

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073441.D
 Acq On : 01 Jun 2022 11:57
 Operator : VA/SY
 Sample : VD0601SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0601SBL01

Quant Time: Jun 02 04:06:27 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	309338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	558472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	590284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	161588	47.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.540%
35) Dibromofluoromethane	7.903	113	184246	49.997	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.000%
50) Toluene-d8	10.332	98	680941	50.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.620	95	268230	56.264	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.520%

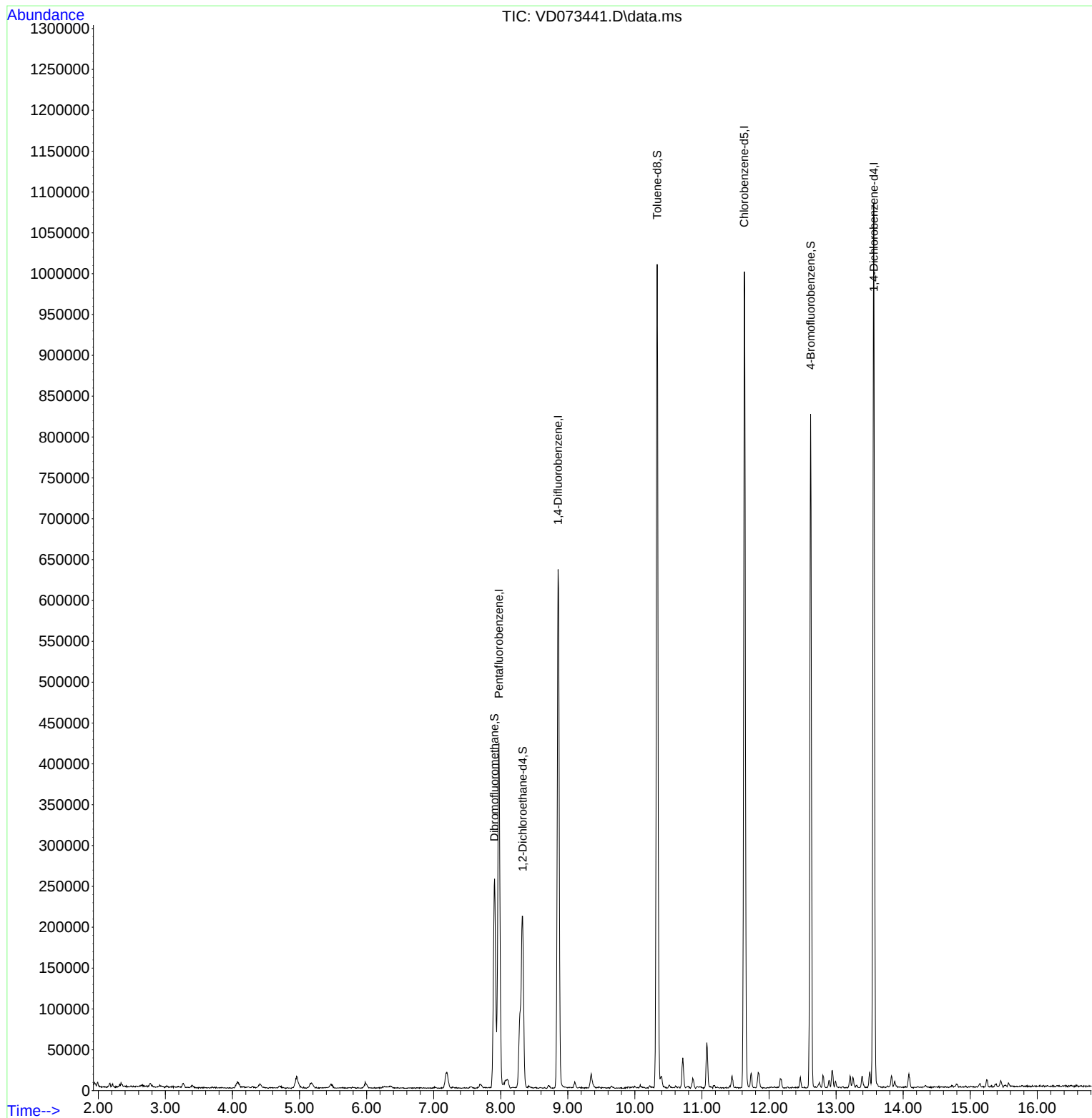
Target Compounds	Qvalue

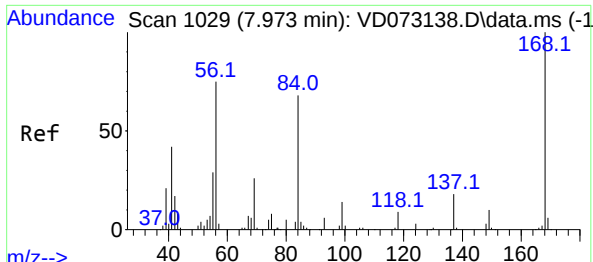
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_D

ClientSampleId :

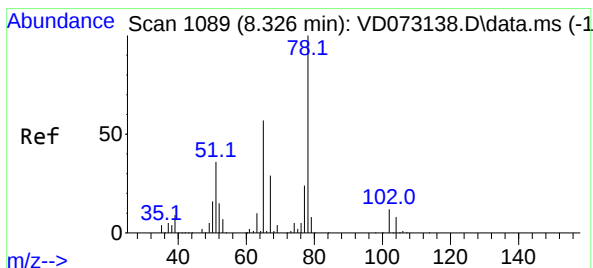
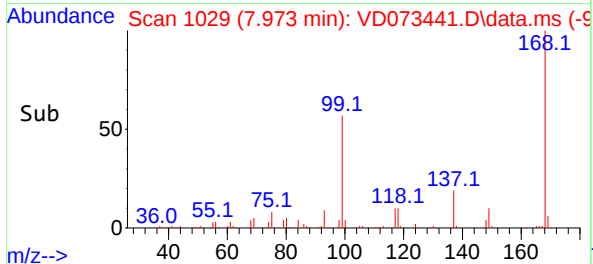
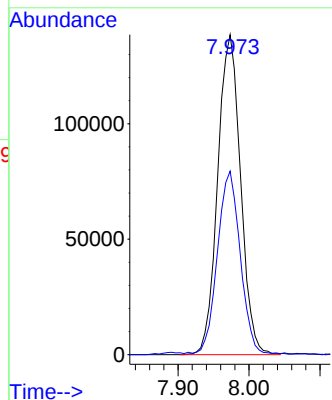
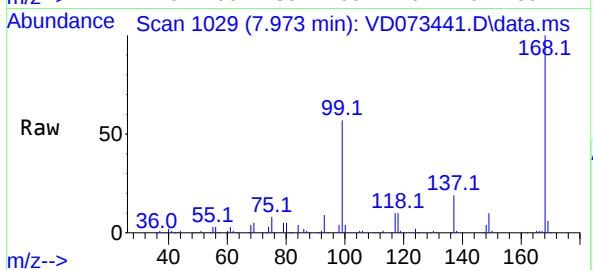
VD0601SBL01

Tgt Ion:168 Resp: 309338

Ion Ratio Lower Upper

168 100

99 57.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 47.267 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073441.D

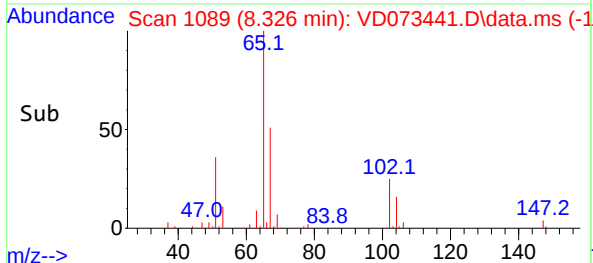
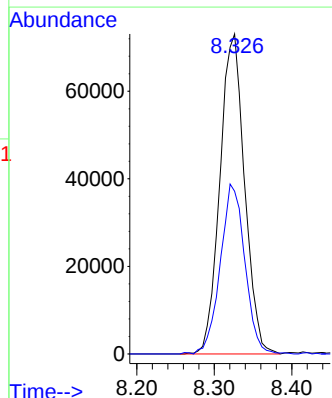
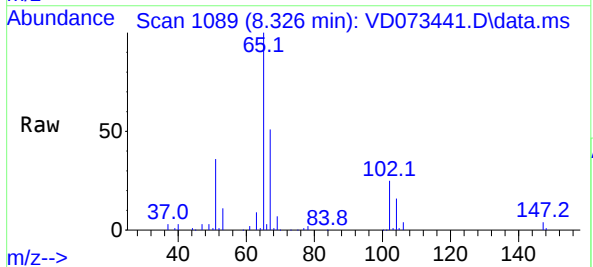
Acq: 01 Jun 2022 11:57

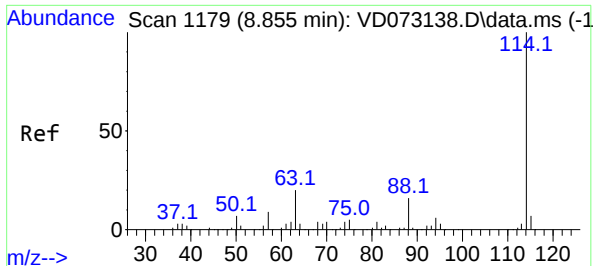
Tgt Ion: 65 Resp: 161588

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4

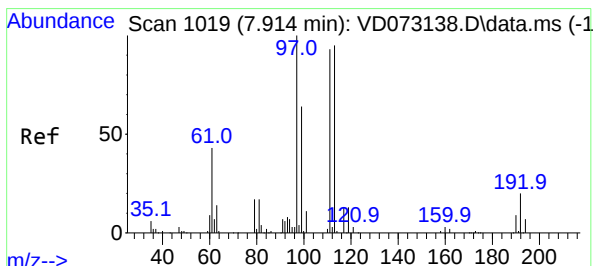
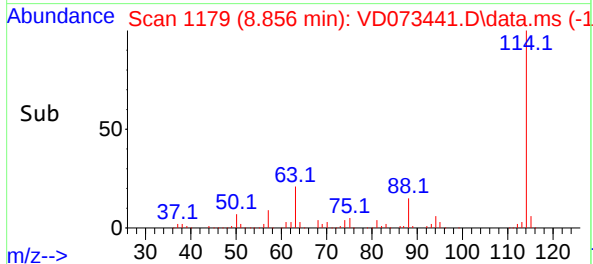
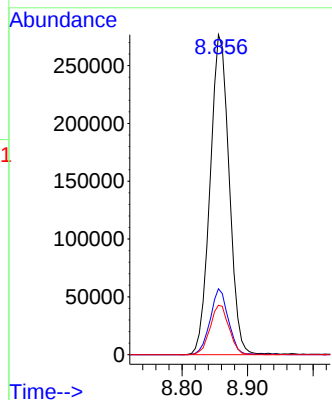
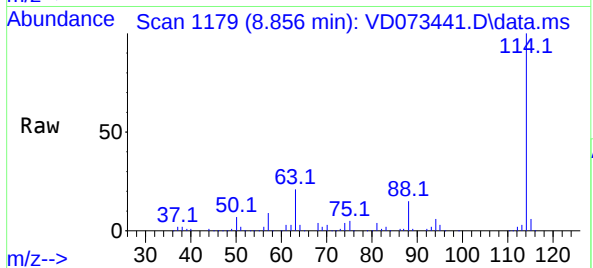




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

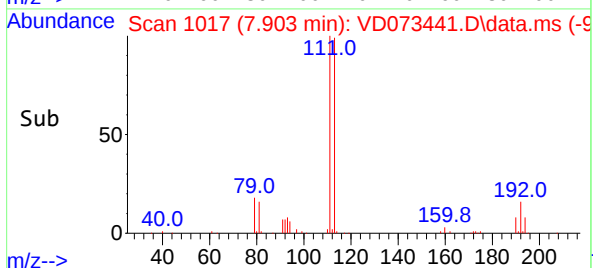
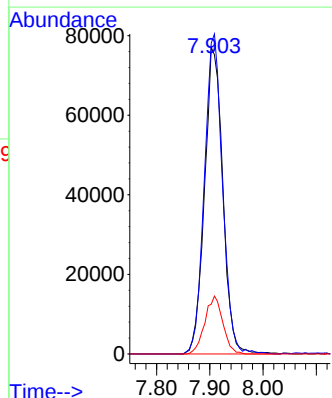
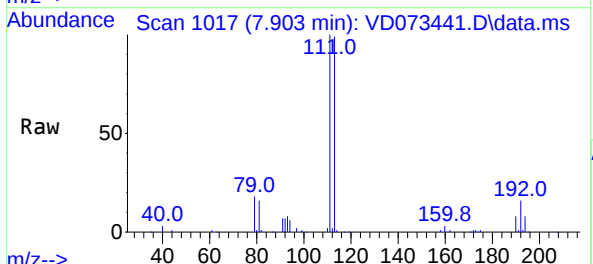
Instrument :
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ClientSampleId :
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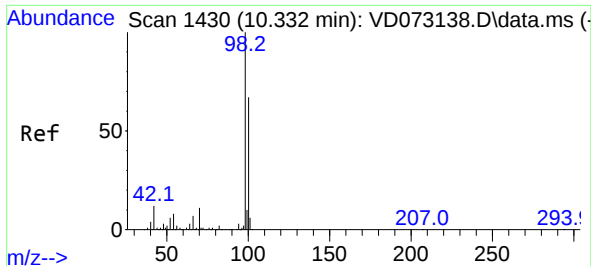
Tgt Ion:114 Resp: 558472
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.6
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.997 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Tgt Ion:113 Resp: 184246
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.5 14.6 21.8

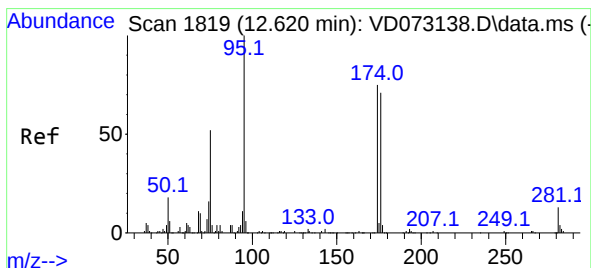
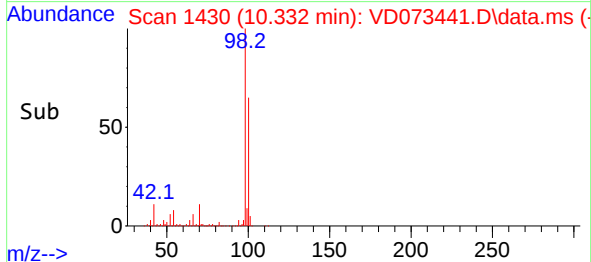
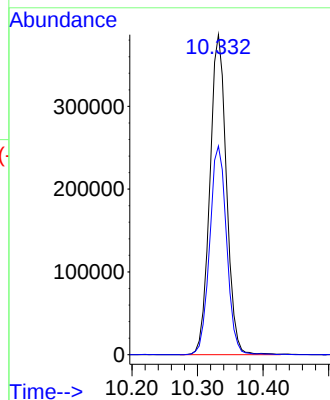
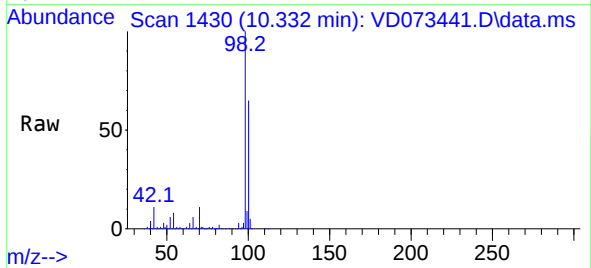




#50
Toluene-d8
Concen: 50.127 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

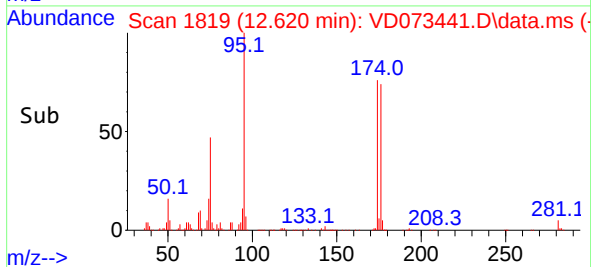
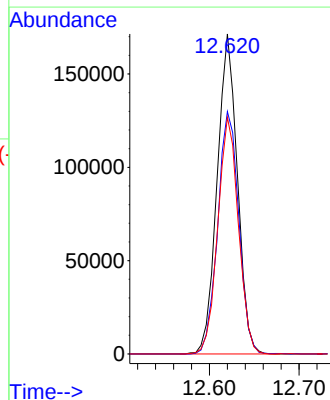
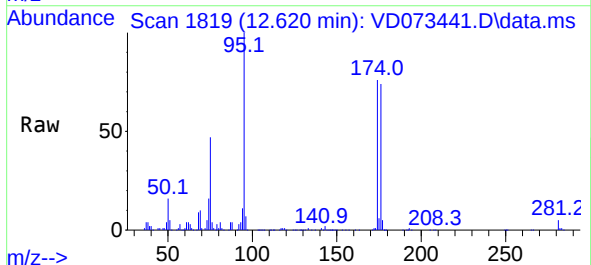
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

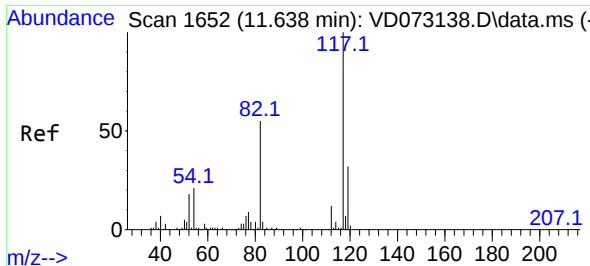
Tgt Ion: 98 Resp: 680941
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.264 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Tgt Ion: 95 Resp: 268230
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 75.3 0.0 145.4

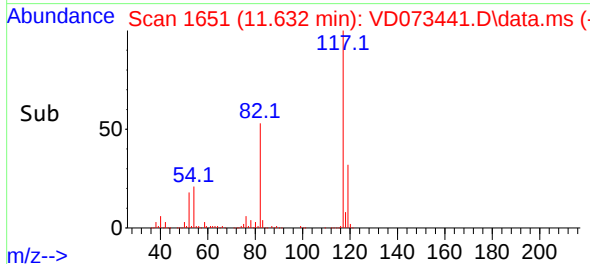
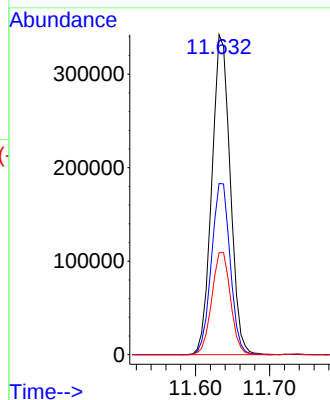
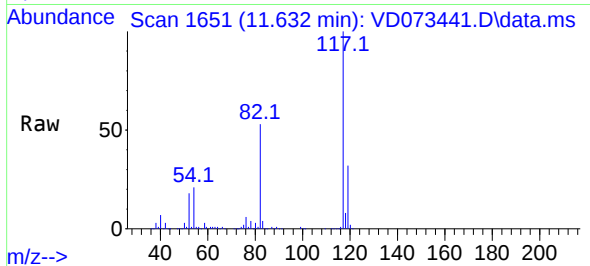




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

Tgt Ion:117 Resp: 590284
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 31.9 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: VD073441.D
Acq: 01 Jun 2022 11:57

Tgt Ion:152 Resp: 284963
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 155.2 0.0 348.6

