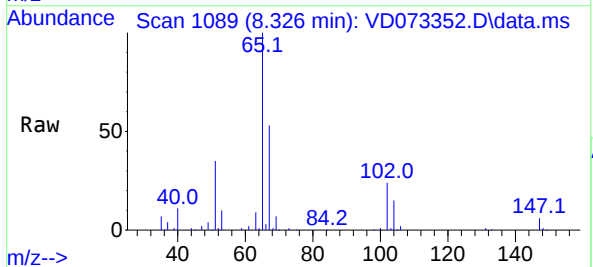
Acq: 25 May 2022 05:42

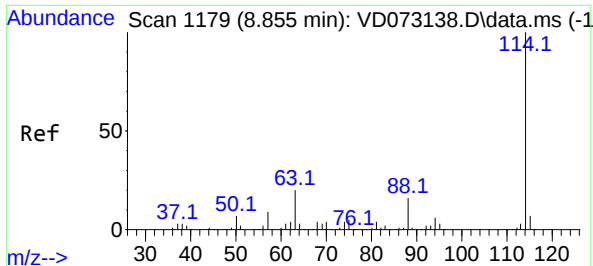
Tgt Ion: 65 Resp: 155330

Ion Ratio Lower Upper

65 100

67 52.8 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: VD073352.D

Acq: 25 May 2022 05:42

Instrument :

MSVOA_D

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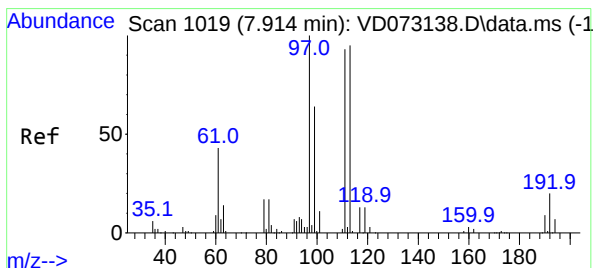
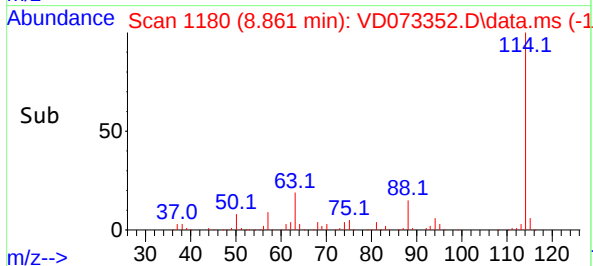
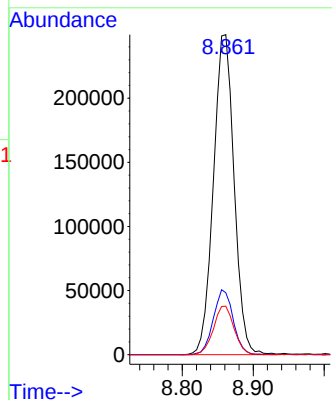
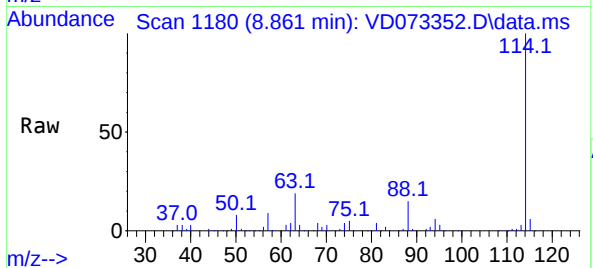
Tgt Ion:114 Resp: 504287

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.413 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073352.D

Acq: 25 May 2022 05:42

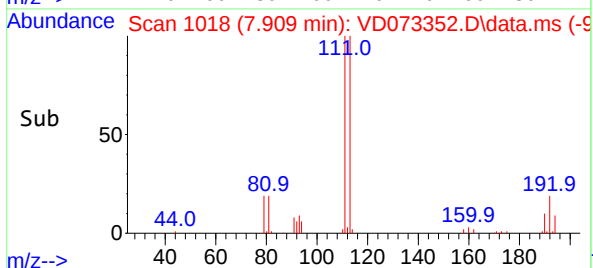
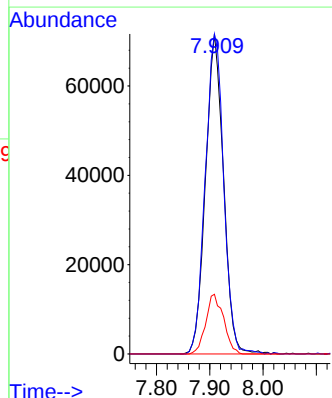
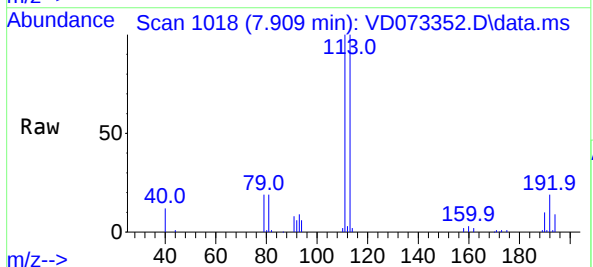
Tgt Ion:113 Resp: 167754

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.5 14.6 21.8

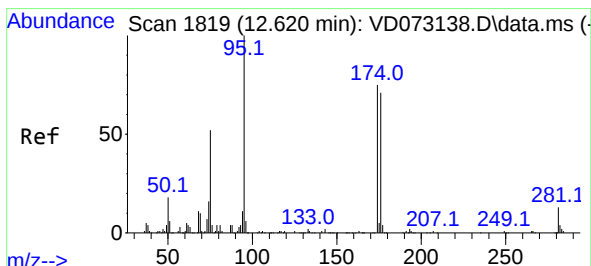
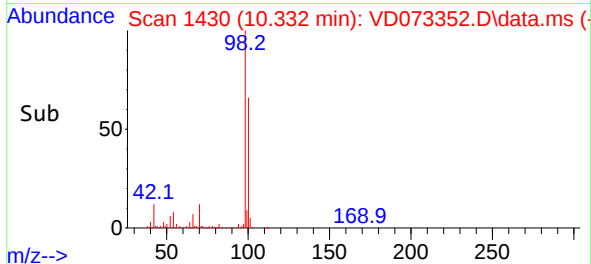
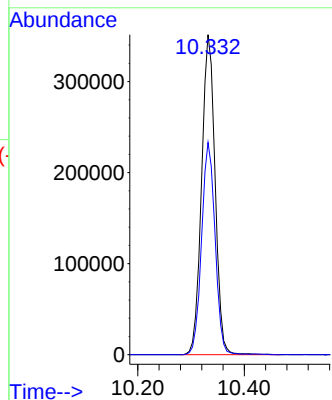
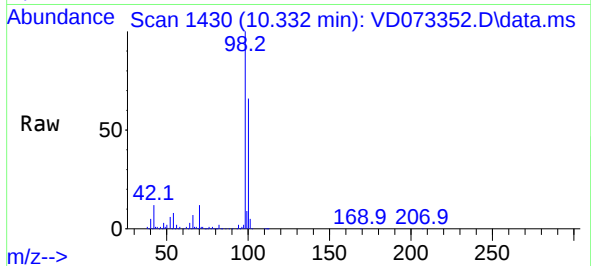




#50
Toluene-d8
Concen: 50.283 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

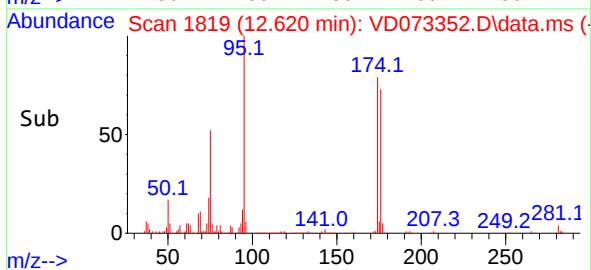
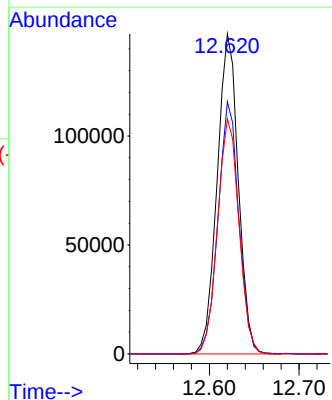
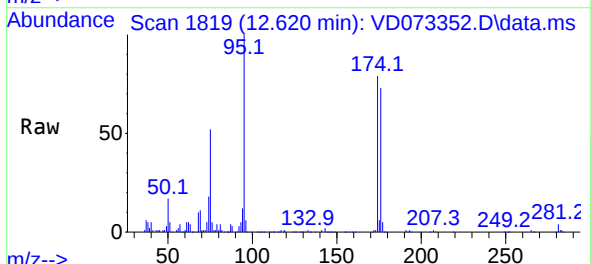
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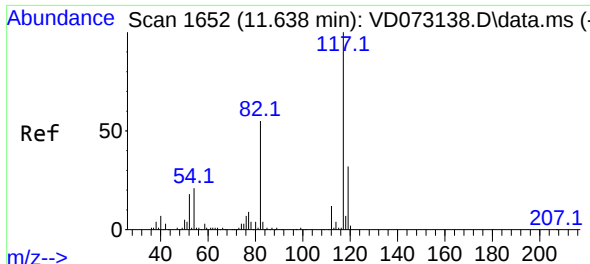
Tgt Ion: 98 Resp: 616792
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.737 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

Tgt Ion: 95 Resp: 239938
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.3 0.0 145.4

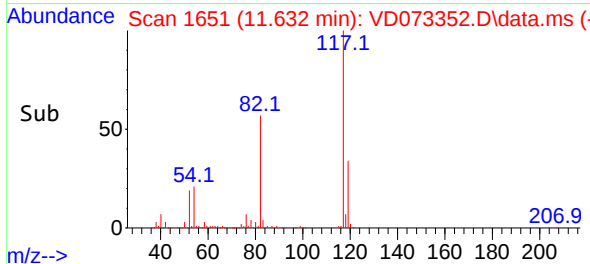
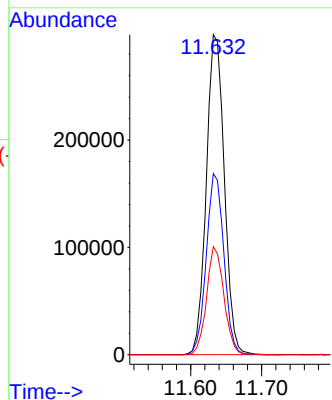
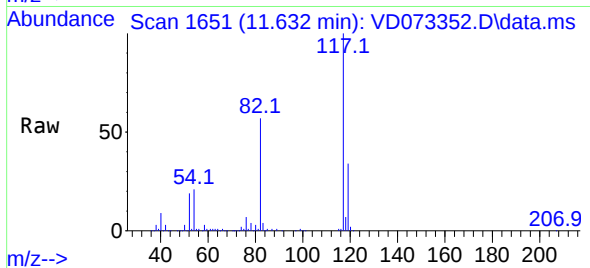




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0006-01

Tgt Ion:117 Resp: 526576
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 33.7 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: VD073352.D
Acq: 25 May 2022 05:42

Tgt Ion:152 Resp: 247750
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 157.0 0.0 348.6

