

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072457.D
 Acq On : 28 Mar 2022 21:12
 Operator : VA/SY
 Sample : N2109-01RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: Mar 29 01:32:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	34887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	58189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	73345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	25213	64.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.700%
35) Dibromofluoromethane	7.908	113	20817	50.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.332	98	75110	50.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.626	95	35032	60.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.440%

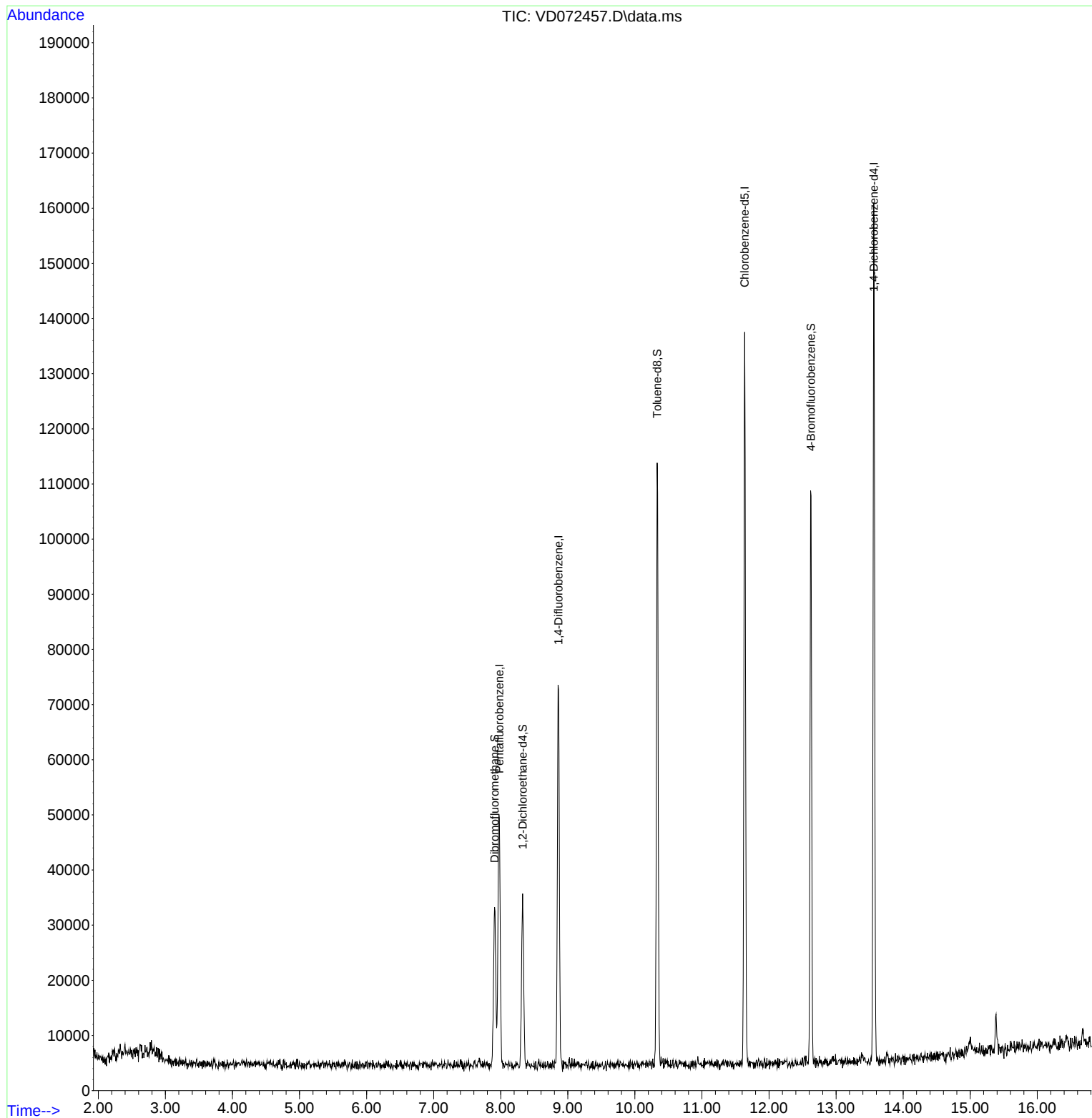
Target Compounds	Qvalue

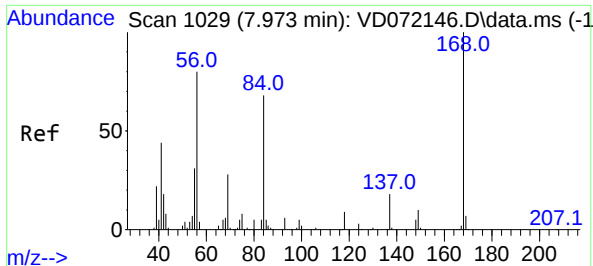
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072457.D

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Instrument :

MSVOA_D

ClientSampleId :

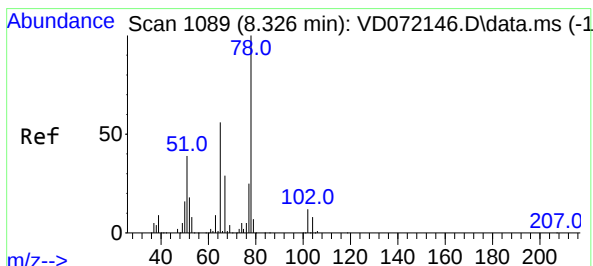
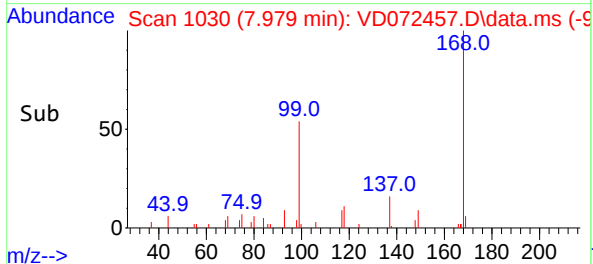
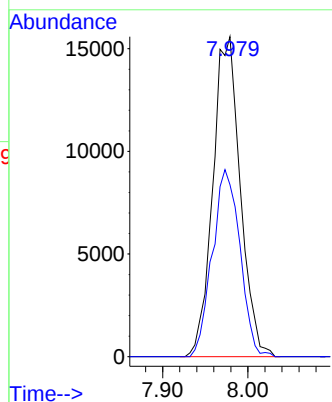
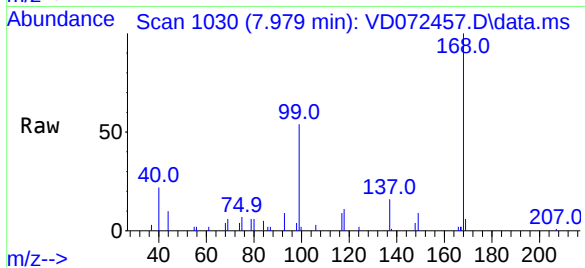
TP-1RE

Tgt Ion:168 Resp: 34887

Ion Ratio Lower Upper

168 100

99 53.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 64.849 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072457.D

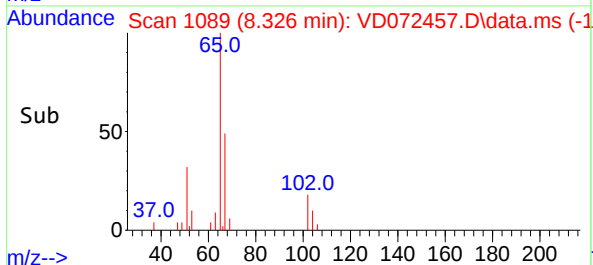
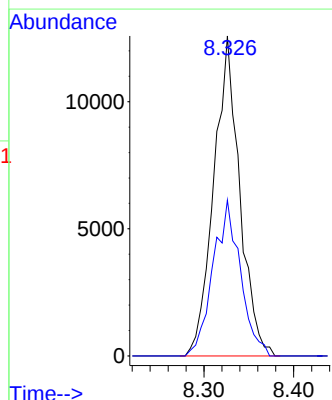
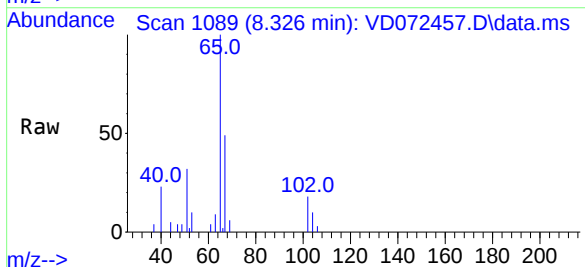
Acq: 28 Mar 2022 21:12

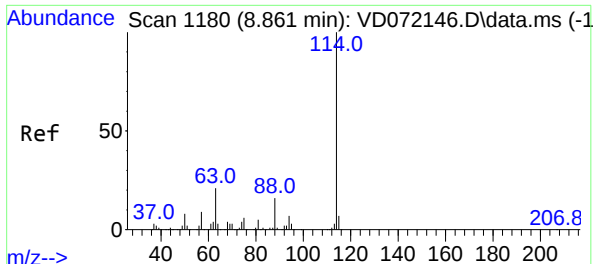
Tgt Ion: 65 Resp: 25213

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072457.D

Acq: 28 Mar 2022 21:12

Instrument :

MSVOA_D

ClientSampleId :

TP-1RE

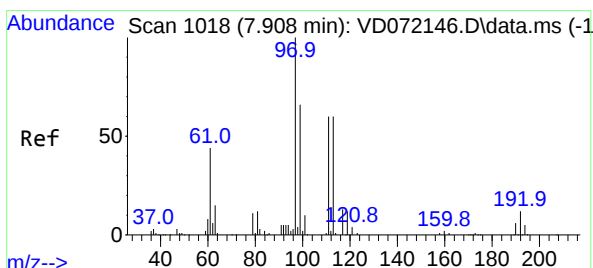
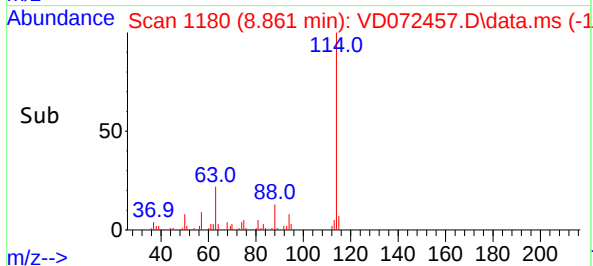
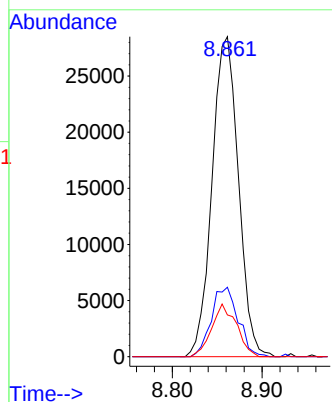
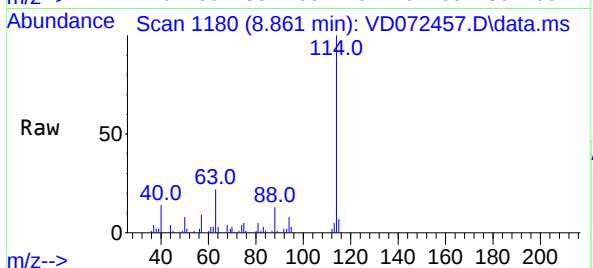
Tgt Ion:114 Resp: 58189

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 13.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.838 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072457.D

Acq: 28 Mar 2022 21:12

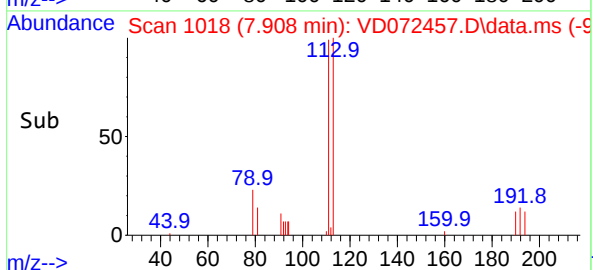
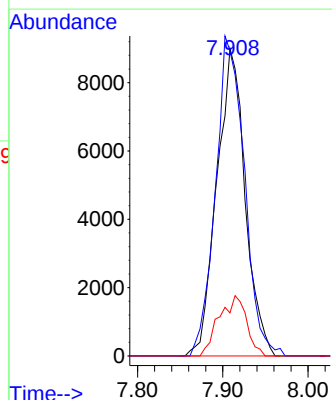
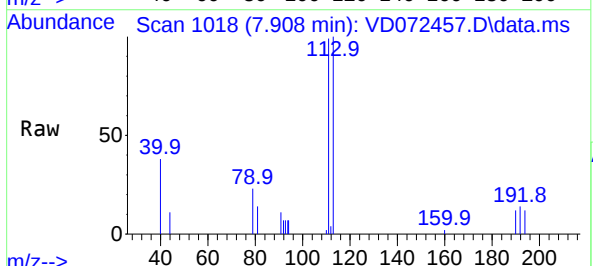
Tgt Ion:113 Resp: 20817

Ion Ratio Lower Upper

113 100

111 105.9 83.8 125.6

192 19.0 14.6 21.8

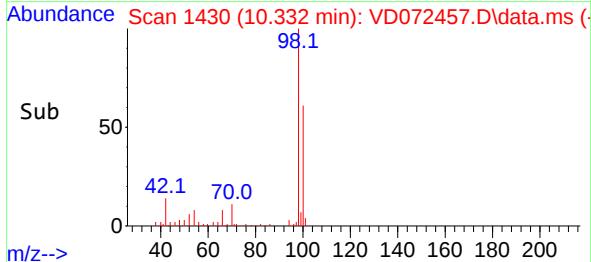
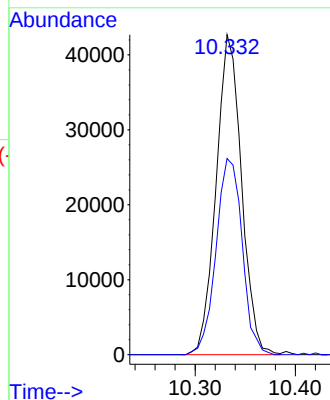
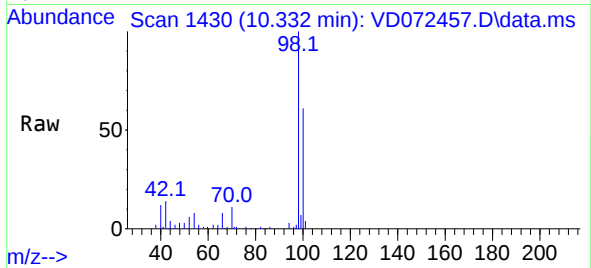




#50
Toluene-d8
Concen: 50.165 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072457.D
Acq: 28 Mar 2022 21:12

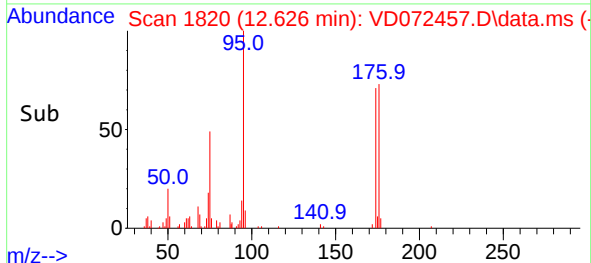
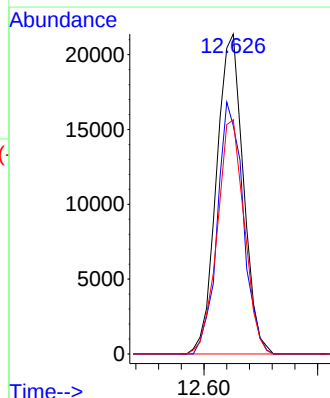
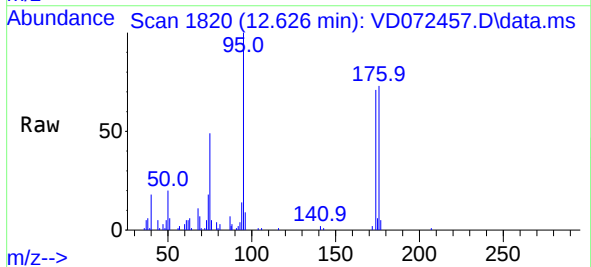
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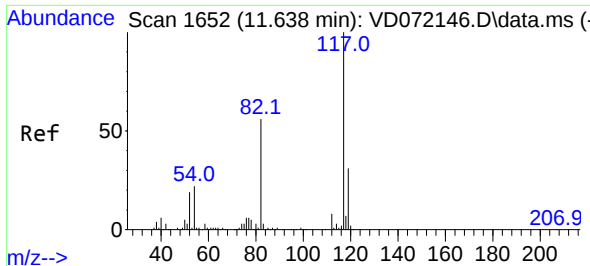
Tgt Ion: 98 Resp: 75110
Ion Ratio Lower Upper
98 100
100 63.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 60.216 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072457.D
Acq: 28 Mar 2022 21:12

Tgt Ion: 95 Resp: 35032
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 73.7 0.0 145.4

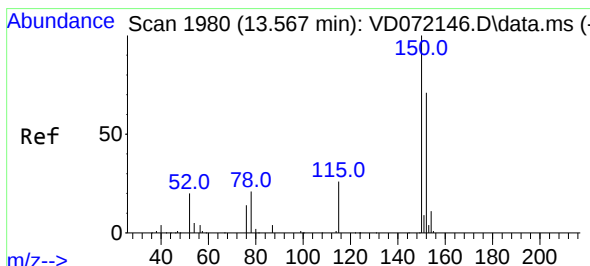
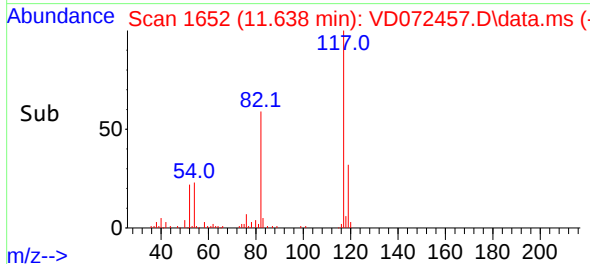
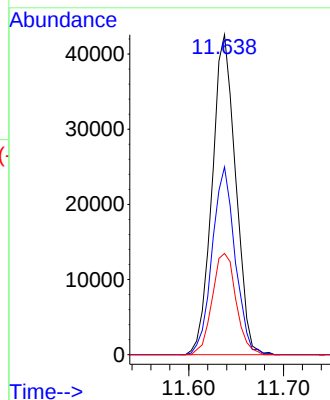
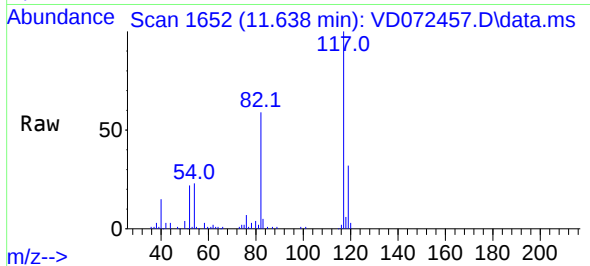




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072457.D
Acq: 28 Mar 2022 21:12

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tgt Ion:117 Resp: 73345
Ion Ratio Lower Upper
117 100
82 58.7 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. -0.006 min
Lab File: VD072457.D
Acq: 28 Mar 2022 21:12

Tgt Ion:152 Resp: 39267
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 152.8 0.0 348.6

