

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072308.D
 Acq On : 19 Mar 2022 00:49
 Operator : VA/SY
 Sample : VD0318SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL02

Quant Time: Mar 19 05:31:37 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	7.973	168	355919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	601633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	633868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	323103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176518	44.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.000%
35) Dibromofluoromethane	7.908	113	186489	44.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.100%
50) Toluene-d8	10.338	98	739969	47.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.620	95	307365	51.099	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.200%

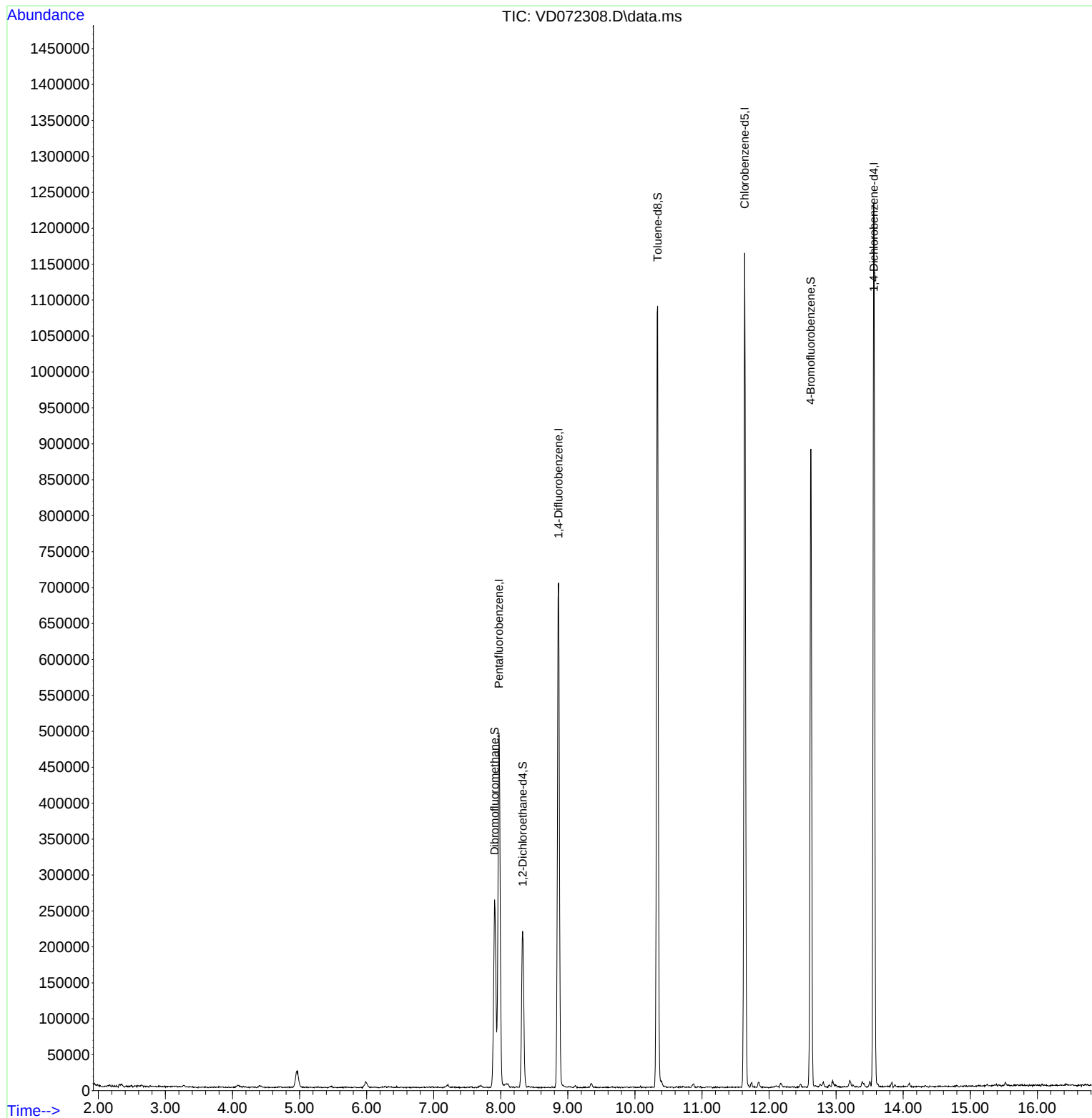
Target Compounds	Qvalue

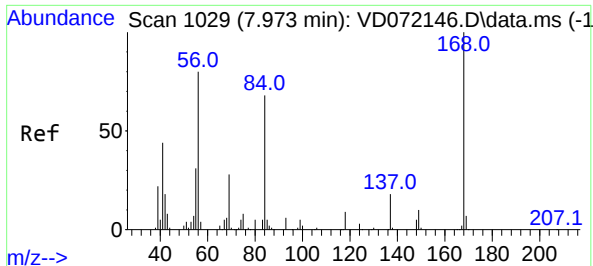
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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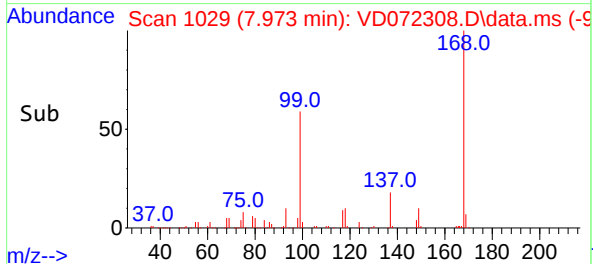
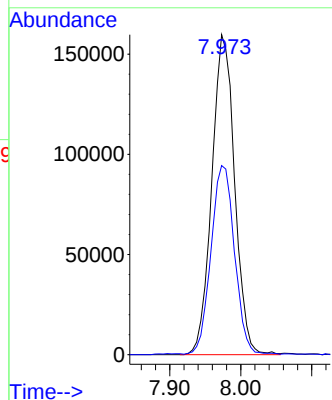
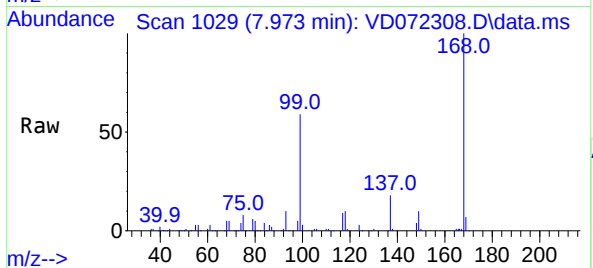




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

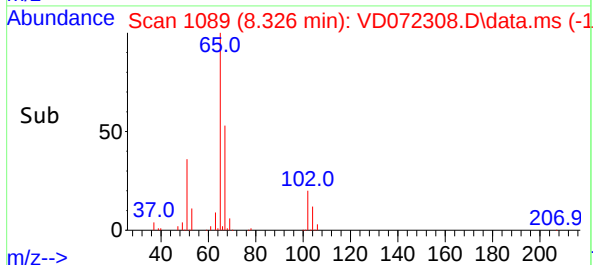
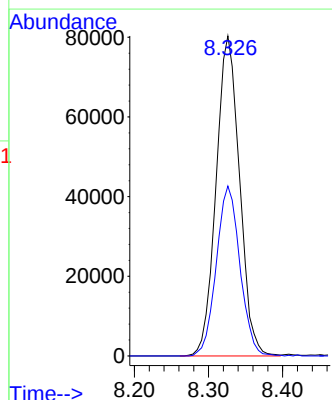
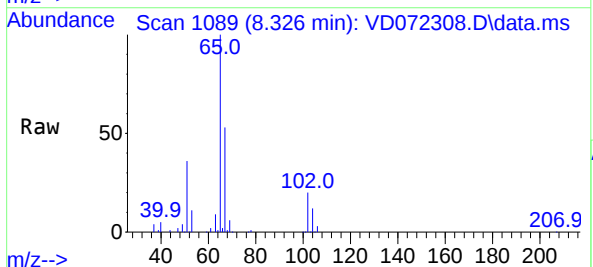
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL02

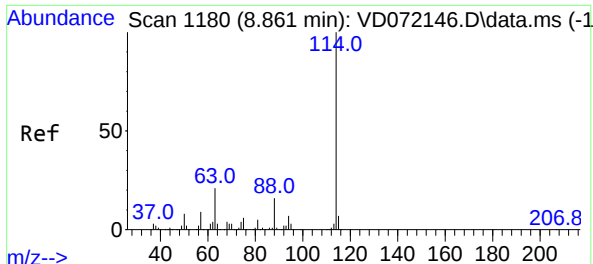
Tgt Ion:168 Resp: 355919
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.502 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

Tgt Ion: 65 Resp: 176518
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.4



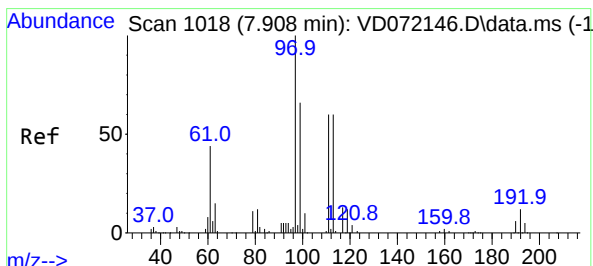
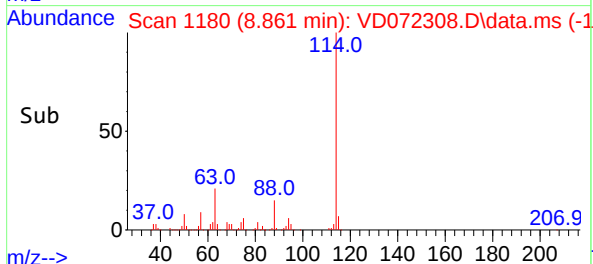
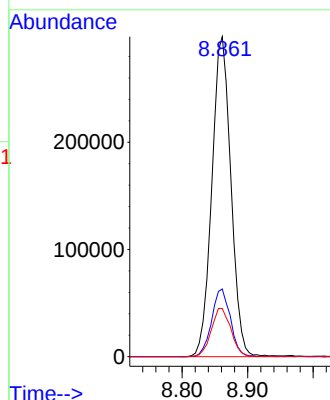
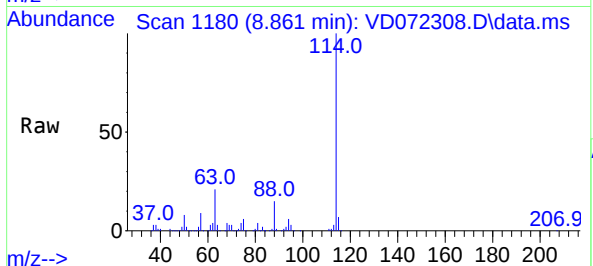


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL02

Tgt Ion:114 Resp: 601633

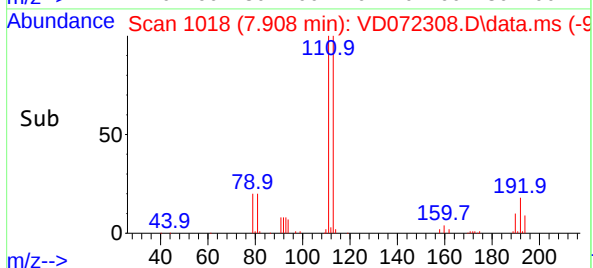
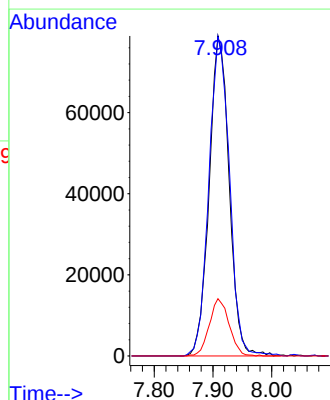
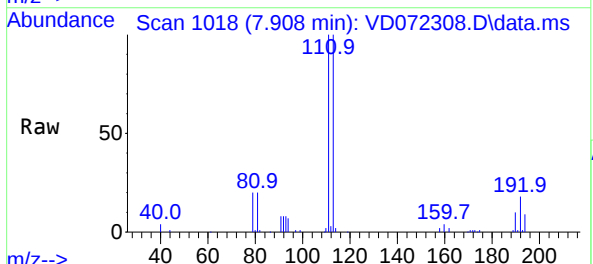
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	46.6
88	15.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 44.048 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

Tgt Ion:113 Resp: 186489

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	17.7	14.6	21.8

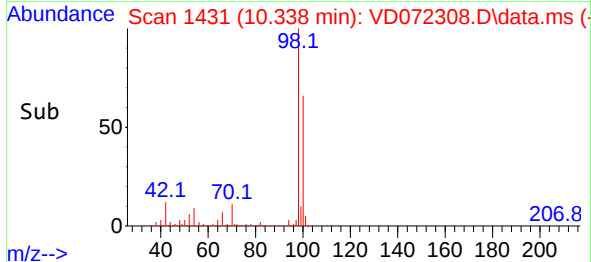
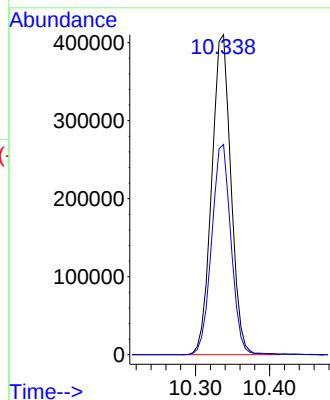
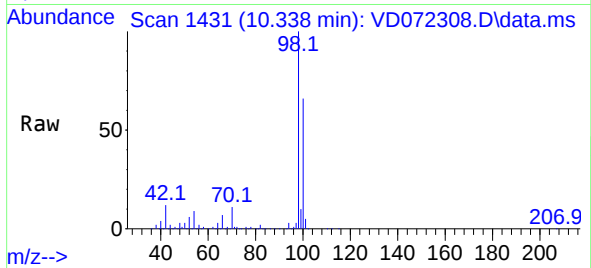




#50
Toluene-d8
Concen: 47.799 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

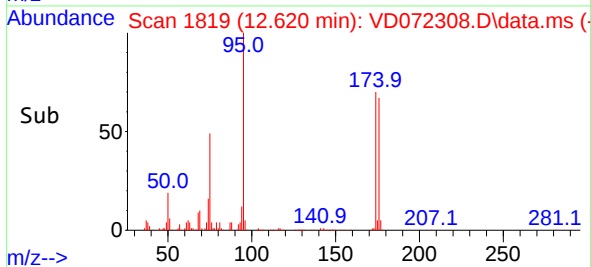
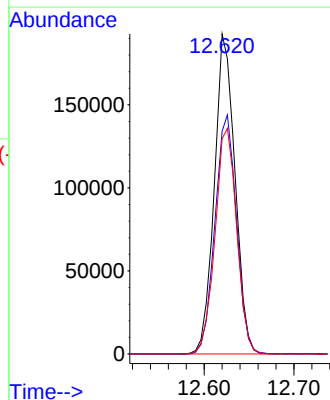
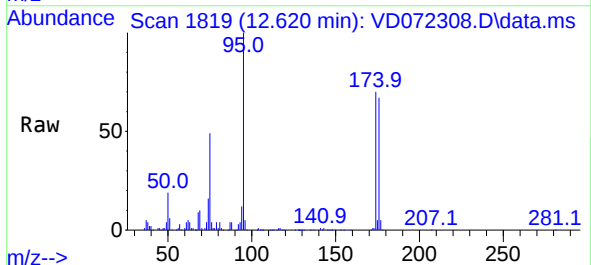
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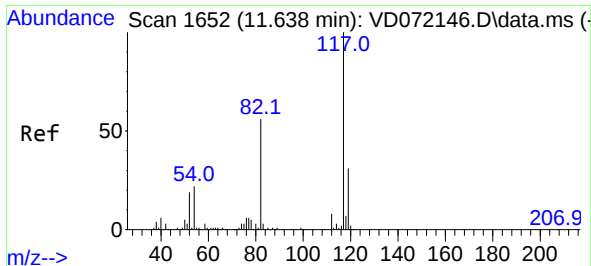
Tgt Ion: 98 Resp: 739969
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.099 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

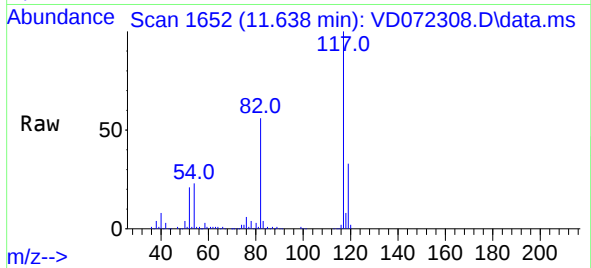
Tgt Ion: 95 Resp: 307365
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 73.7 0.0 145.4



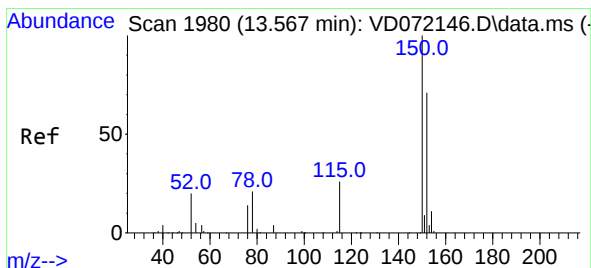
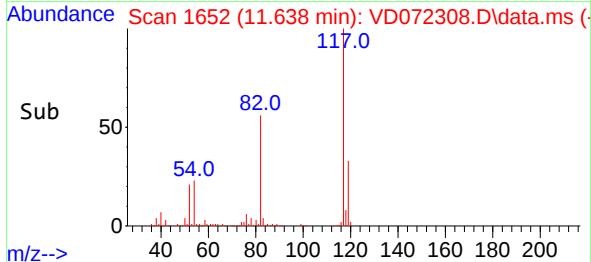
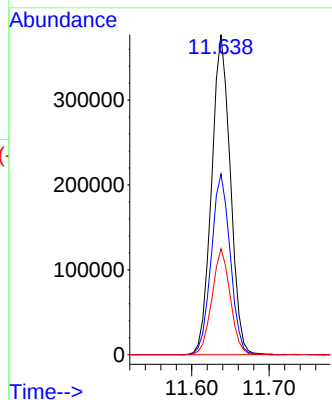


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072308.D
Acq: 19 Mar 2022 00:49

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL02



Tgt Ion:117 Resp: 633868
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 33.2 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: VD072308.D
Acq: 19 Mar 2022 00:49

Tgt Ion:152 Resp: 323103
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 156.3 0.0 348.6

