

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072791.D
 Acq On : 04 May 2022 16:24
 Operator : VA/SY
 Sample : N2677-07
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3,8

Quant Time: May 05 01:38:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	319775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	609153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	594419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215905	52.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.020%
35) Dibromofluoromethane	7.914	113	205874	48.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.332	98	741725	48.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.620	95	286429	50.056	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.120%

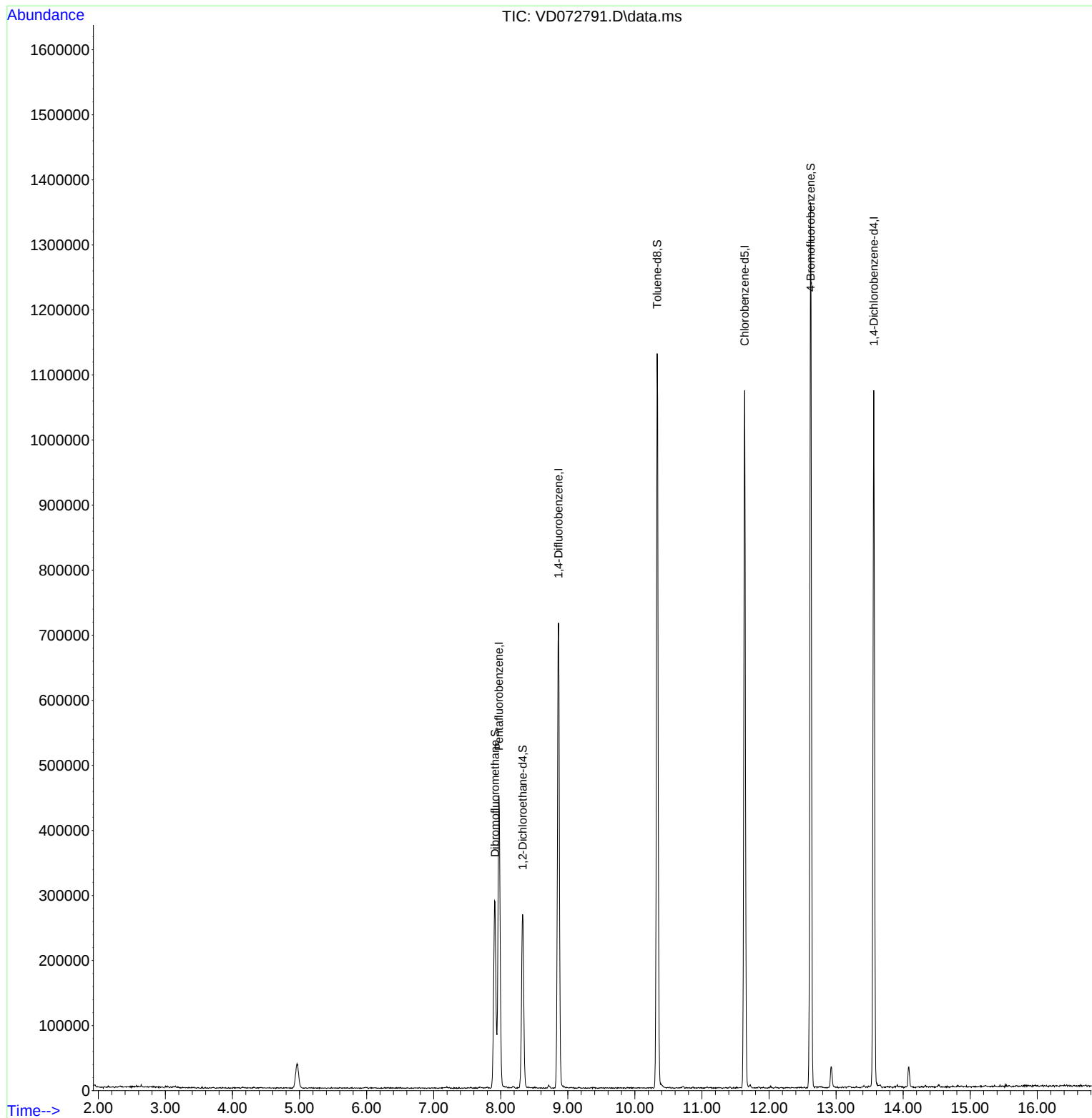
Target Compounds	Qvalue

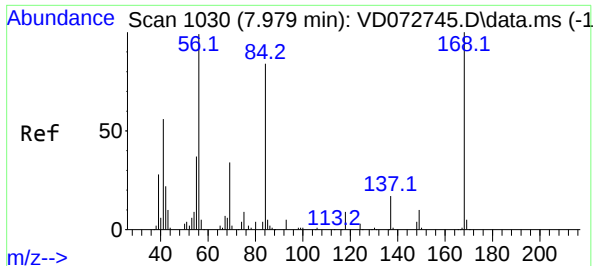
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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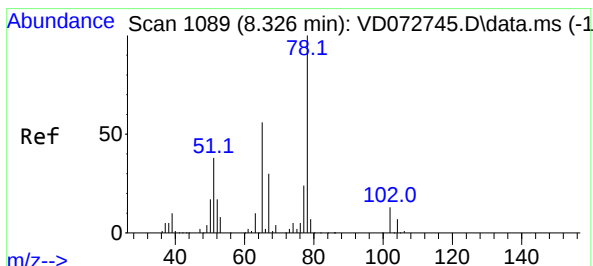
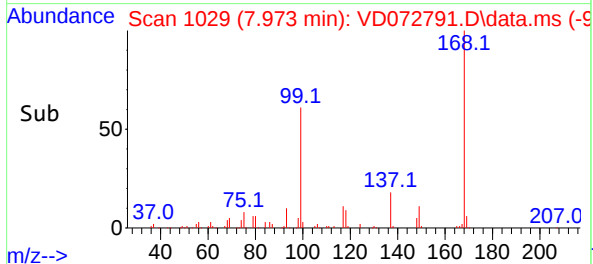
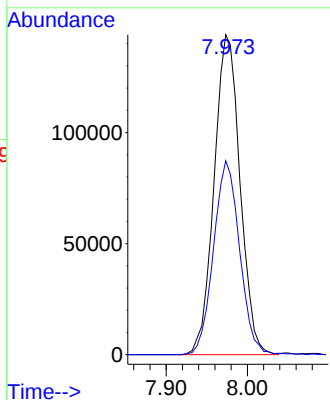
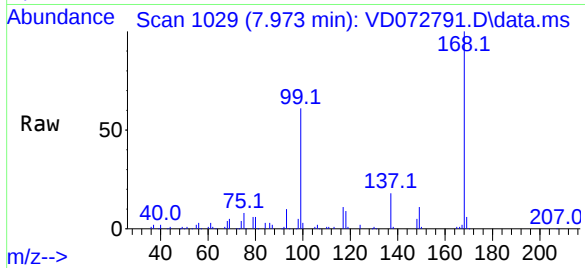




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

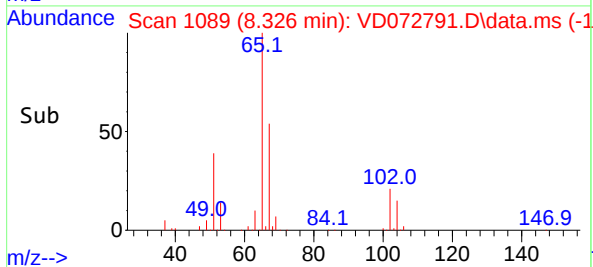
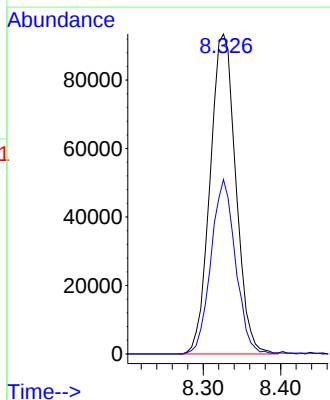
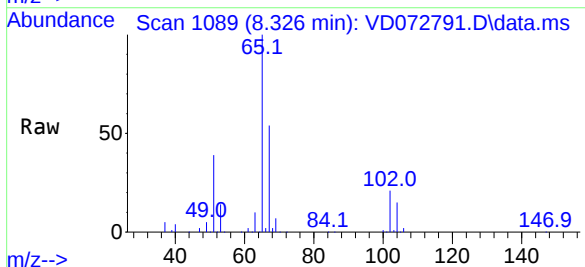
Instrument :
MSVOA_D
ClientSampleId :
SB-3,8

Tgt Ion:168 Resp: 319775
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.014 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

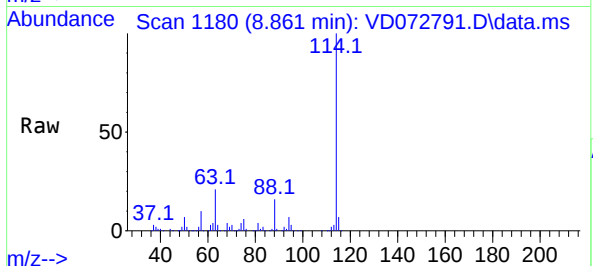
Tgt Ion: 65 Resp: 215905
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4



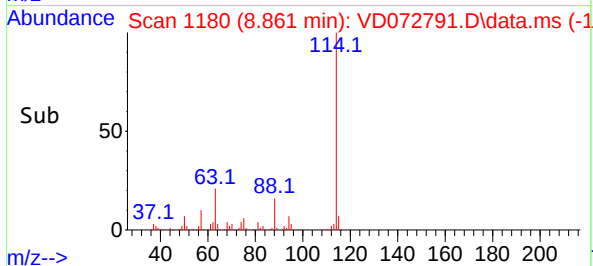
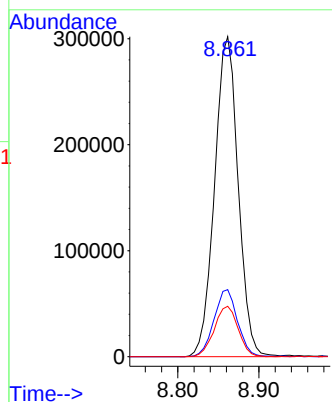


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

Instrument :
MSVOA_D
ClientSampleId :
SB-3,8

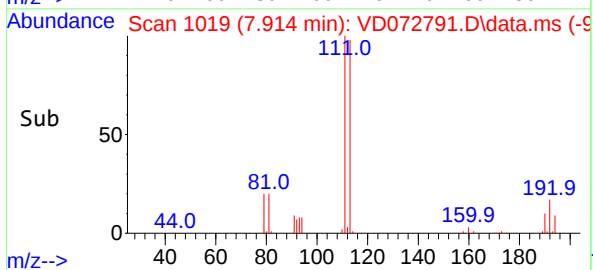
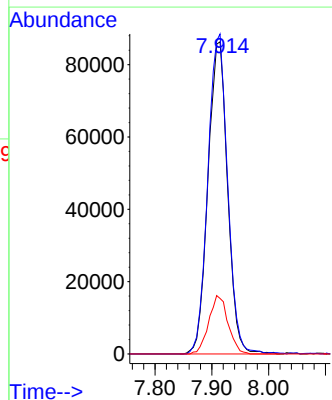
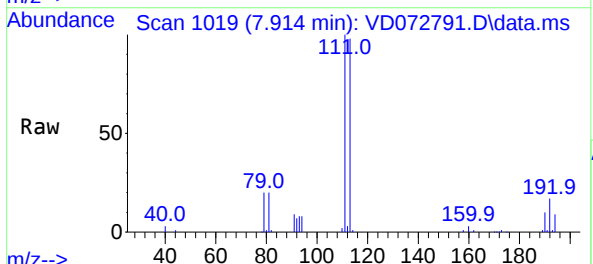


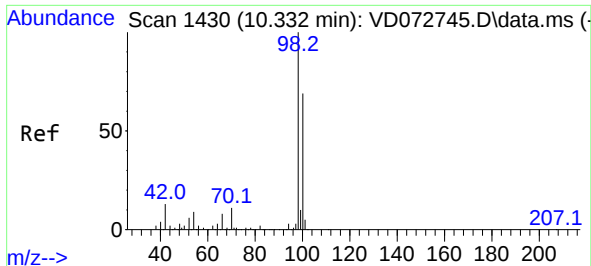
Tgt Ion:114 Resp: 609153
Ion Ratio Lower Upper
114 100
63 21.0 0.0 46.6
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.122 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.005 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

Tgt Ion:113 Resp: 205874
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.4 14.6 21.8

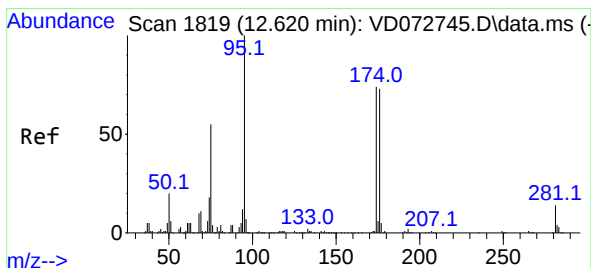
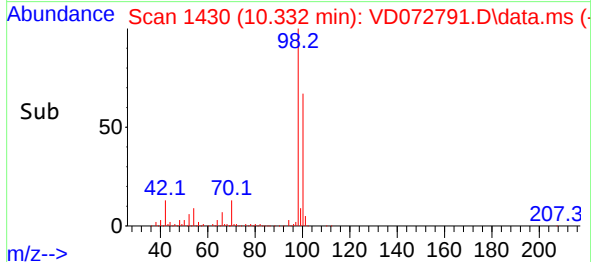
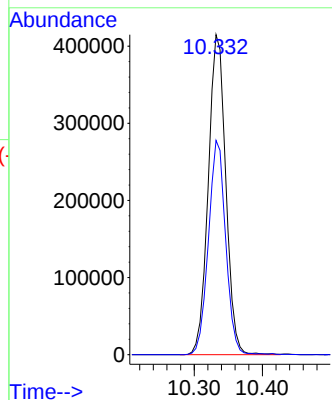
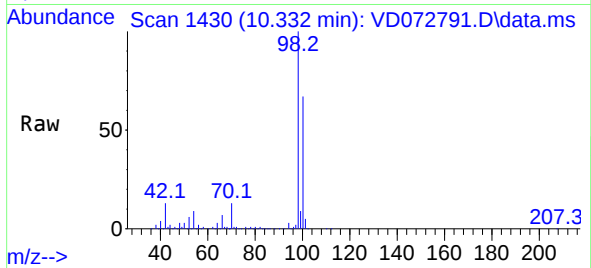




#50
Toluene-d8
Concen: 48.333 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

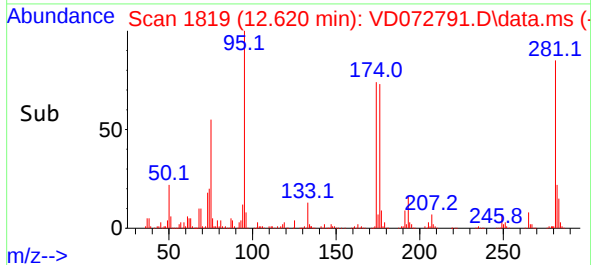
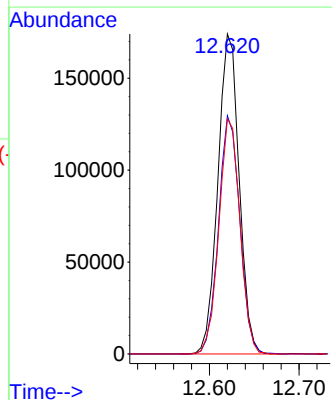
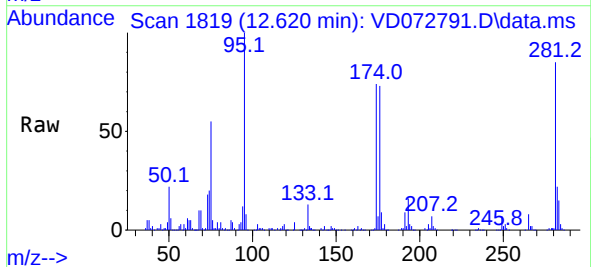
Instrument :
MSVOA_D
ClientSampleId :
SB-3,8

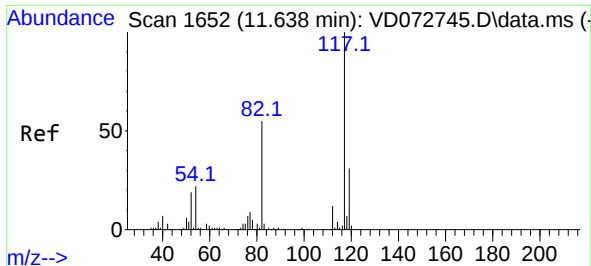
Tgt Ion: 98 Resp: 741725
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.056 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

Tgt Ion: 95 Resp: 286429
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 72.7 0.0 145.4

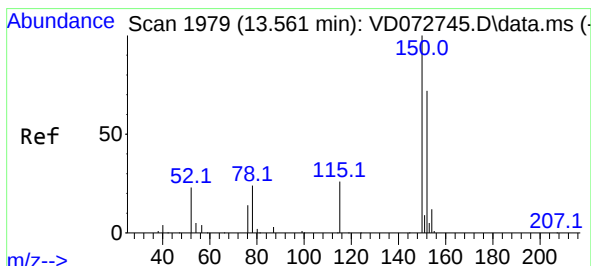
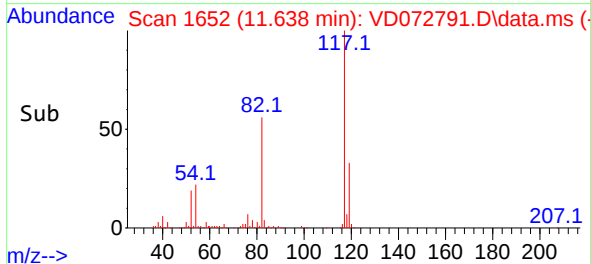
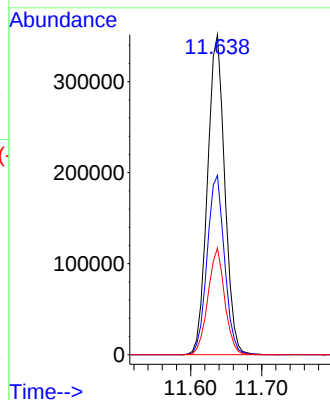
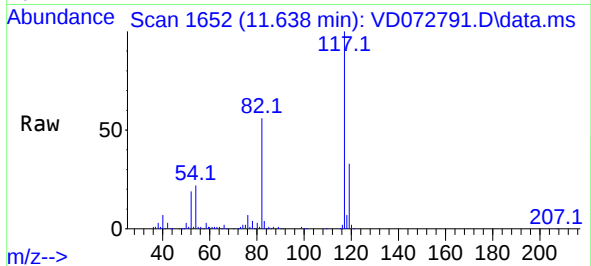




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

Instrument :
MSVOA_D
ClientSampleId :
SB-3,8

Tgt Ion:117 Resp: 594419
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 33.4 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: VD072791.D
Acq: 04 May 2022 16:24

Tgt Ion:152 Resp: 269955
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 159.0 0.0 348.6

