

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070860.D
 Acq On : 27 Oct 2021 13:26
 Operator : VA/SY
 Sample : M4356-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-282RE

Quant Time: Oct 28 03:55:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	93387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	164908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	177885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	77157	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	80605	85.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.640%#
35) Dibromofluoromethane	7.908	113	73744	67.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.640%
50) Toluene-d8	10.332	98	213829	52.272	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.540%
62) 4-Bromofluorobenzene	12.620	95	69090	51.189	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.380%

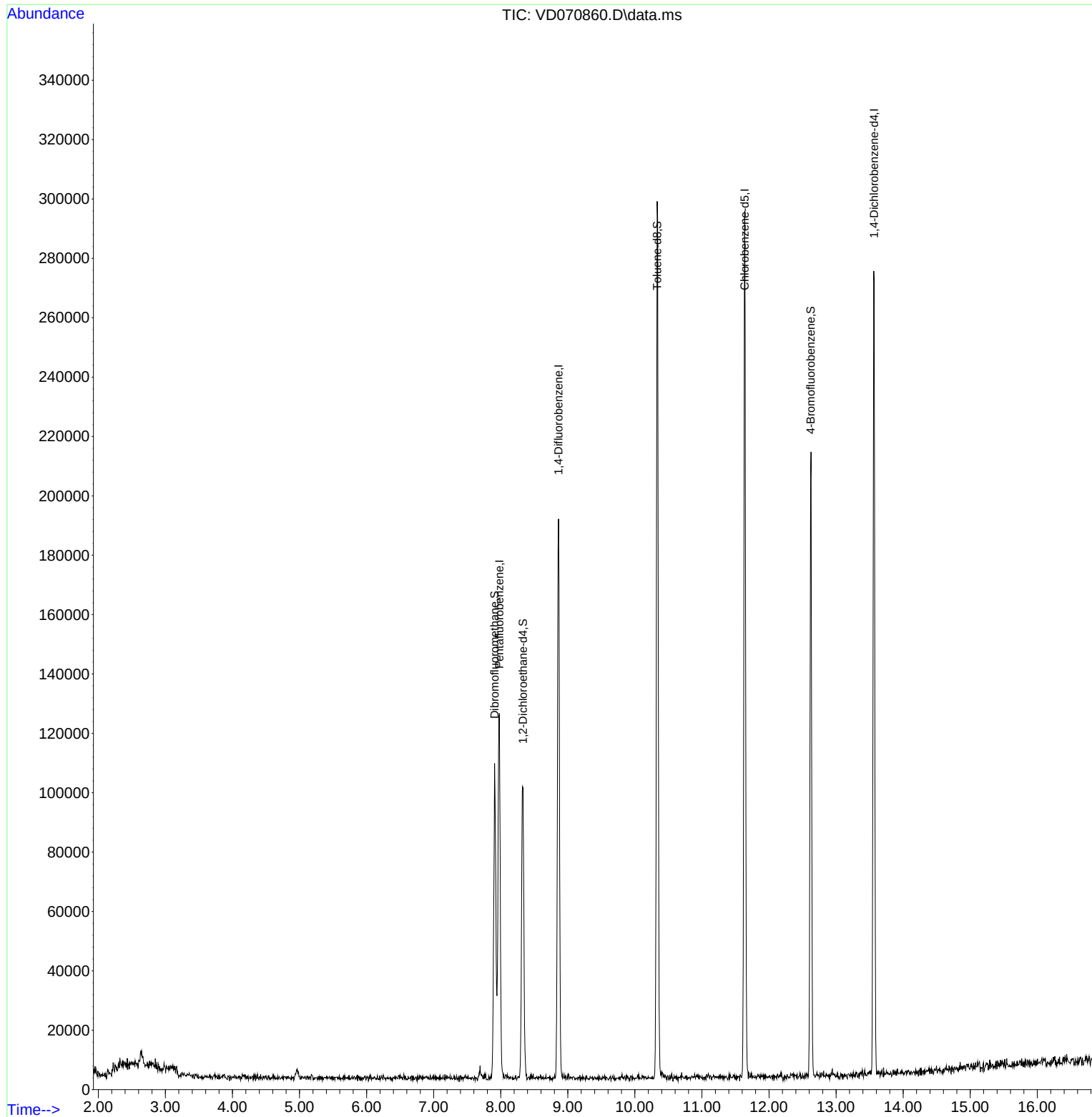
Target Compounds	Qvalue

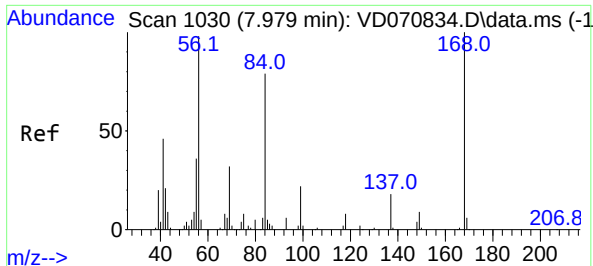
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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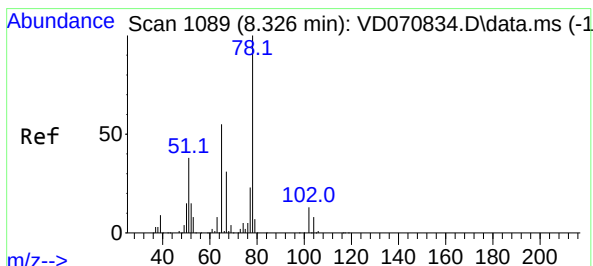
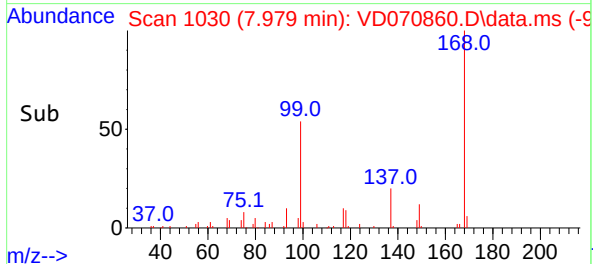
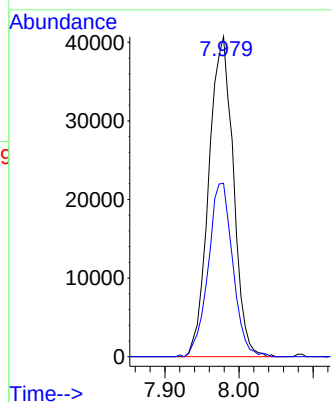
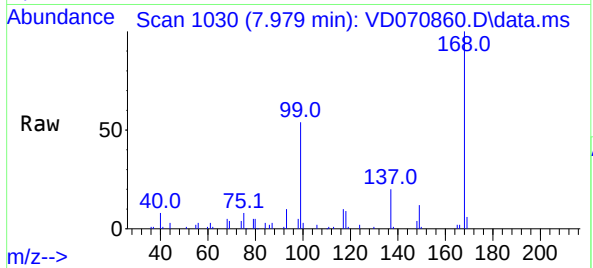




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070860.D
Acq: 27 Oct 2021 13:26

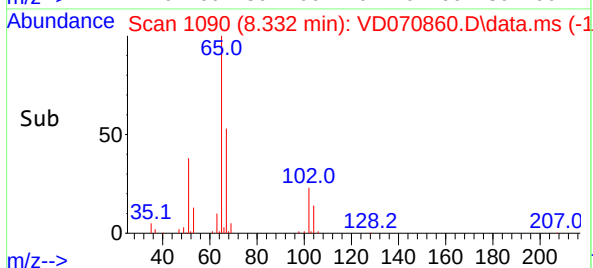
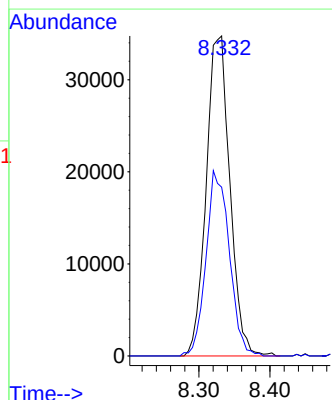
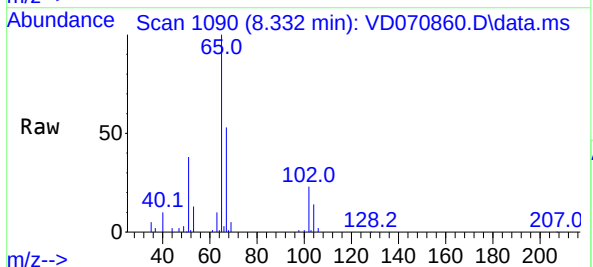
Instrument :
MSVOA_D
ClientSampleId :
ETGI-282RE

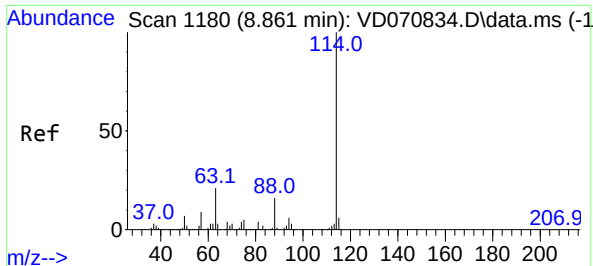
Tgt Ion:168 Resp: 93387
Ion Ratio Lower Upper
168 100
99 54.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 85.819 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070860.D
Acq: 27 Oct 2021 13:26

Tgt Ion: 65 Resp: 80605
Ion Ratio Lower Upper
65 100
67 56.9 0.0 112.2



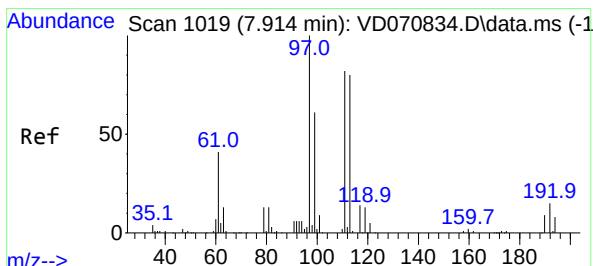
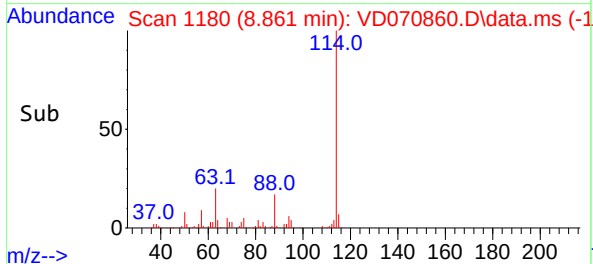
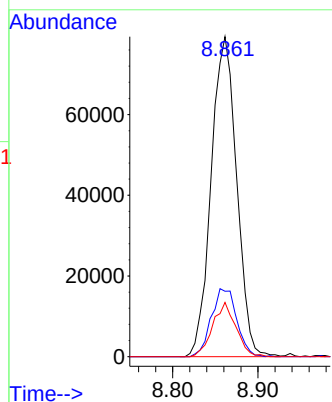
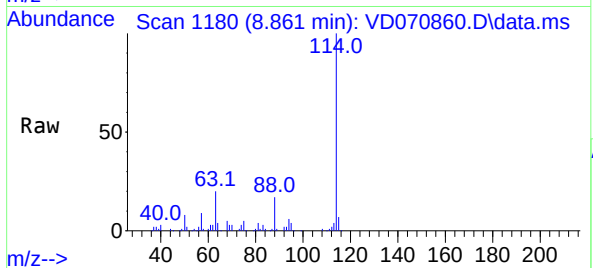


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070860.D
Acq: 27 Oct 2021 13:26

Instrument :
MSVOA_D
ClientSampleId :
ETGI-282RE

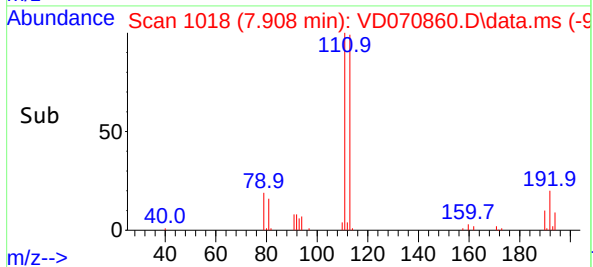
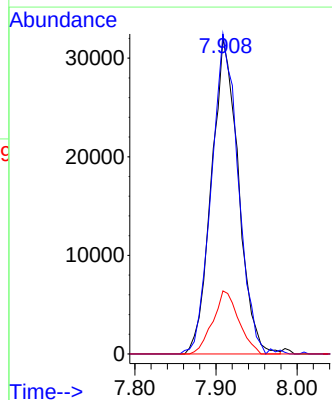
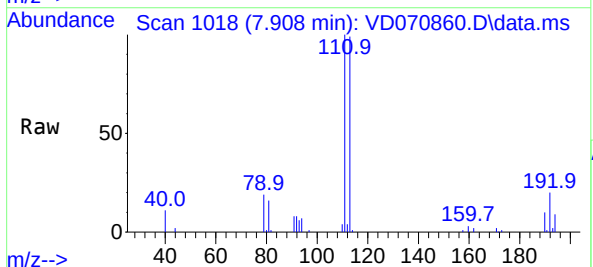
Tgt Ion:114 Resp: 164908
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.8
88 17.0 0.0 32.8

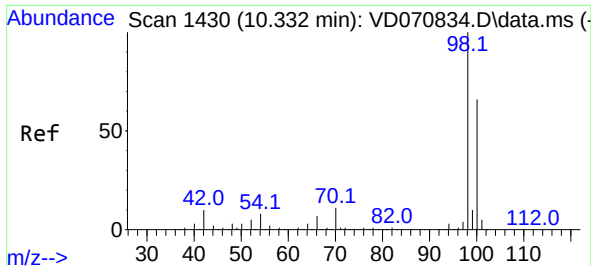


#35

Dibromofluoromethane
Concen: 67.822 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070860.D
Acq: 27 Oct 2021 13:26

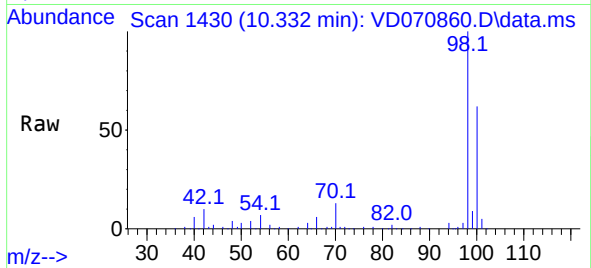
Tgt Ion:113 Resp: 73744
Ion Ratio Lower Upper
113 100
111 100.9 82.0 123.0
192 19.2 15.2 22.8



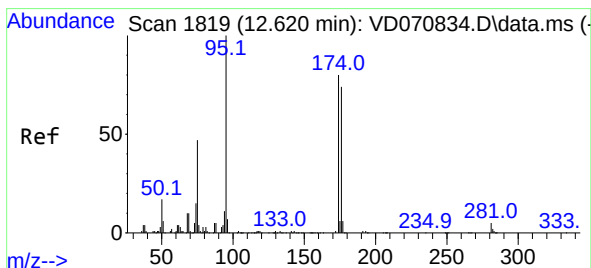
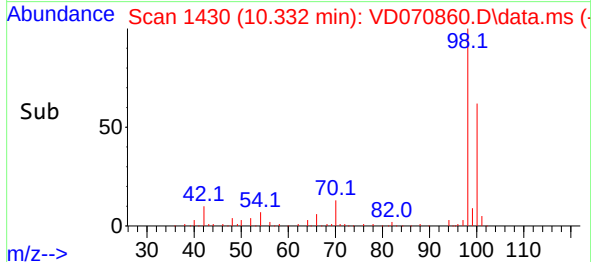
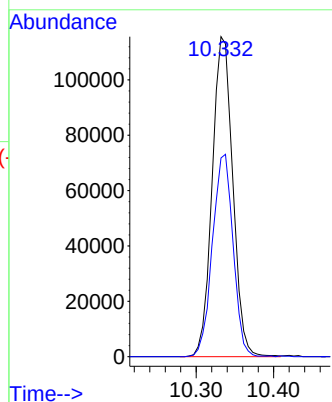


#50
Toluene-d8
Concen: 52.272 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070860.D
Acq: 27 Oct 2021 13:26

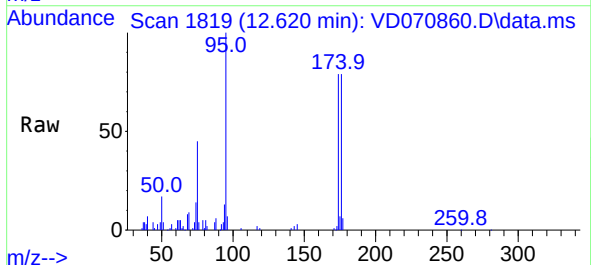
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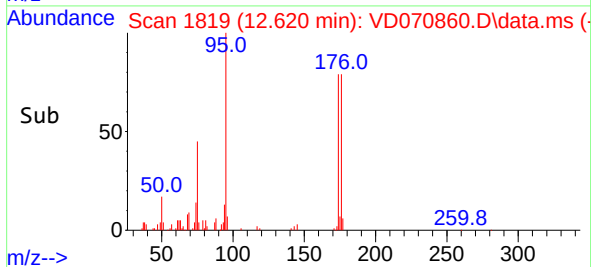
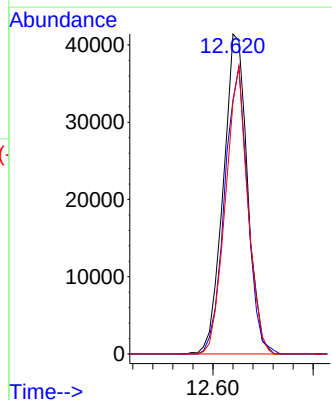
Tgt Ion: 98 Resp: 213829
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6

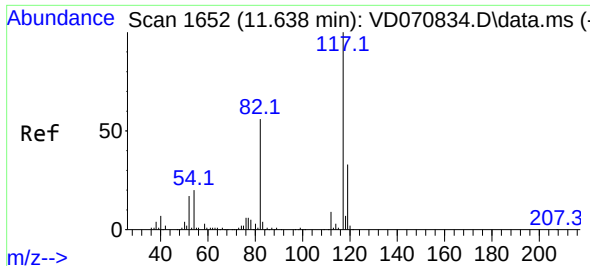


#62
4-Bromofluorobenzene
Concen: 51.189 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070860.D
Acq: 27 Oct 2021 13:26



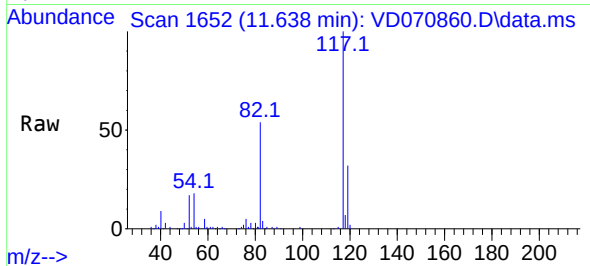
Tgt Ion: 95 Resp: 69090
Ion Ratio Lower Upper
95 100
174 85.7 0.0 159.4
176 83.1 0.0 154.0



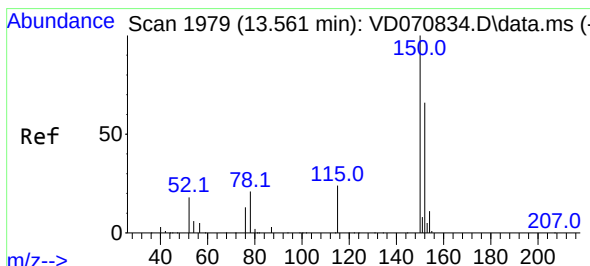
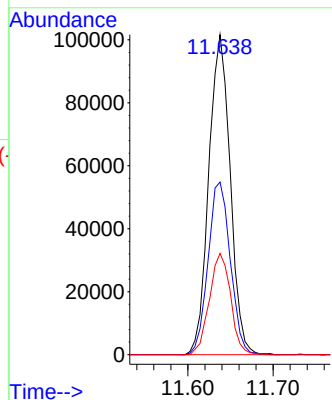
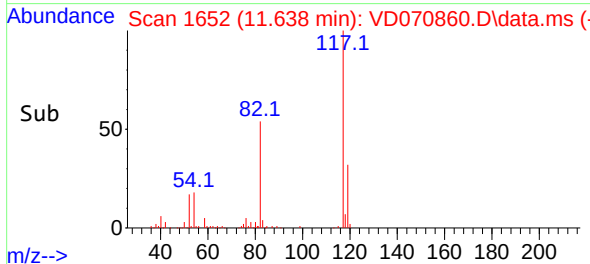


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070860.D
Acq: 27 Oct 2021 13:26

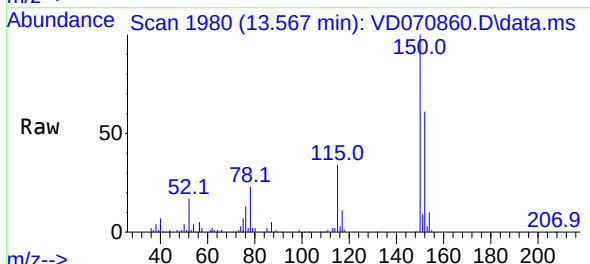
Instrument :
MSVOA_D
ClientSampleId :
ETGI-282RE



Tgt Ion:117 Resp: 177885
Ion Ratio Lower Upper
117 100
82 53.9 44.7 67.1
119 31.7 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: VD070860.D
Acq: 27 Oct 2021 13:26



Tgt Ion:152 Resp: 77157
Ion Ratio Lower Upper
152 100
115 60.5 29.8 89.3
150 161.9 0.0 349.2

