

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070640.D
 Acq On : 08 Oct 2021 15:50
 Operator : VA/SY
 Sample : M3990-08
 Misc : 7.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-845-R-SO-2-2.5-092921

Quant Time: Oct 11 02:23:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

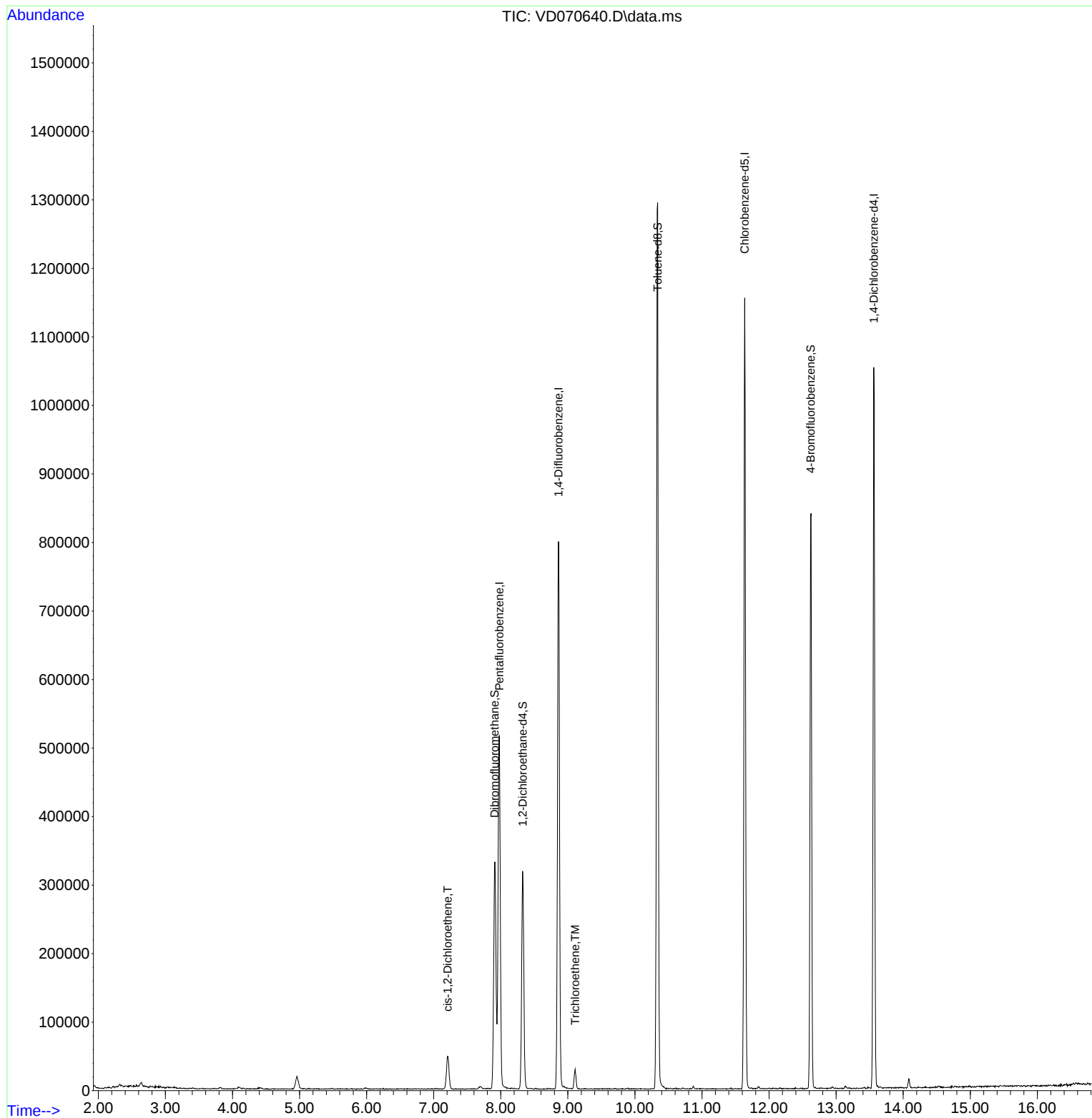
Internal Standards						
1) Pentafluorobenzene	7.979	168	373616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	719484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	684270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250700	57.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.040%
35) Dibromofluoromethane	7.908	113	249921	52.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.500%
50) Toluene-d8	10.338	98	921679	50.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.620	95	285446	46.703	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.400%
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.208	96	32717	6.037	ug/l	84
44) Trichloroethene	9.108	130	10165	1.830	ug/l	93

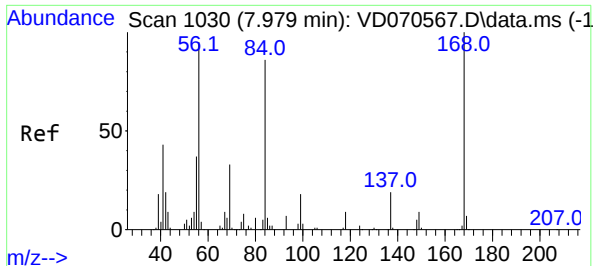
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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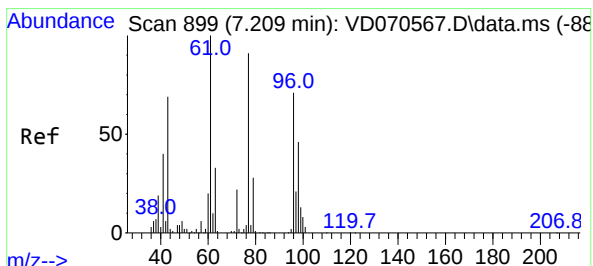
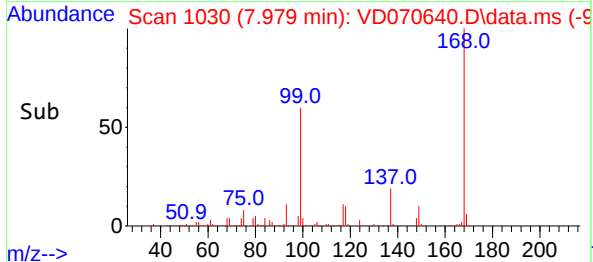
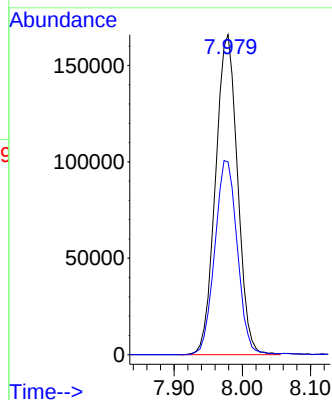
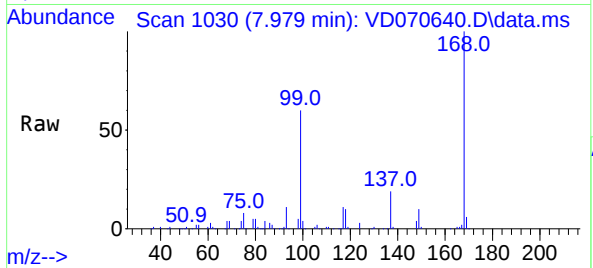




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50

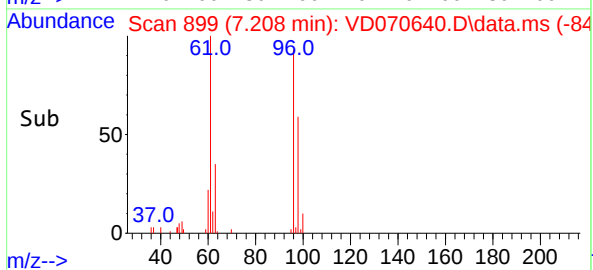
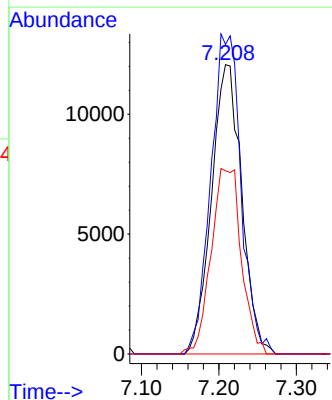
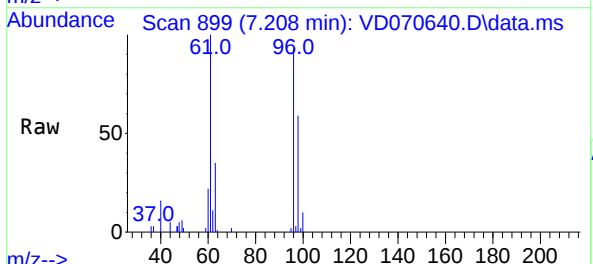
Instrument :
MSVOA_D
ClientSampleId :
S-845-R-SO-2-2.5-092921

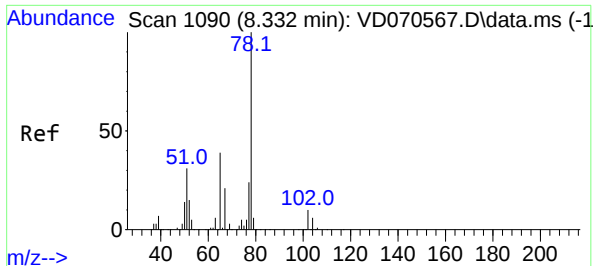
Tgt Ion:168 Resp: 373616
Ion Ratio Lower Upper
168 100
99 60.3 51.4 77.0



#27
cis-1,2-Dichloroethene
Concen: 6.037 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50

Tgt Ion: 96 Resp: 32717
Ion Ratio Lower Upper
96 100
61 110.6 0.0 278.2
98 64.1 0.0 128.6



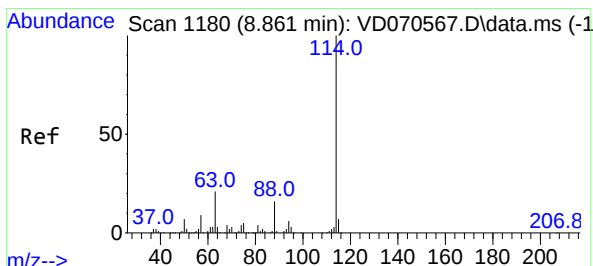
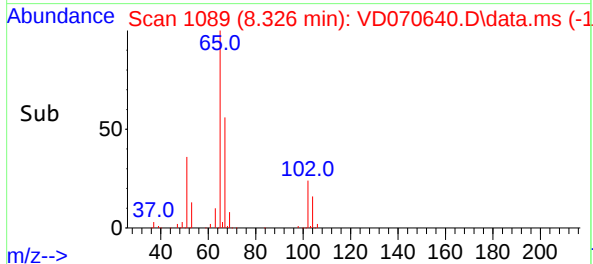
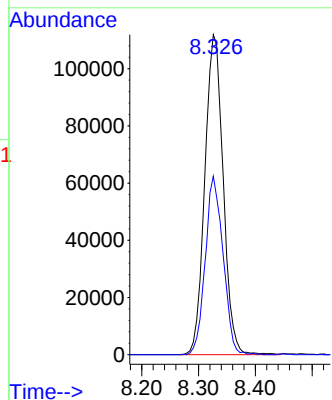
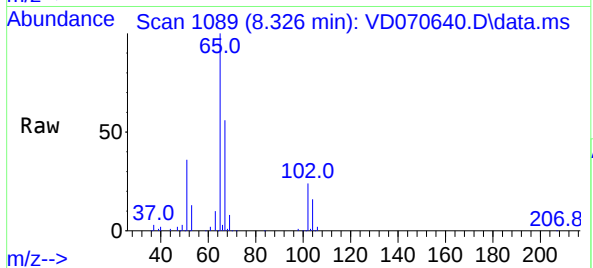


#33

1,2-Dichloroethane-d4
Concen: 57.017 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50

Instrument :
MSVOA_D
ClientSampleId :
S-845-R-SO-2-2.5-092921

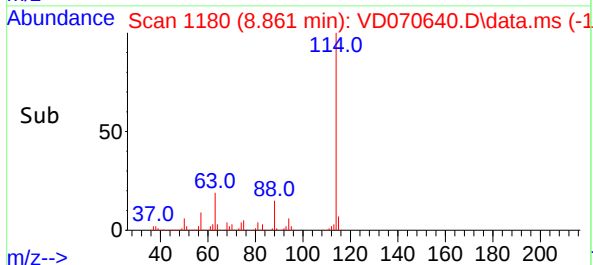
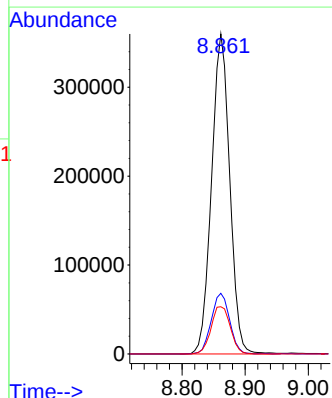
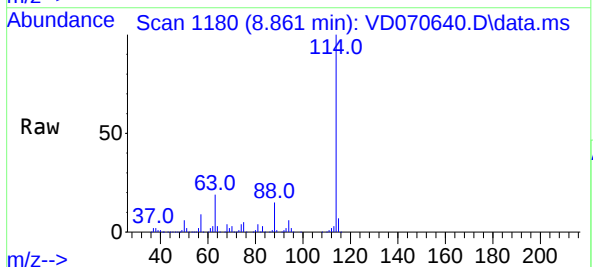
Tgt Ion: 65 Resp: 250700
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2

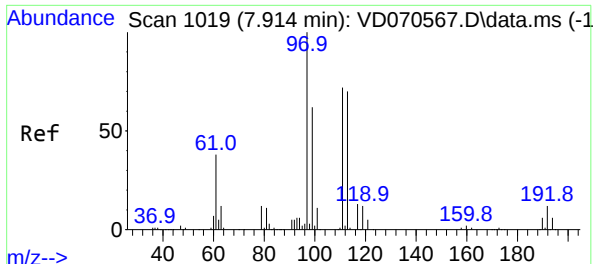


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50

Tgt Ion: 114 Resp: 719484
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.8
88 14.7 0.0 32.6



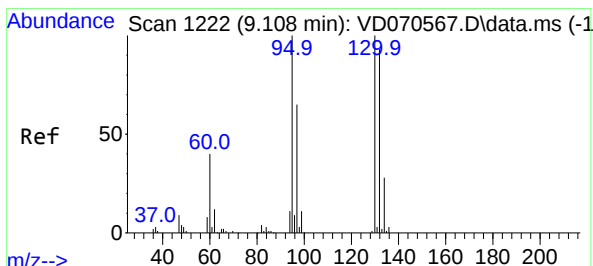
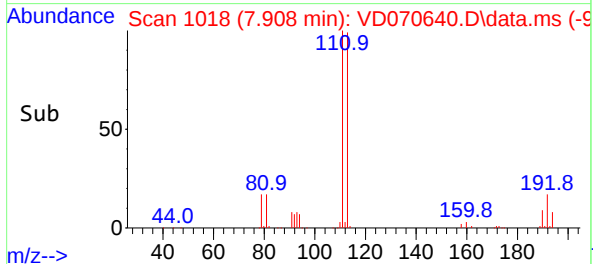
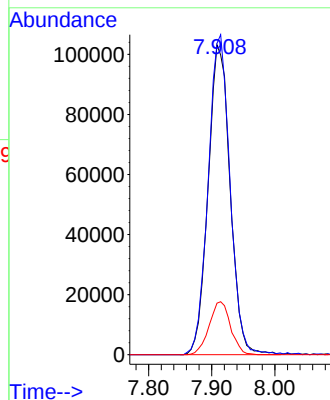
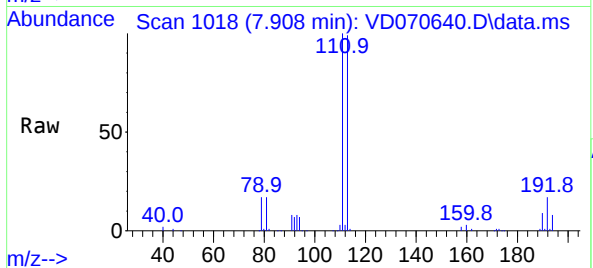


#35

Dibromofluoromethane
Concen: 52.246 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50

Instrument :
MSVOA_D
ClientSampleId :
S-845-R-SO-2-2.5-092921

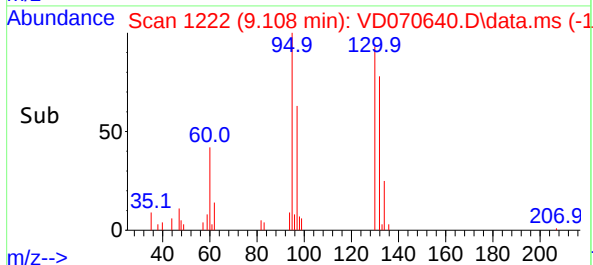
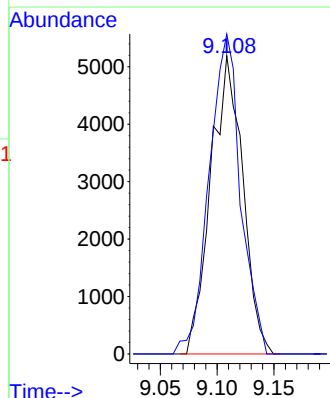
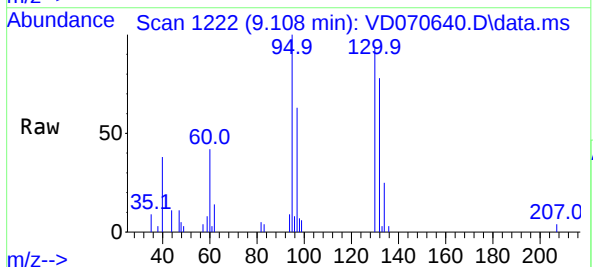
Tgt Ion:113 Resp: 249921
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.6 12.7 19.1

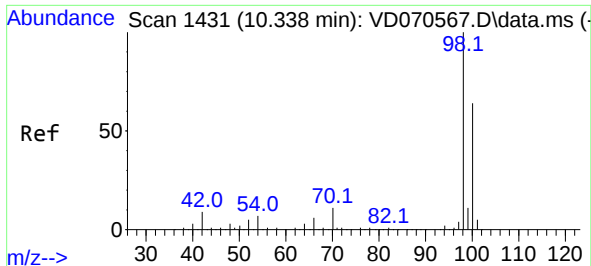


#44

Trichloroethene
Concen: 1.830 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50

Tgt Ion:130 Resp: 10165
Ion Ratio Lower Upper
130 100
95 107.3 0.0 200.8

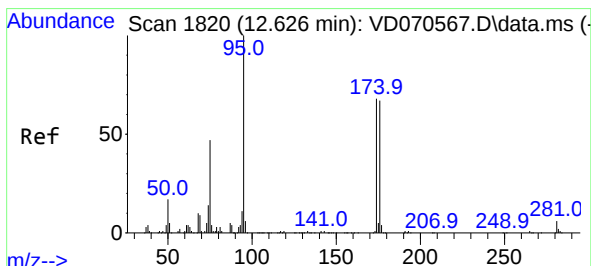
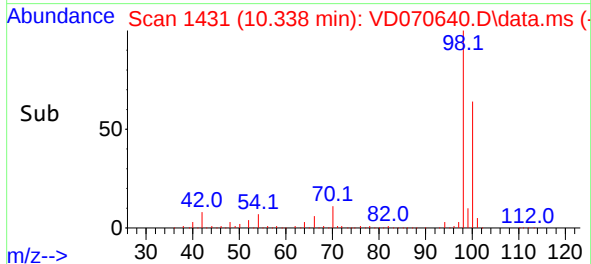
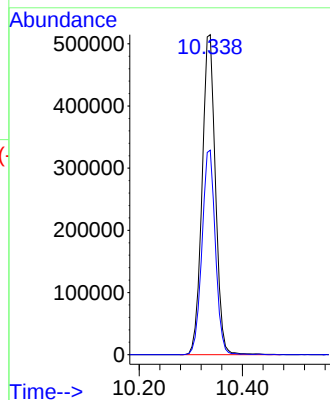
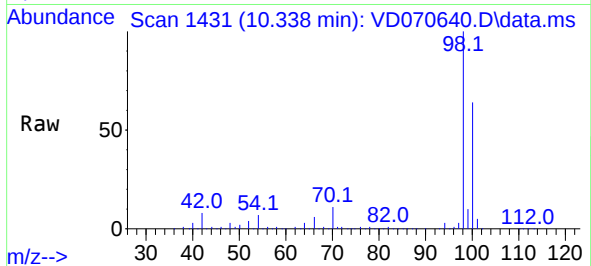




#50
Toluene-d8
Concen: 50.401 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50

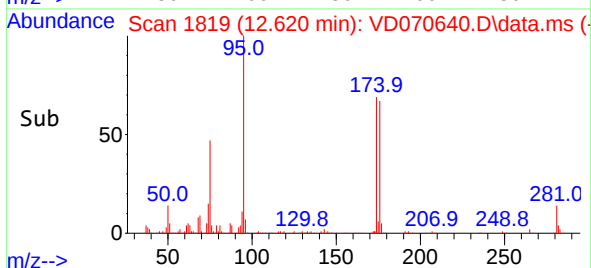
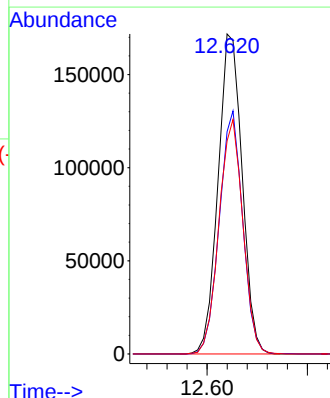
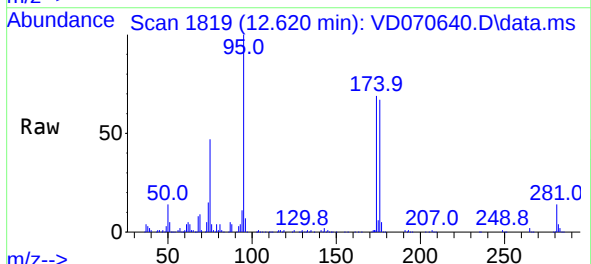
Instrument :
MSVOA_D
ClientSampleId :
S-845-R-SO-2-2.5-092921

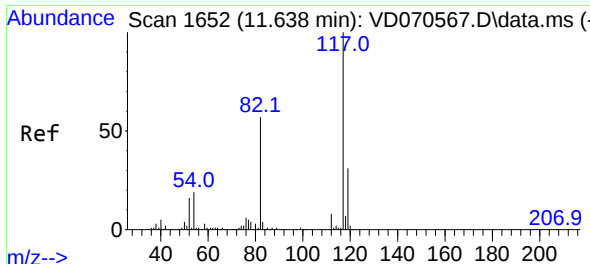
Tgt Ion: 98 Resp: 921679
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.703 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50

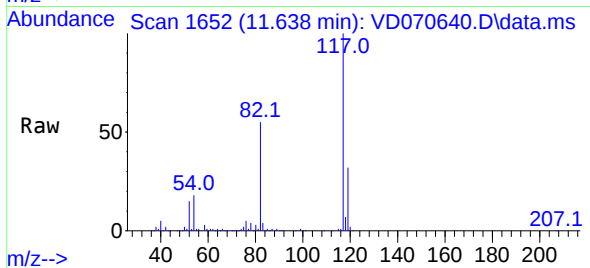
Tgt Ion: 95 Resp: 285446
Ion Ratio Lower Upper
95 100
174 73.7 0.0 138.0
176 72.8 0.0 135.6



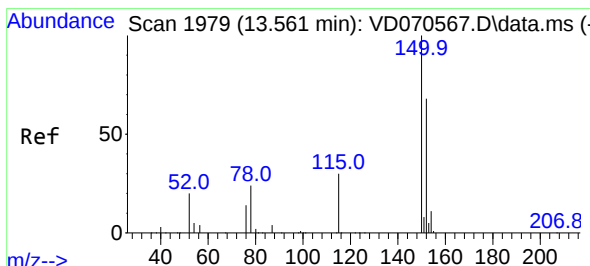
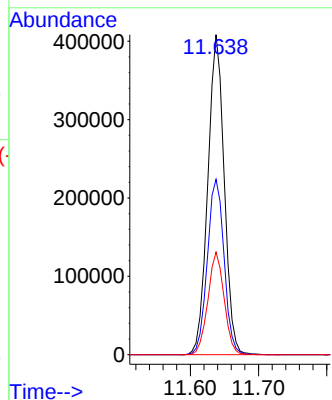
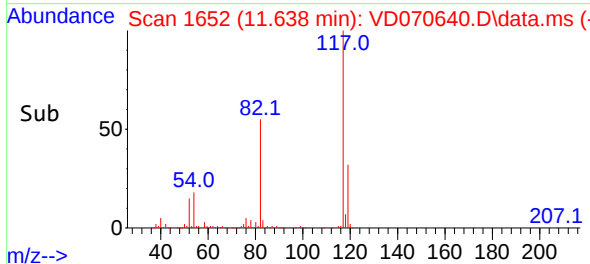


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50

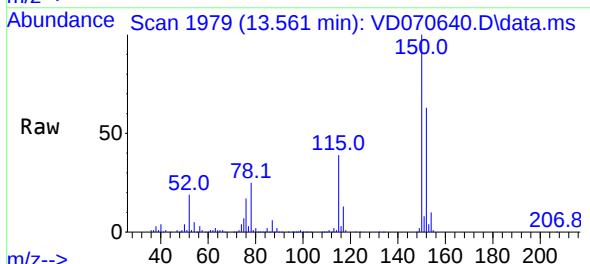
Instrument :
MSVOA_D
ClientSampleId :
S-845-R-SO-2-2.5-092921



Tgt Ion:117 Resp: 684270
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.2
119 32.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070640.D
Acq: 08 Oct 2021 15:50



Tgt Ion:152 Resp: 285160
Ion Ratio Lower Upper
152 100
115 61.8 31.9 95.7
150 156.2 0.0 350.0

