

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071508.D
 Acq On : 28 Dec 2021 17:36
 Operator : VA/SY
 Sample : M5236-06
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(19.5-20)

Quant Time: Dec 28 19:26:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	138085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	244563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	257816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	120189	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127014	69.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.520%
35) Dibromofluoromethane	7.914	113	92797	56.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.338	98	313545	50.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.626	95	123406	55.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.820%

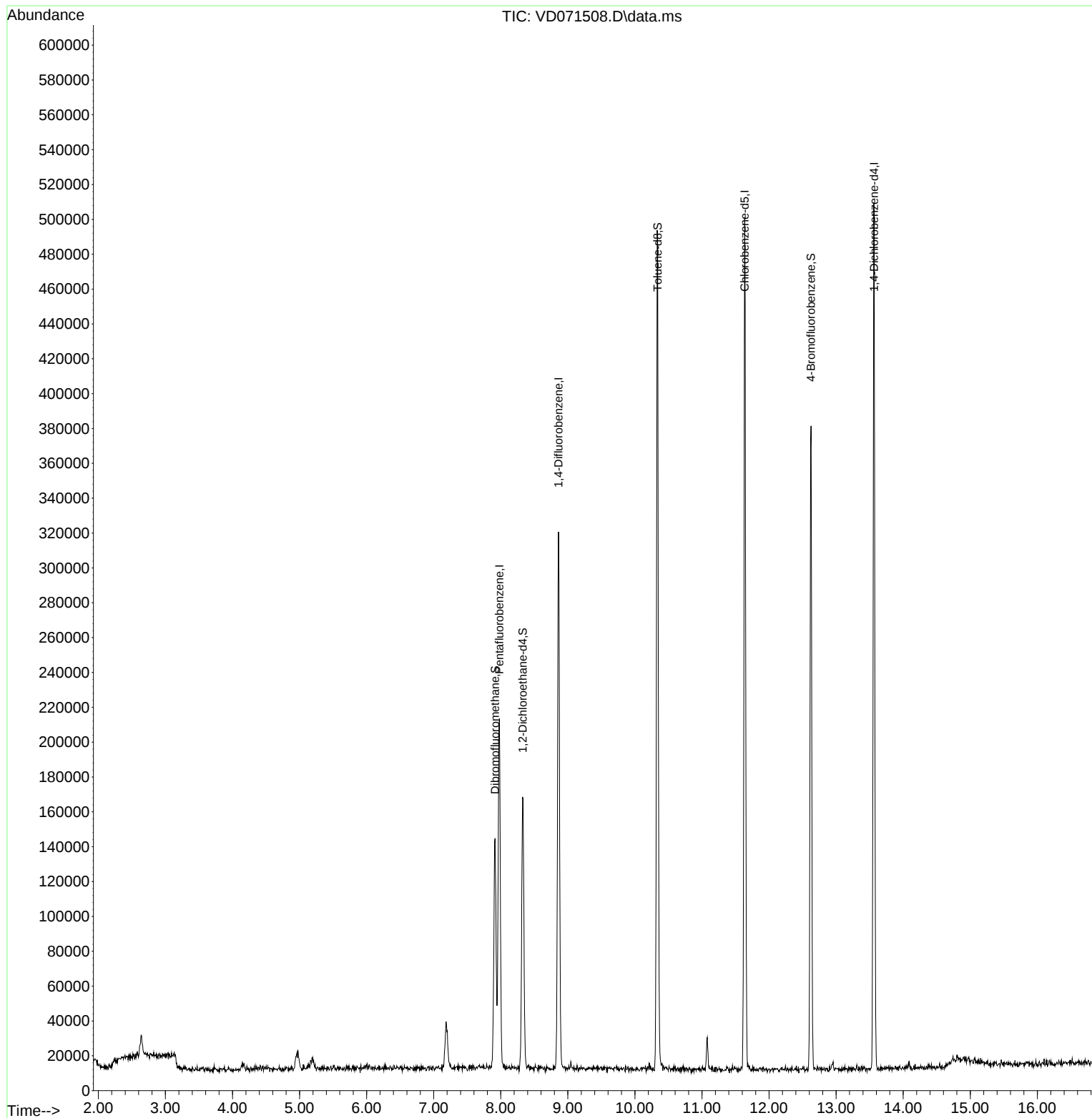
Target Compounds	Qvalue

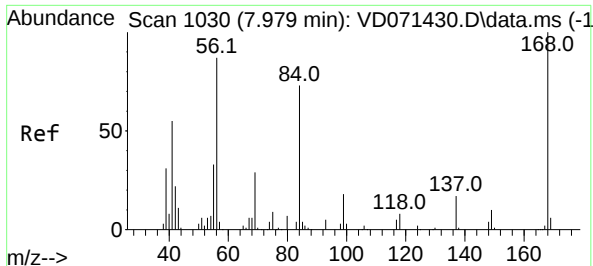
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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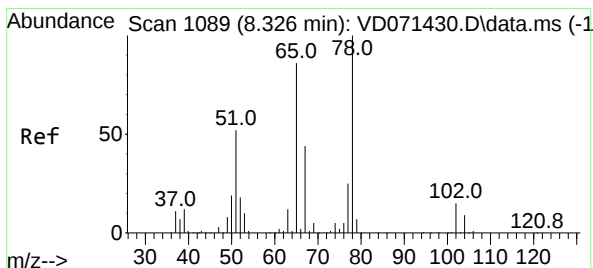
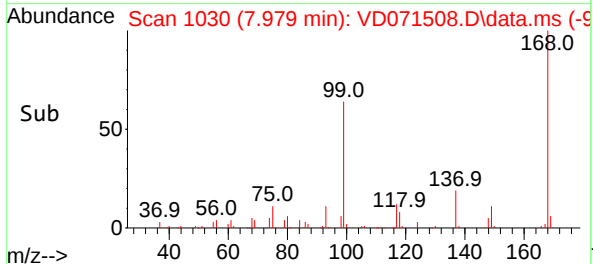
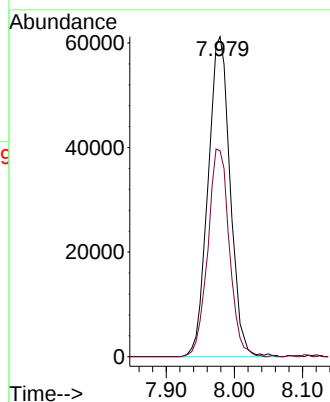
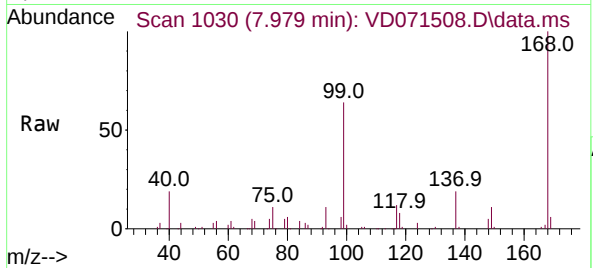




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

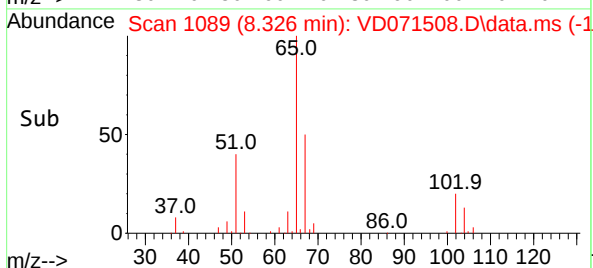
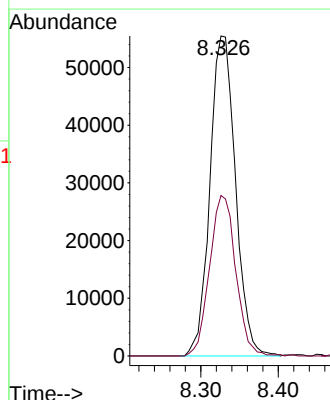
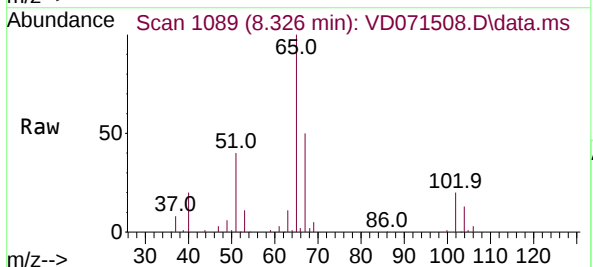
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(19.5-20)

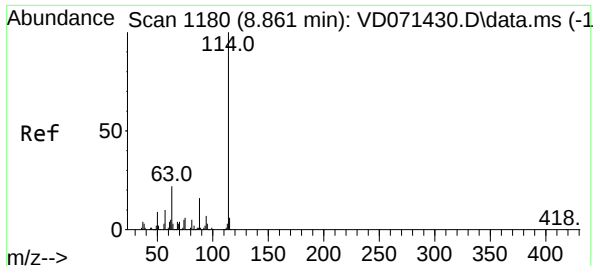
Tgt Ion:168 Resp: 138085
Ion Ratio Lower Upper
168 100
99 64.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 69.259 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion: 65 Resp: 127014
Ion Ratio Lower Upper
65 100
67 51.3 0.0 112.2

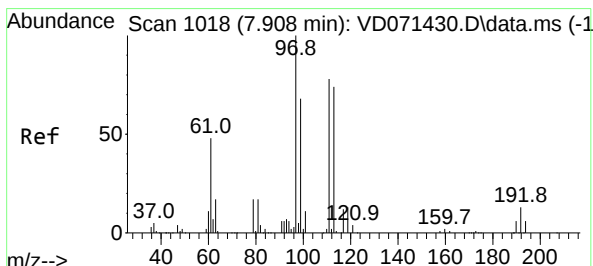
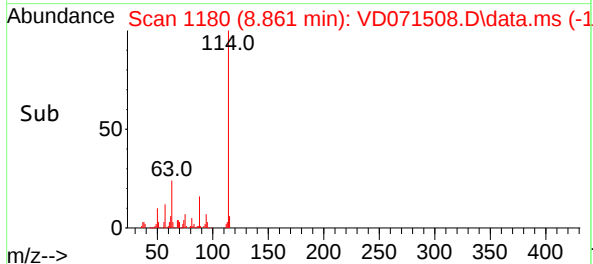
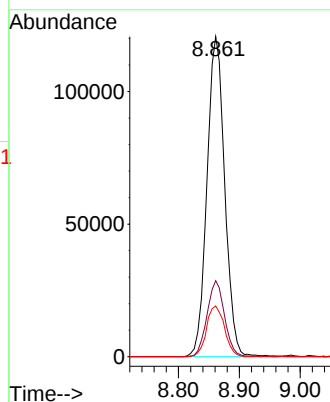
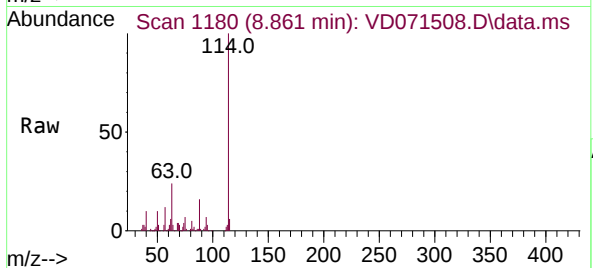




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

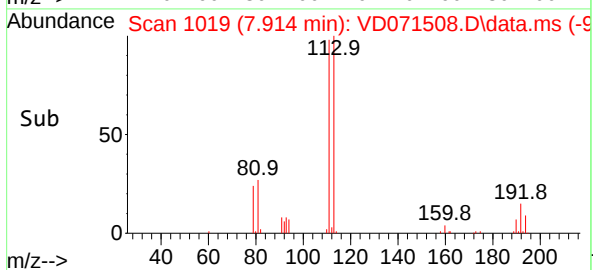
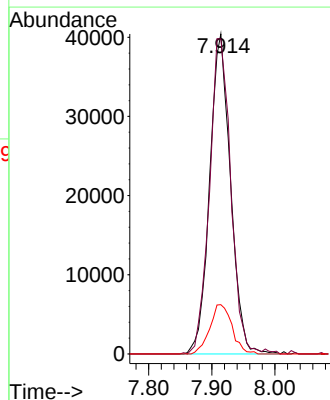
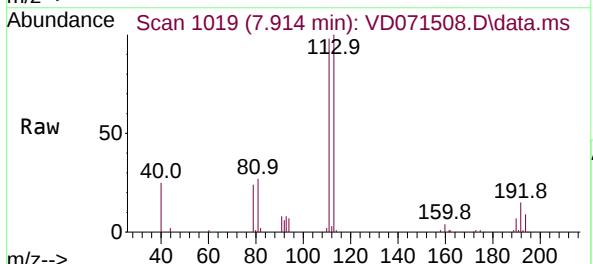
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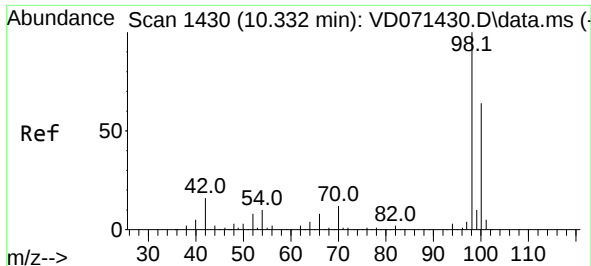
Tgt Ion:	114	Resp:	244563
Ion Ratio	Lower	Upper	
114	100		
63	23.7	0.0	41.8
88	15.9	0.0	32.8



#35
Dibromofluoromethane
Concen: 56.458 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion:	113	Resp:	92797
Ion Ratio	Lower	Upper	
113	100		
111	100.7	82.0	123.0
192	16.5	15.2	22.8

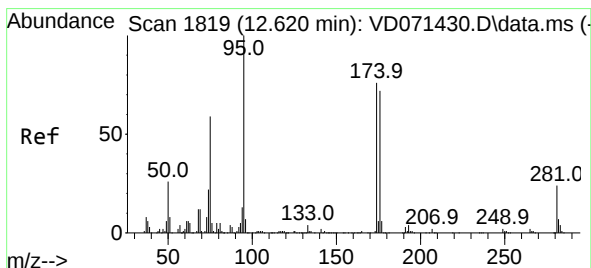
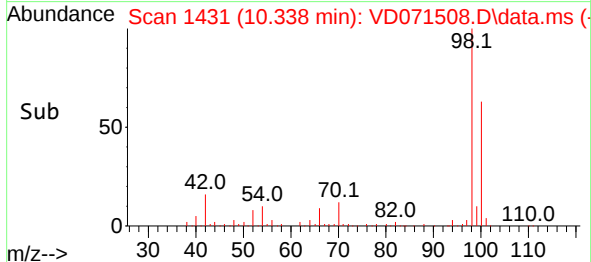
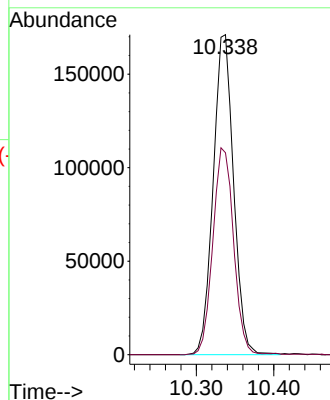
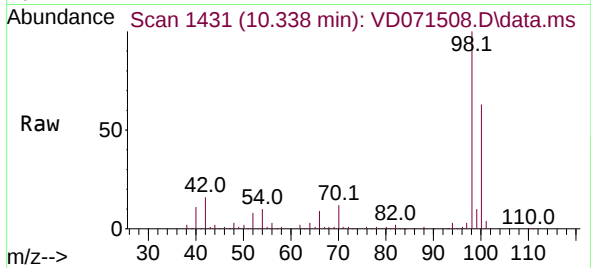




#50
Toluene-d8
Concen: 50.479 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

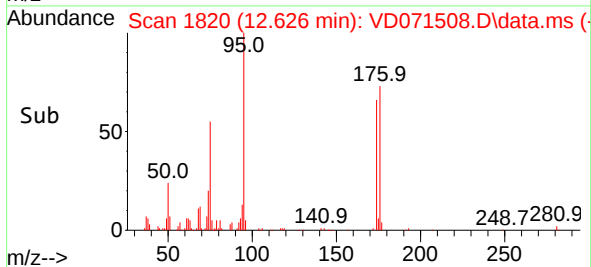
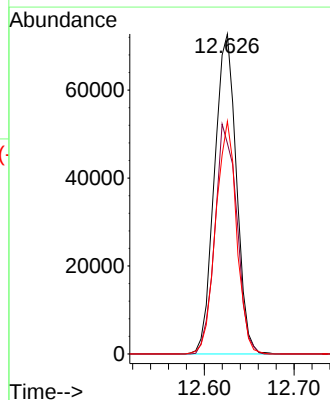
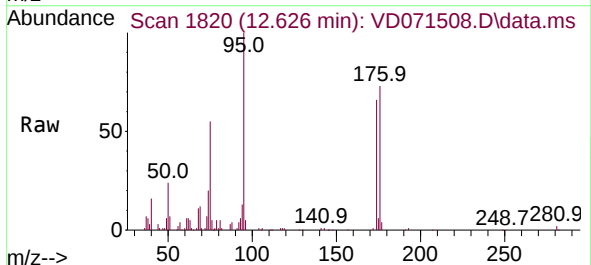
Instrument :
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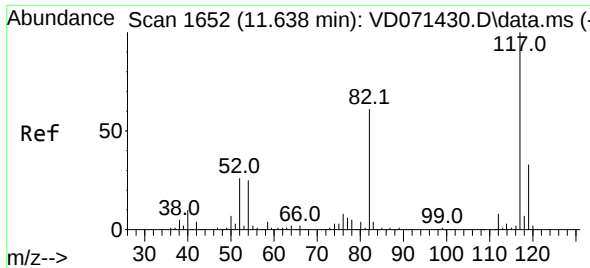
Tgt Ion: 98 Resp: 313545
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.910 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion: 95 Resp: 123406
Ion Ratio Lower Upper
95 100
174 71.7 0.0 159.4
176 69.4 0.0 154.0

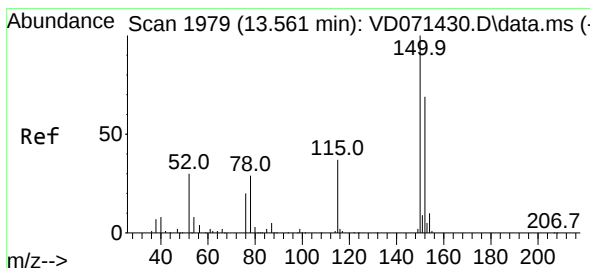
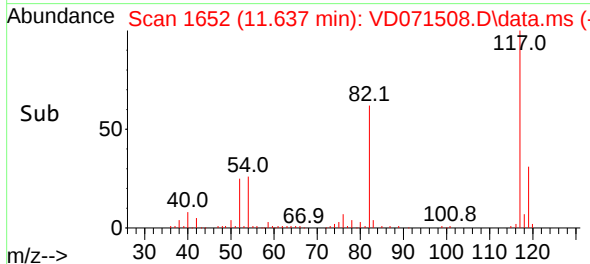
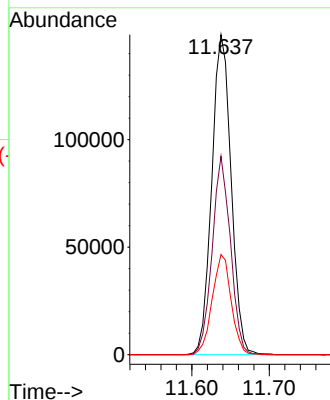
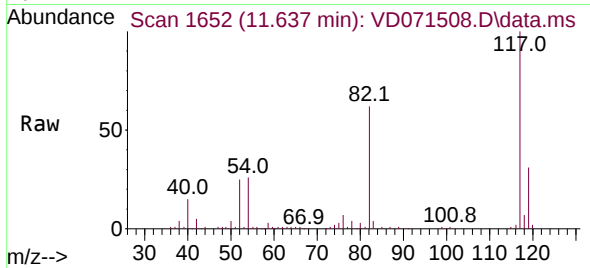




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Instrument :
MSVOA_D
ClientSampleId :
SB-3-(19.5-20)

Tgt Ion:117 Resp: 257816
Ion Ratio Lower Upper
117 100
82 62.0 44.7 67.1
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071508.D
Acq: 28 Dec 2021 17:36

Tgt Ion:152 Resp: 120189
Ion Ratio Lower Upper
152 100
115 61.4 29.8 89.3
150 156.7 0.0 349.2

