

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073407.D
 Acq On : 27 May 2022 13:16
 Operator : VA/SY
 Sample : N3070-03
 Misc : 4.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IG1

Quant Time: May 28 09:43:12 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	314616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	547091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	554947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	241603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	161295	46.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.780%
35) Dibromofluoromethane	7.909	113	180716	50.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.332	98	671817	50.484	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.620	95	239948	51.379	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.760%

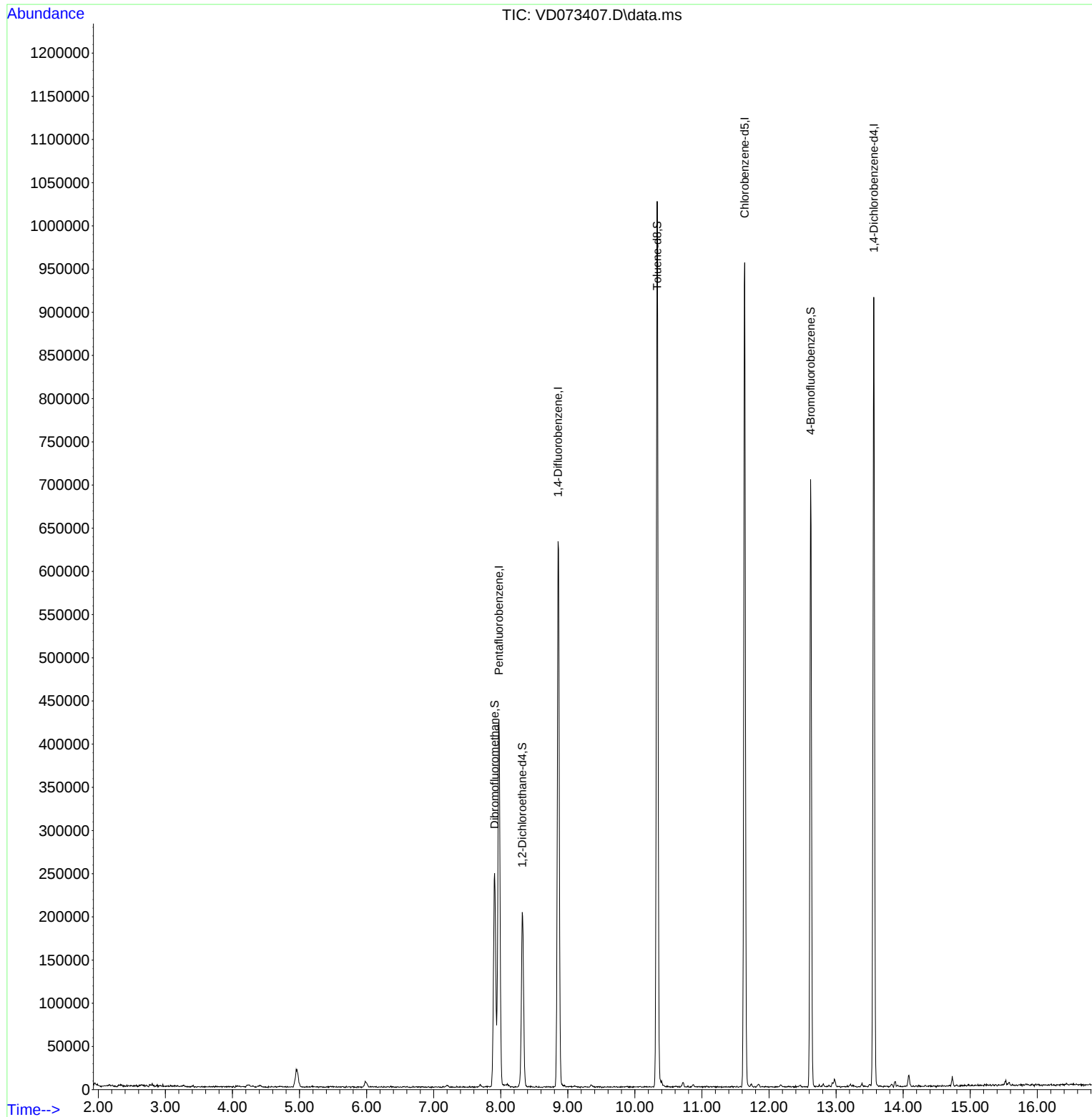
Target Compounds	Qvalue

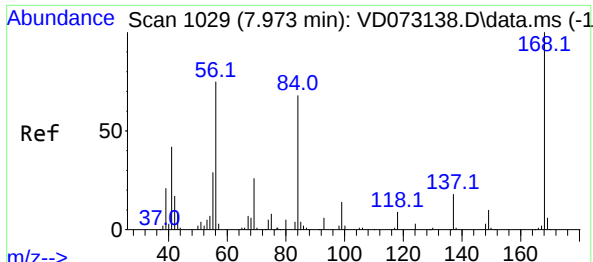
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073407.D

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MSVOA_D

ClientSampleId :

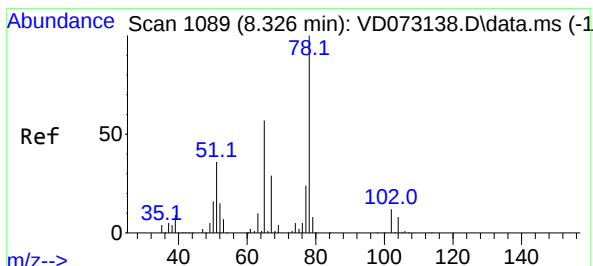
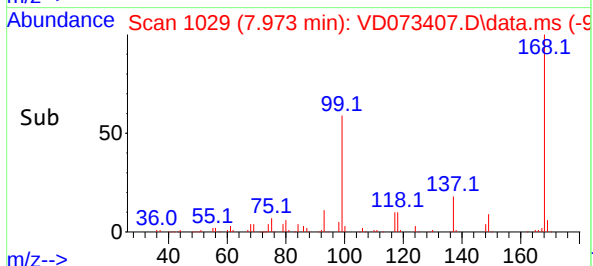
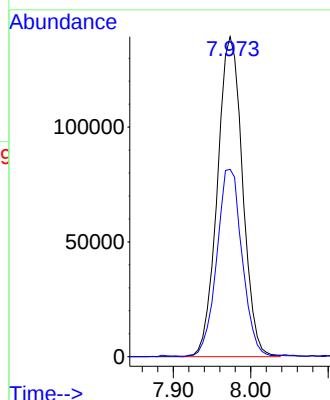
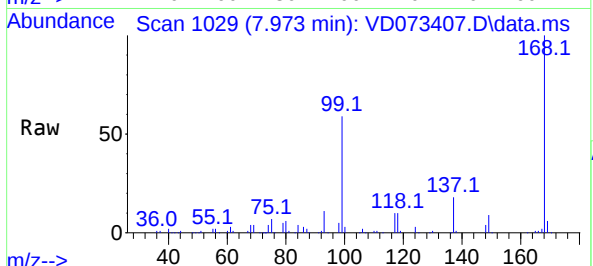
IG1

Tgt Ion:168 Resp: 314616

Ion Ratio Lower Upper

168 100

99 58.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.390 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073407.D

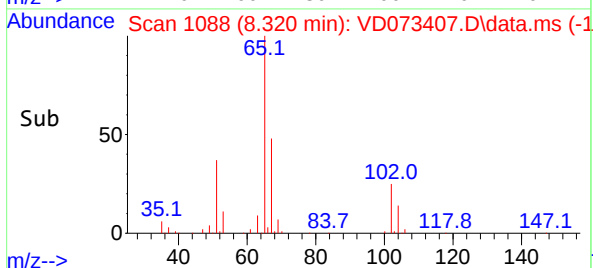
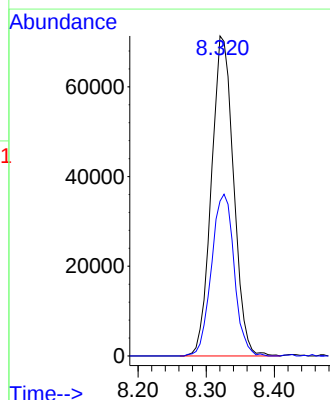
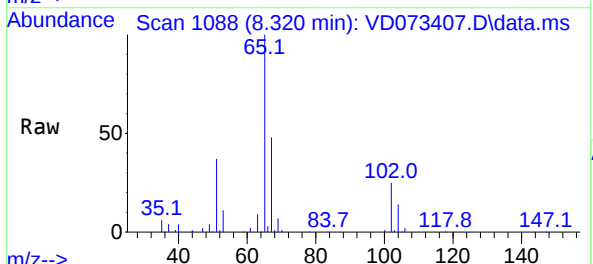
Acq: 27 May 2022 13:16

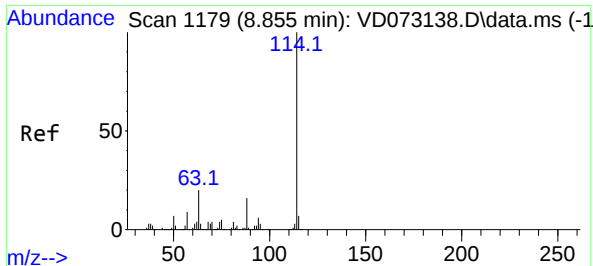
Tgt Ion: 65 Resp: 161295

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4

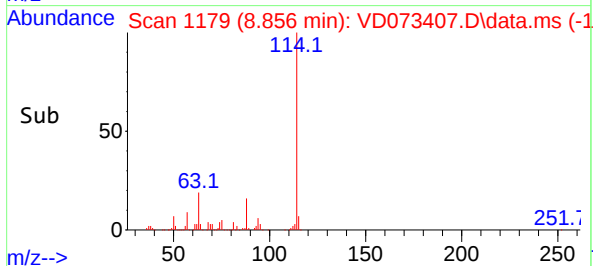
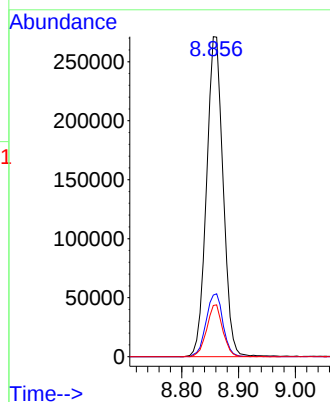
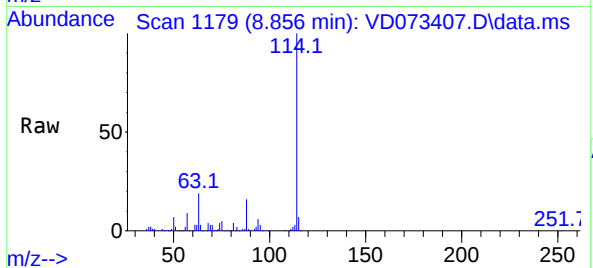




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

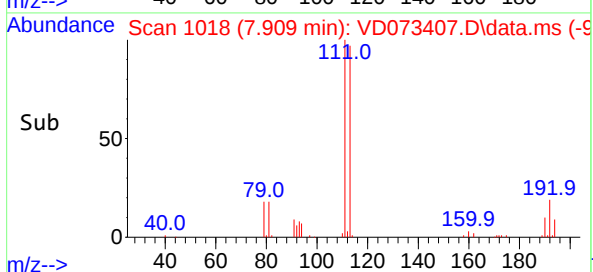
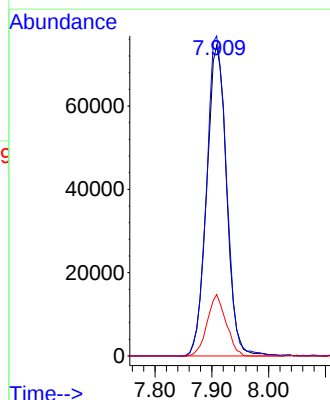
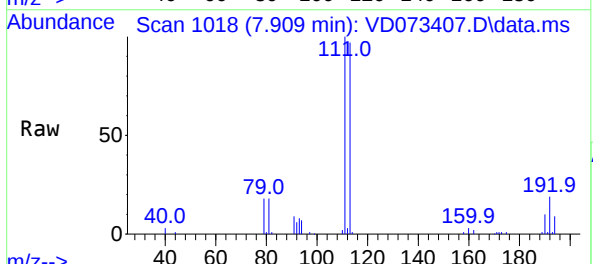
Instrument :
MSVOA_D
ClientSampleId :
IG1

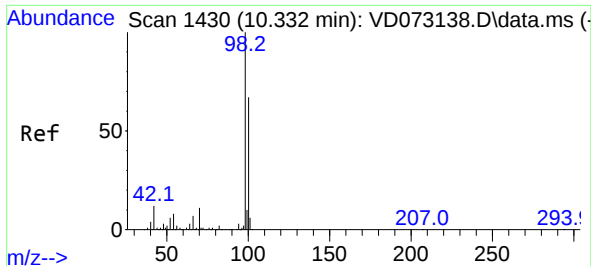
Tgt Ion:114 Resp: 547091
Ion Ratio Lower Upper
114 100
63 19.3 0.0 46.6
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.059 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

Tgt Ion:113 Resp: 180716
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 18.8 14.6 21.8

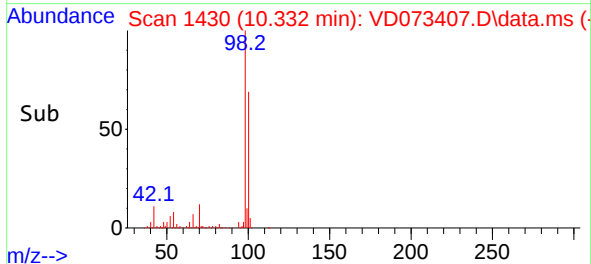
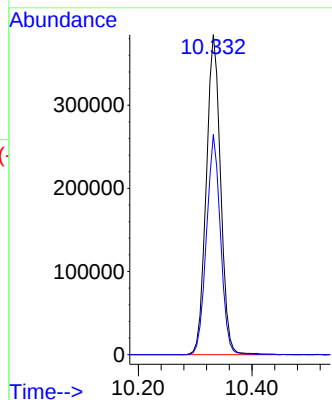
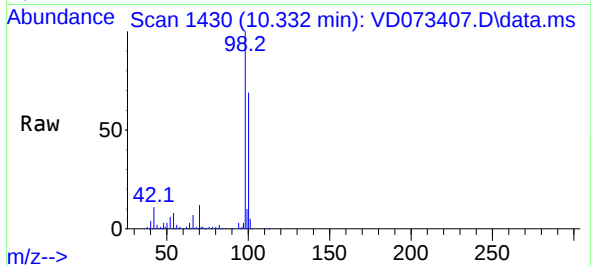




#50
Toluene-d8
Concen: 50.484 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

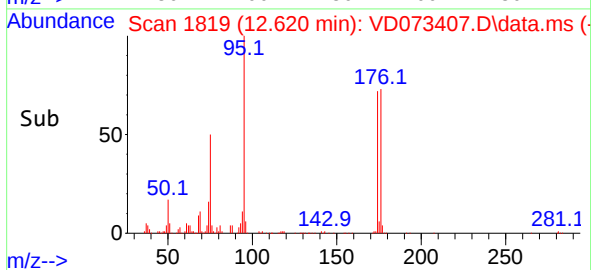
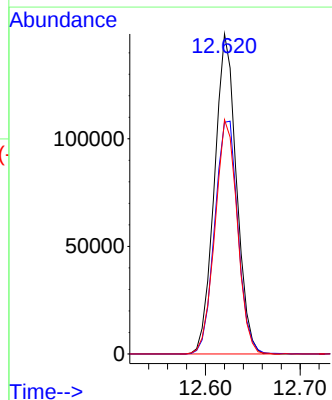
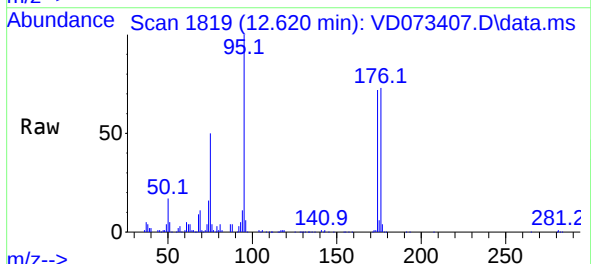
Instrument :
MSVOA_D
ClientSampleId :
IG1

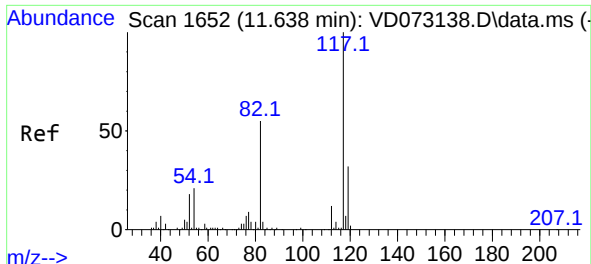
Tgt Ion: 98 Resp: 671817
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.379 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

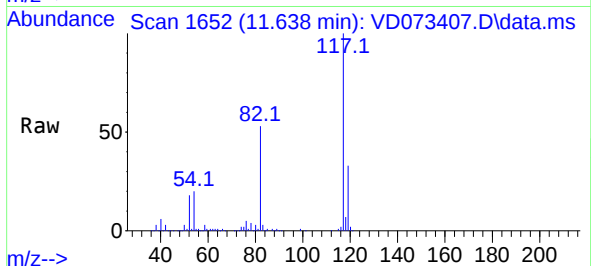
Tgt Ion: 95 Resp: 239948
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.2 0.0 145.4



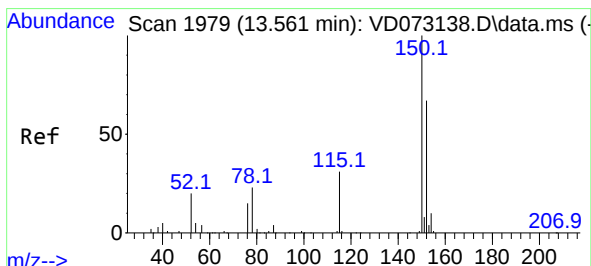
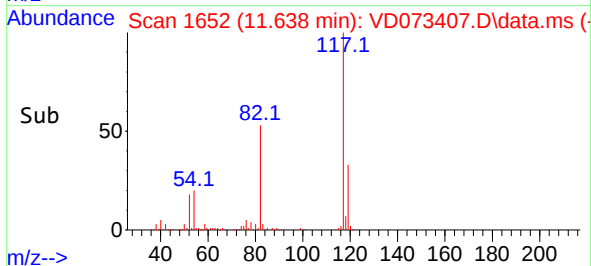
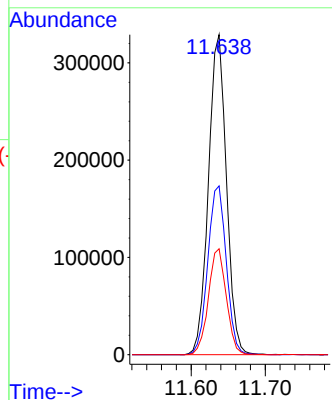


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

Instrument :
MSVOA_D
ClientSampleId :
IG1



Tgt Ion:117 Resp: 554947
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 33.1 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: VD073407.D
Acq: 27 May 2022 13:16

Tgt Ion:152 Resp: 241603
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 157.9 0.0 348.6

