

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073251.D
 Acq On : 22 May 2022 03:09
 Operator : VA/SY
 Sample : VD0521SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBL02

Quant Time: May 22 04:21:18 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	305844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	535938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	561710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	169223	50.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.140%
35) Dibromofluoromethane	7.908	113	178855	50.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.140%
50) Toluene-d8	10.332	98	664172	50.948	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.620	95	244017	53.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.680%

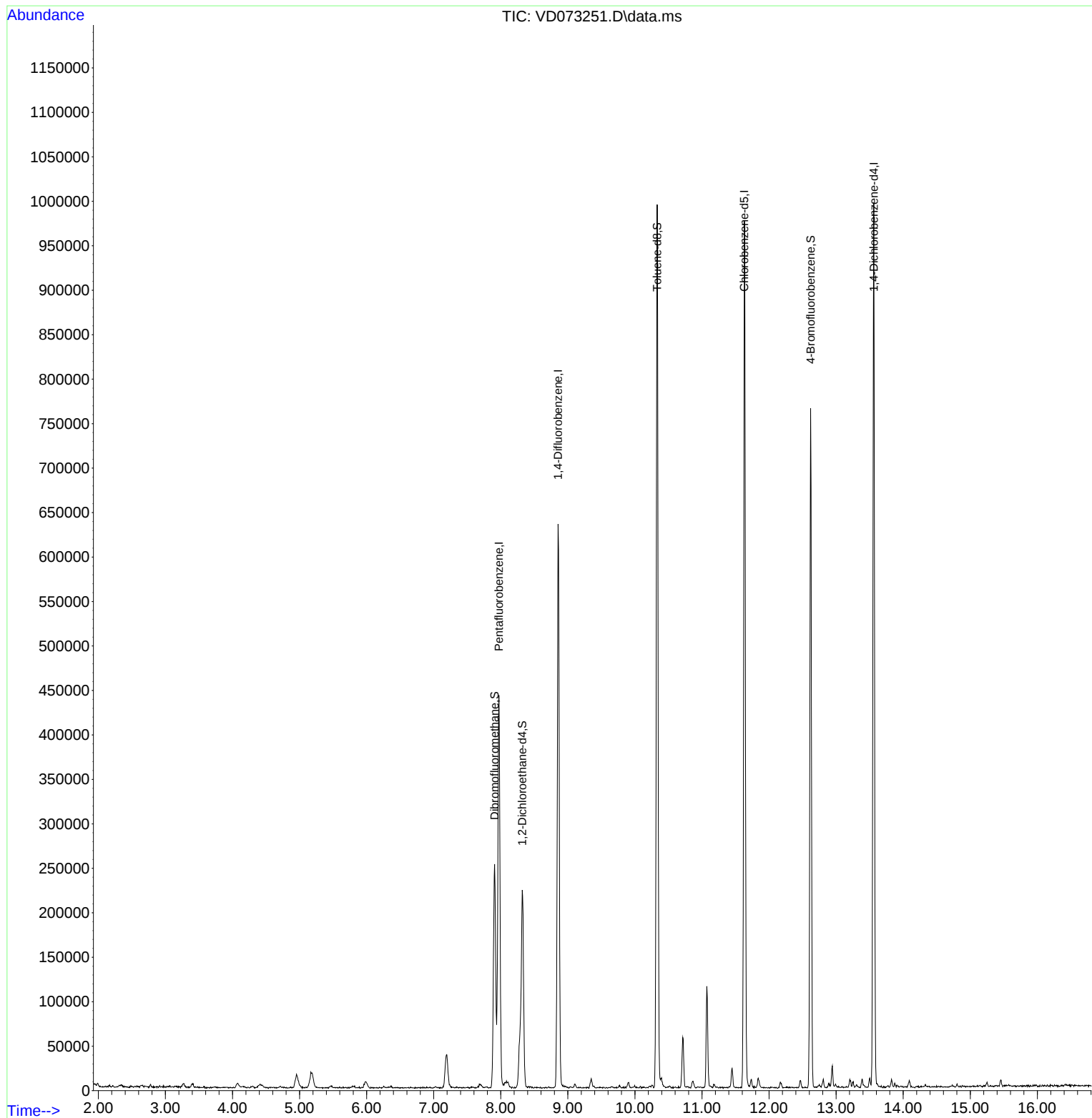
Target Compounds	Qvalue

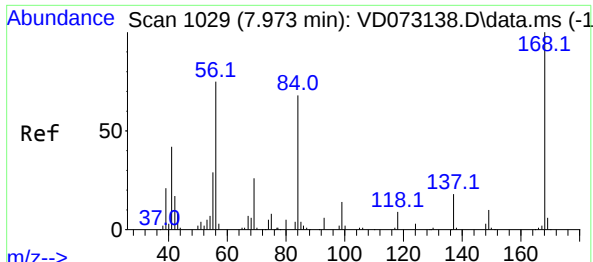
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
Data File : VD073251.D
Acq On : 22 May 2022 03:09
Operator : VA/SY
Sample : VD0521SBL02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL02

Quant Time: May 22 04:21:18 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





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073251.D

Acq: 22 May 2022 03:09

Instrument :

MSVOA_D

ClientSampleId :

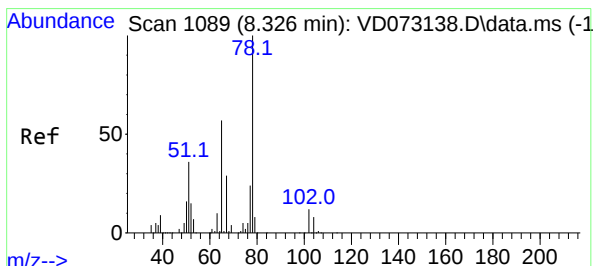
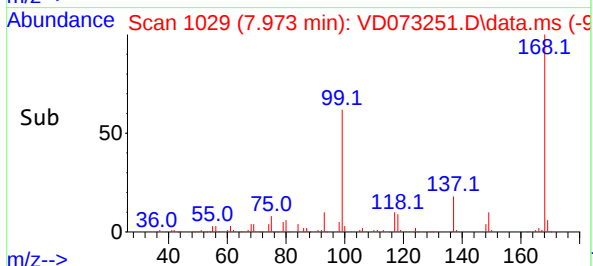
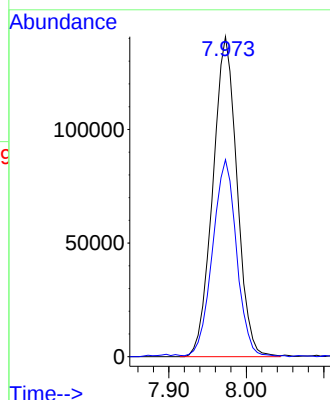
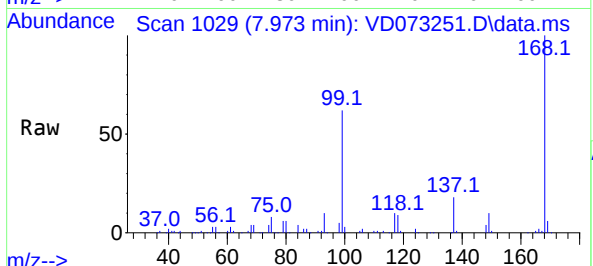
VD0521SBL02

Tgt Ion:168 Resp: 305844

Ion Ratio Lower Upper

168 100

99 61.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 50.066 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073251.D

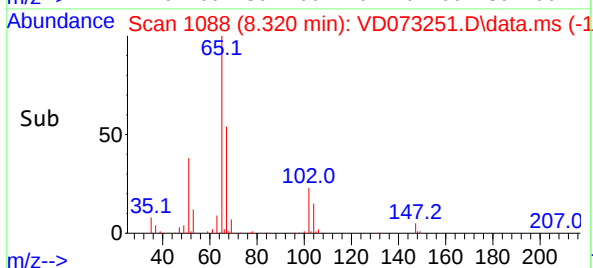
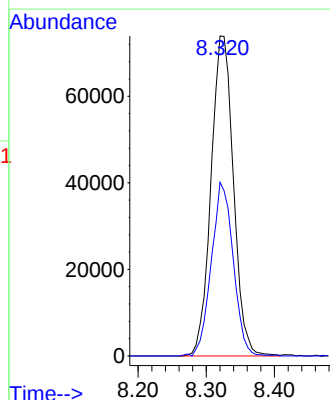
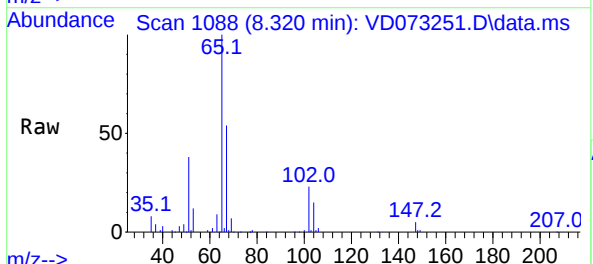
Acq: 22 May 2022 03:09

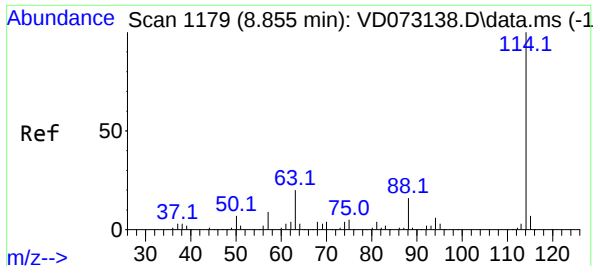
Tgt Ion: 65 Resp: 169223

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4

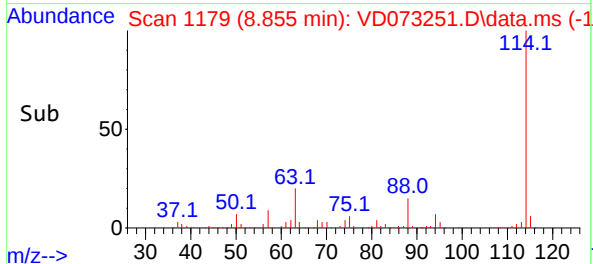
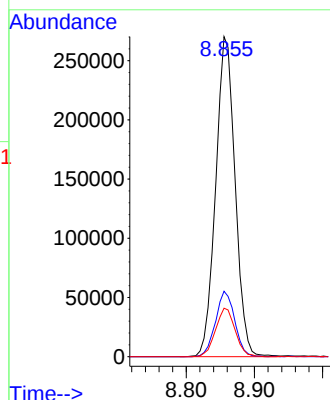
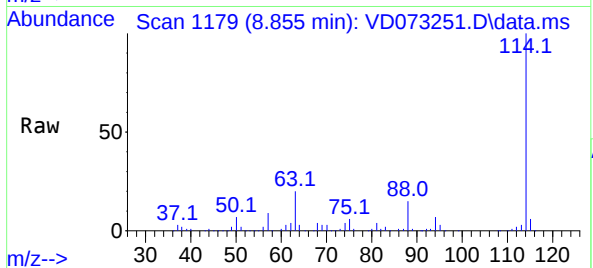




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

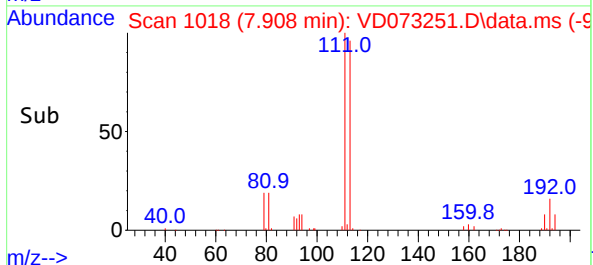
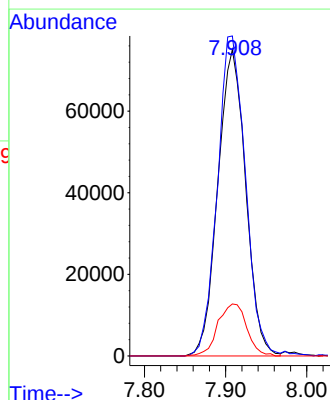
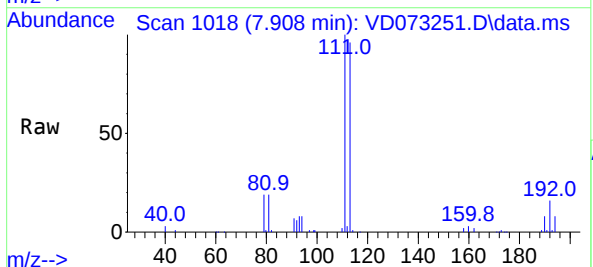
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL02

Tgt Ion:114 Resp: 535938
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 15.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.574 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Tgt Ion:113 Resp: 178855
Ion Ratio Lower Upper
113 100
111 105.4 83.8 125.6
192 17.6 14.6 21.8

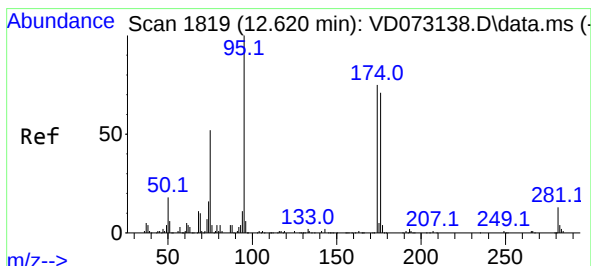
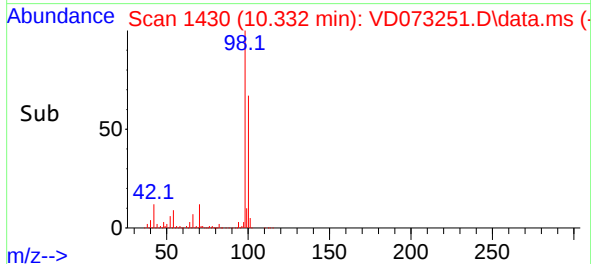
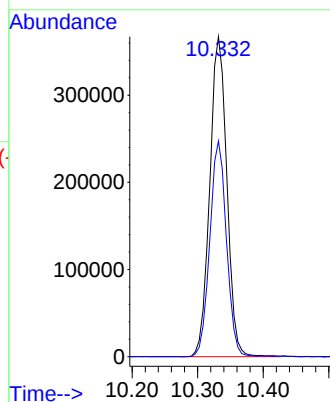
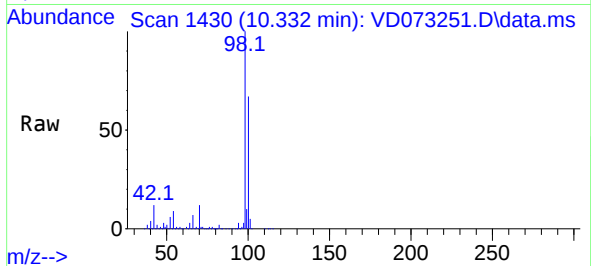




#50
Toluene-d8
Concen: 50.948 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

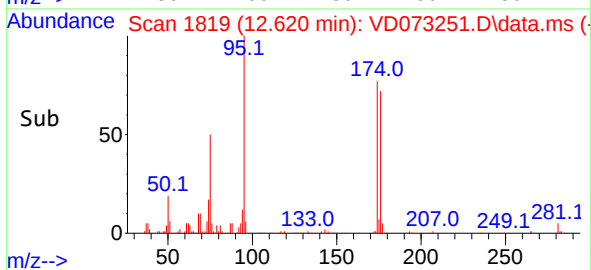
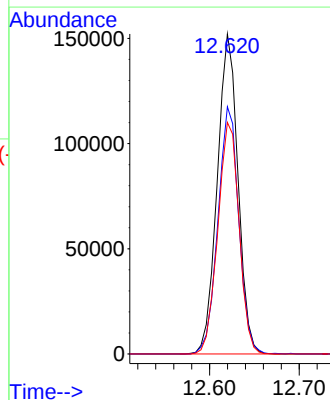
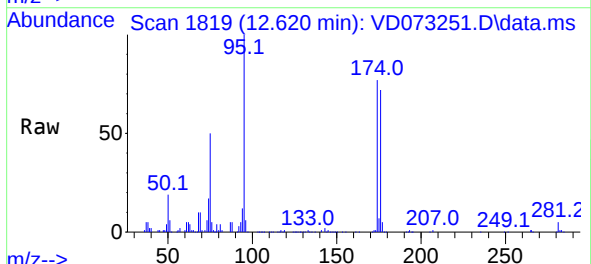
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL02

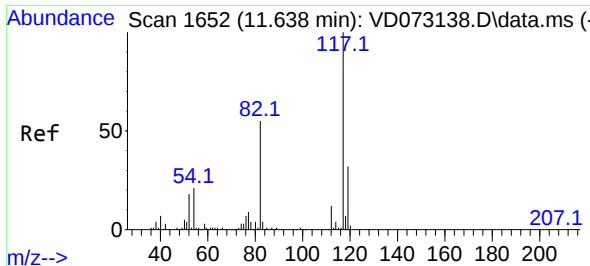
Tgt Ion: 98 Resp: 664172
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.337 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Tgt Ion: 95 Resp: 244017
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 73.9 0.0 145.4

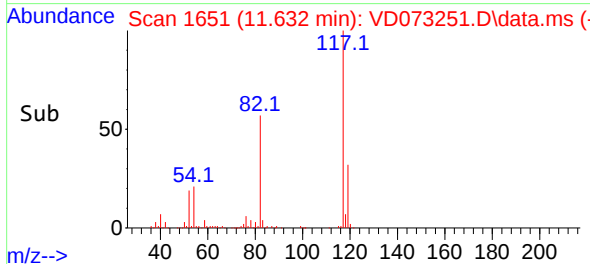
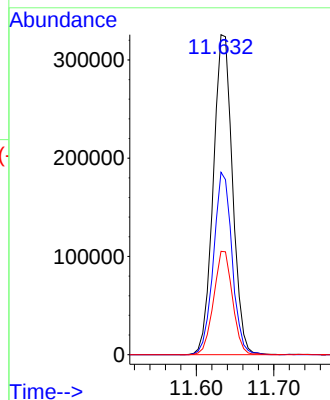
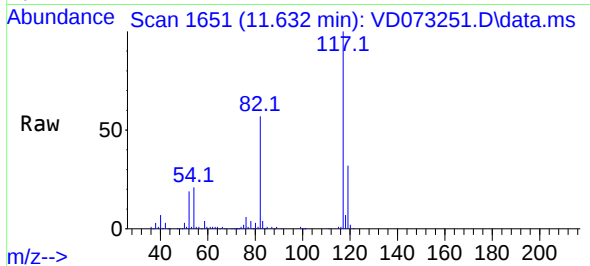




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL02

Tgt Ion:117 Resp: 561710
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.3 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: VD073251.D
Acq: 22 May 2022 03:09

Tgt Ion:152 Resp: 260492
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 154.7 0.0 348.6

