

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073384.D
 Acq On : 26 May 2022 13:15
 Operator : VA/SY
 Sample : N2842-23RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P025-SS001-0612-01RE

Quant Time: May 27 01:30:54 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	55477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	90925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	106426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	45959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	45293	73.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.760%
35) Dibromofluoromethane	7.909	113	39074	65.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.260%
50) Toluene-d8	10.332	98	116467	52.660	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.320%
62) 4-Bromofluorobenzene	12.620	95	46048	59.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.660%

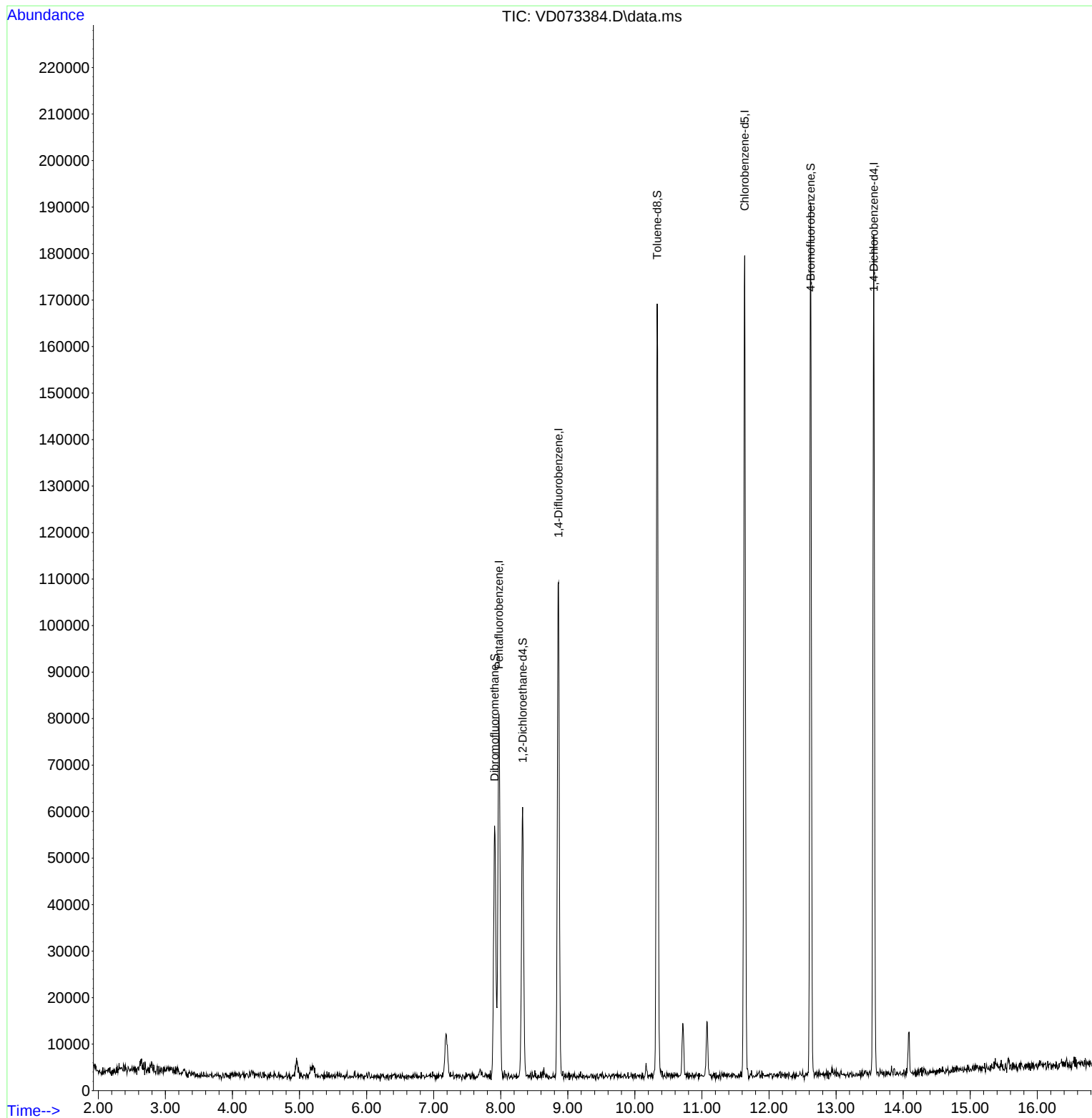
Target Compounds	Qvalue

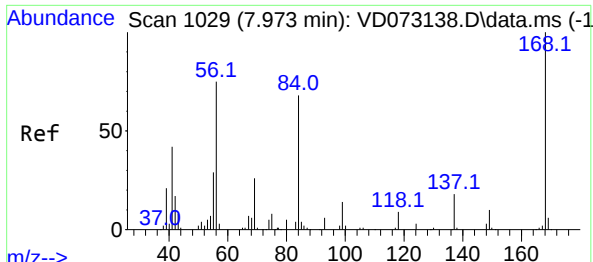
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073384.D

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Instrument :

MSVOA_D

ClientSampleId :

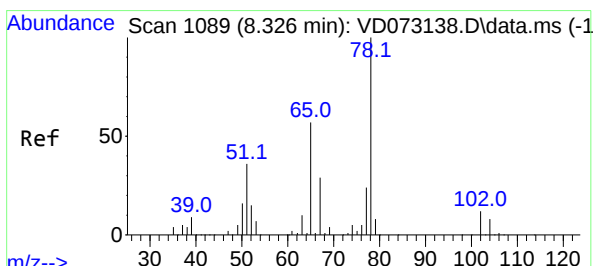
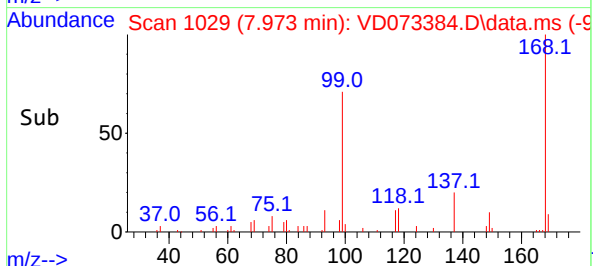
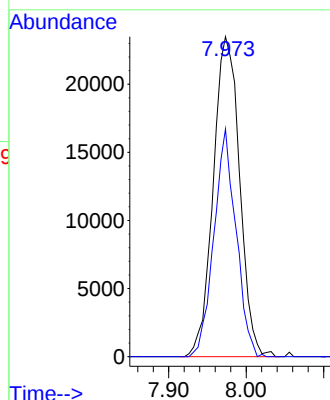
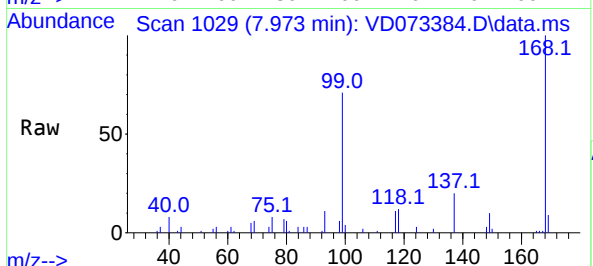
P025-SS001-0612-01RE

Tgt Ion:168 Resp: 55477

Ion Ratio Lower Upper

168 100

99 71.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 73.875 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073384.D

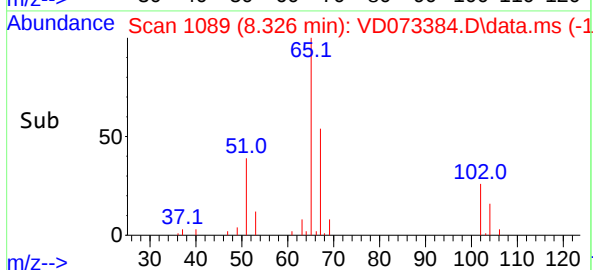
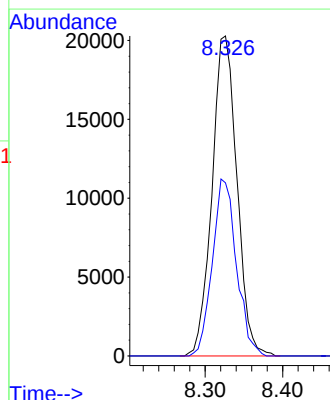
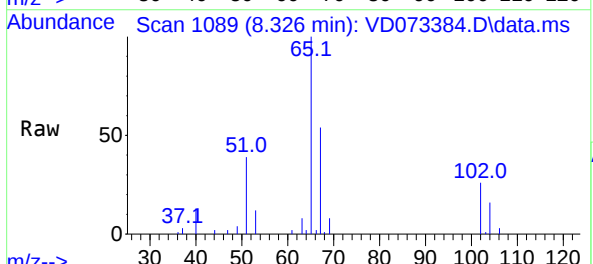
Acq: 26 May 2022 13:15

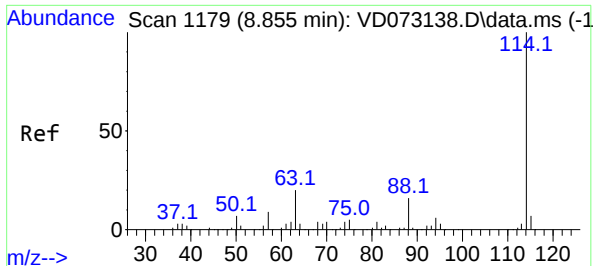
Tgt Ion: 65 Resp: 45293

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4



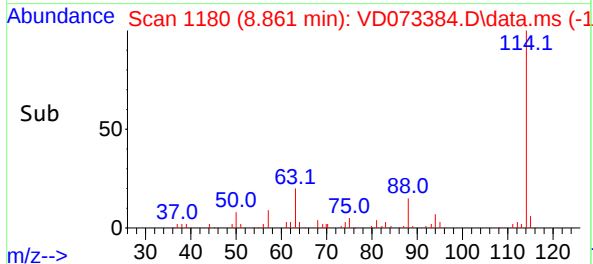
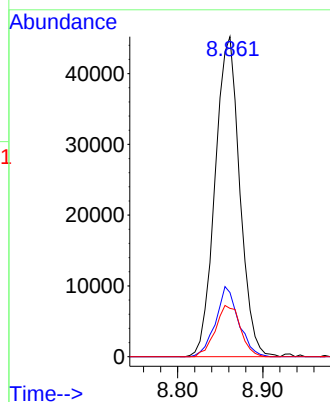
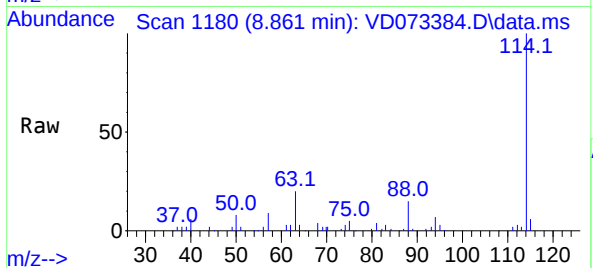


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01RE

Tgt Ion:114 Resp: 90925

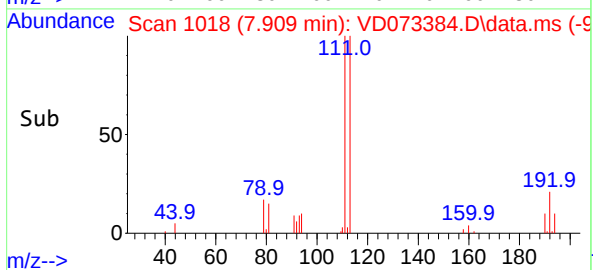
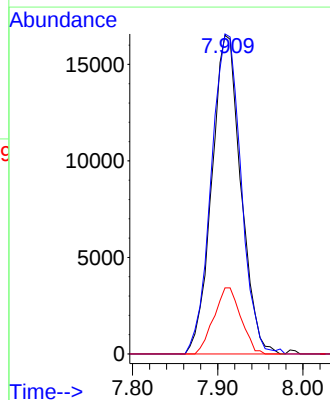
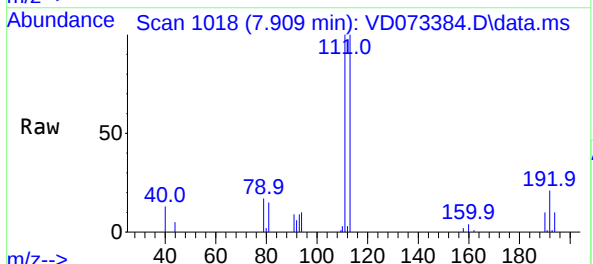
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	46.6
88	15.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 65.125 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Tgt Ion:113 Resp: 39074

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.6
192	19.3	14.6	21.8

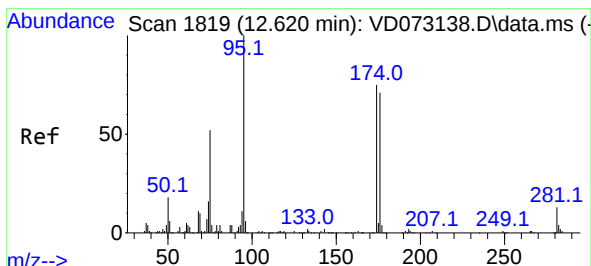
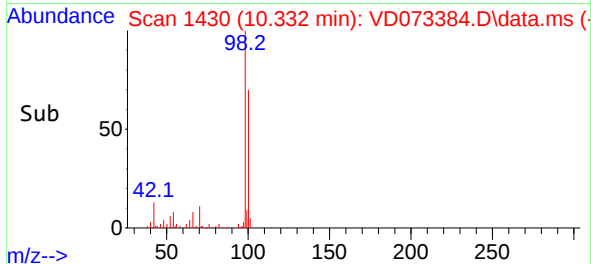
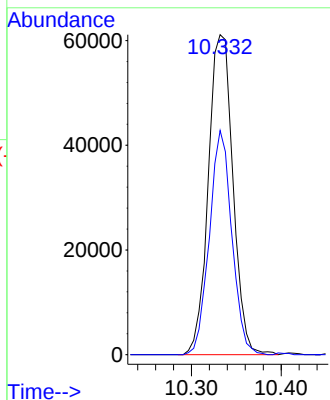
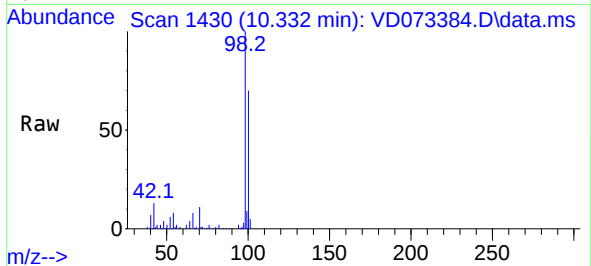




#50
Toluene-d8
Concen: 52.660 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

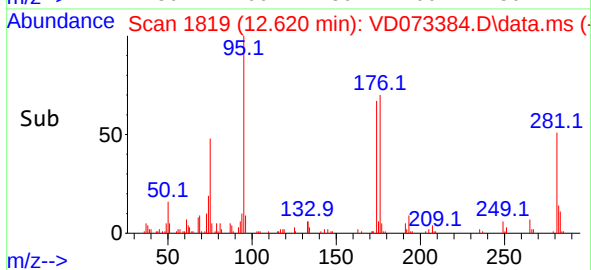
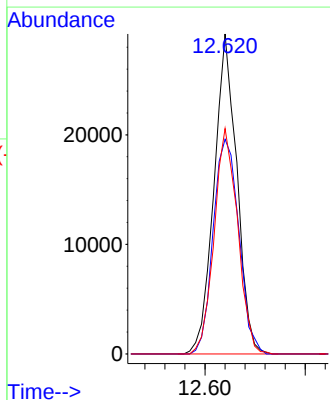
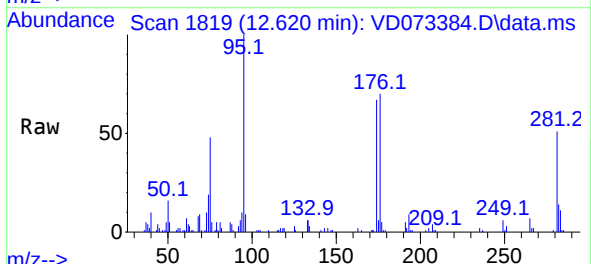
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01RE

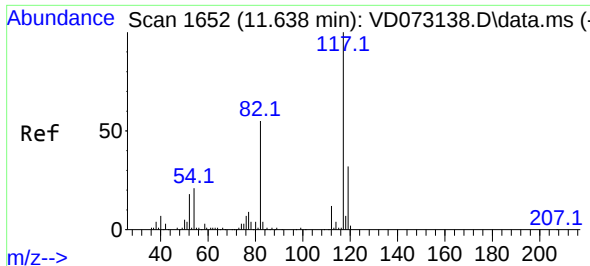
Tgt Ion: 98 Resp: 116467
Ion Ratio Lower Upper
98 100
100 63.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.327 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Tgt Ion: 95 Resp: 46048
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 72.5 0.0 145.4

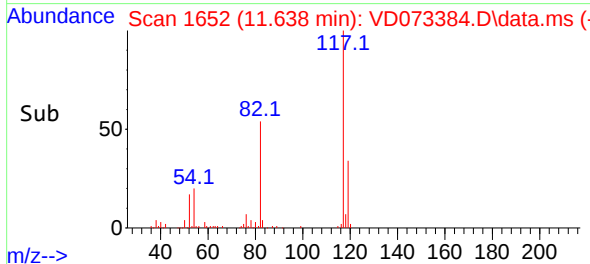
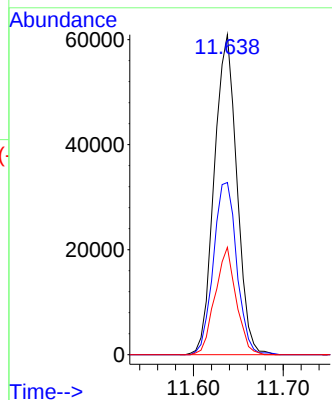
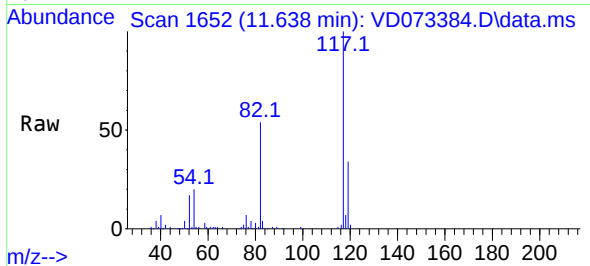




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01RE

Tgt Ion:117 Resp: 106426
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 33.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Tgt Ion:152 Resp: 45959
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 163.3 0.0 348.6

