

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070647.D
 Acq On : 08 Oct 2021 19:09
 Operator : VA/SY
 Sample : M4020-03
 Misc : 5.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-844-R-SO-6-6.5-093021

Quant Time: Oct 11 02:25:03 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)

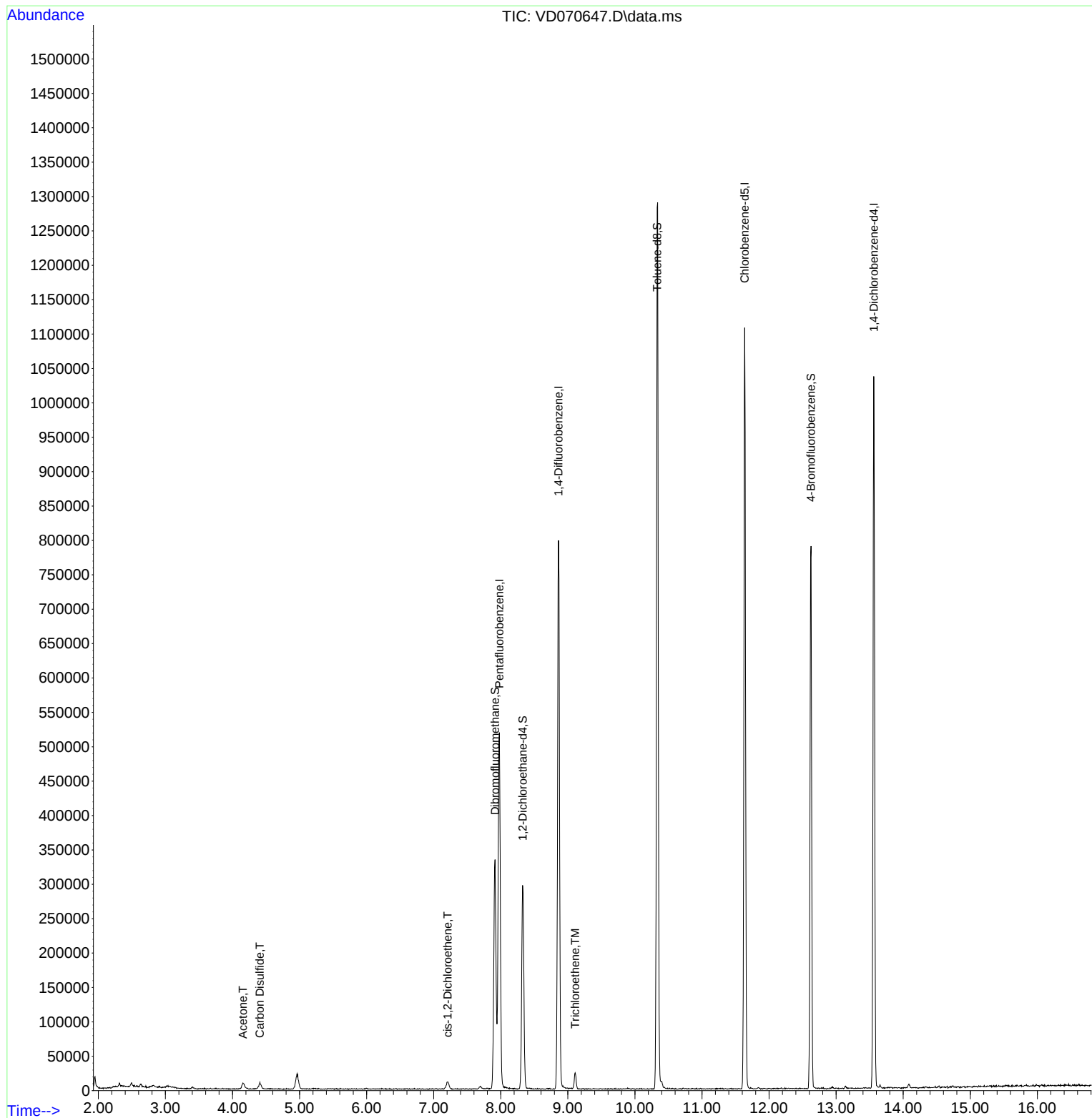
Internal Standards						
1) Pentafluorobenzene	7.979	168	373244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	715642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	671330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237167	53.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.980%	
35) Dibromofluoromethane	7.914	113	247277	51.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.332	98	915727	50.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.626	95	281882	46.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.740%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	15719	21.073	ug/l #	84
17) Carbon Disulfide	4.409	76	18008	1.126	ug/l #	90
27) cis-1,2-Dichloroethene	7.208	96	6730	1.243	ug/l	78
44) Trichloroethene	9.108	130	8631	1.562	ug/l	83

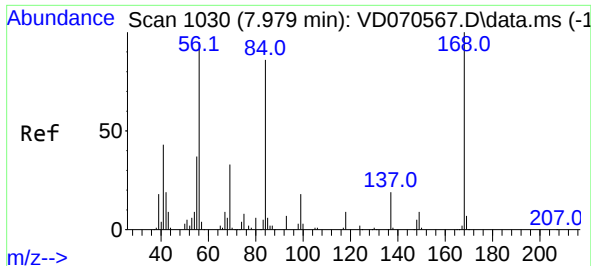
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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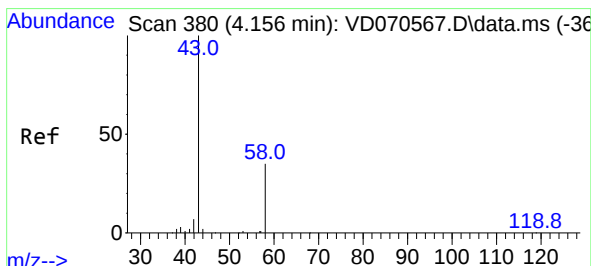
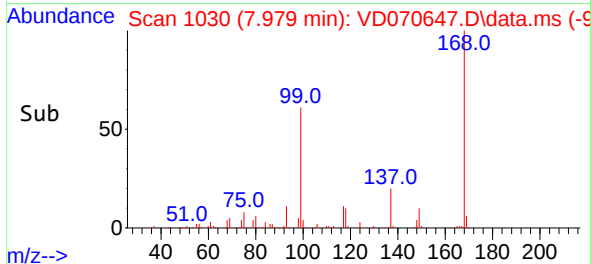
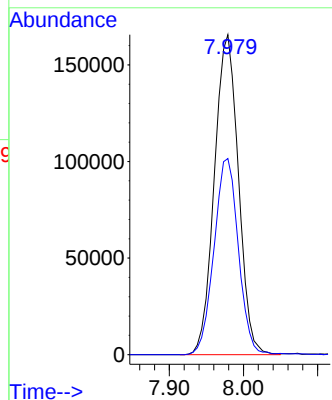
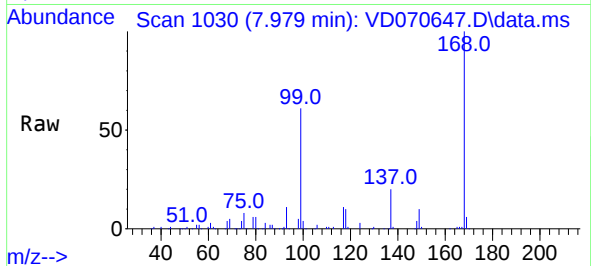




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

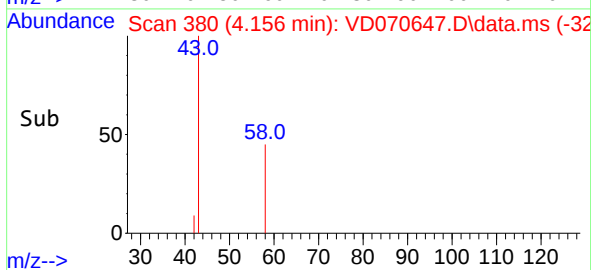
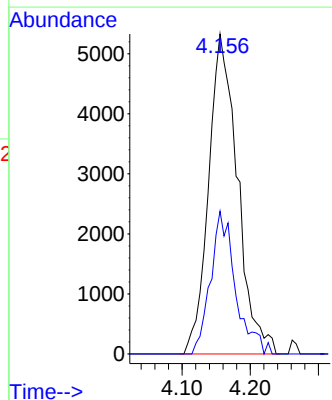
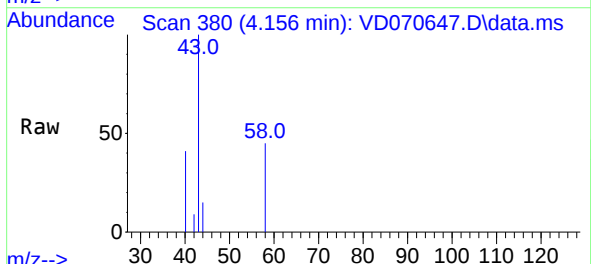
Instrument :
MSVOA_D
ClientSampleId :
S-844-R-SO-6-6.5-093021

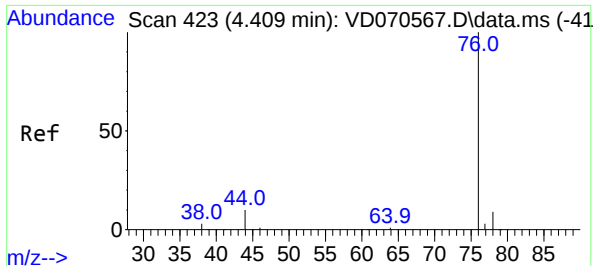
Tgt Ion:168 Resp: 373244
Ion Ratio Lower Upper
168 100
99 61.3 51.4 77.0



#16
Acetone
Concen: 21.073 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

Tgt Ion: 43 Resp: 15719
Ion Ratio Lower Upper
43 100
58 44.6 28.2 42.2#

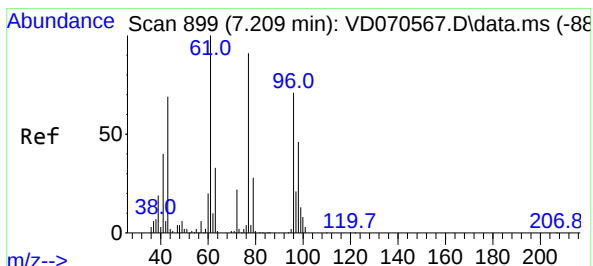
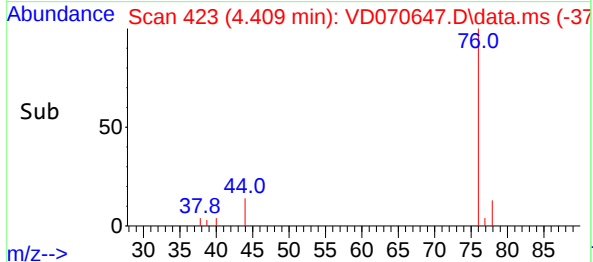
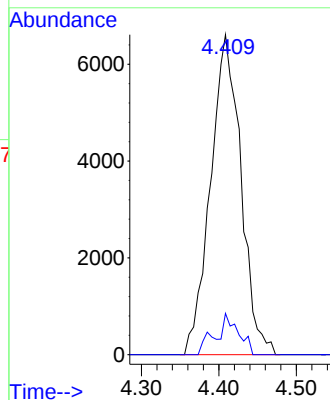
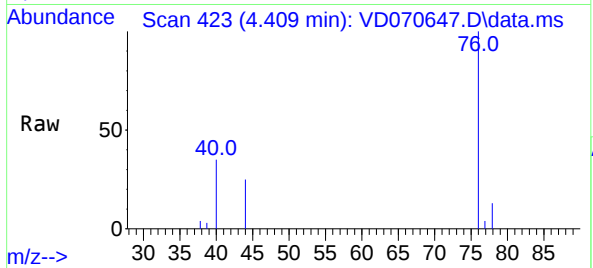




#17
Carbon Disulfide
Concen: 1.126 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

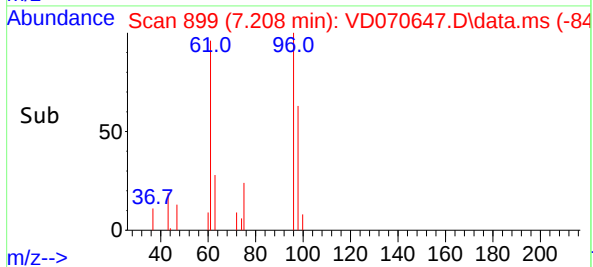
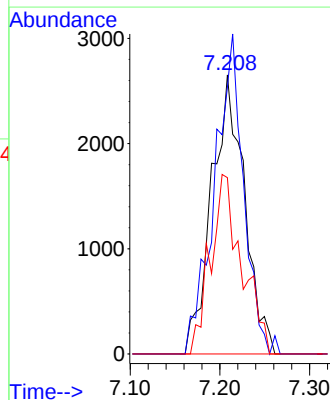
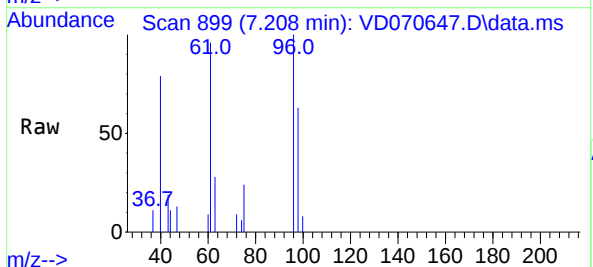
Instrument :
MSVOA_D
ClientSampleId :
S-844-R-SO-6-6.5-093021

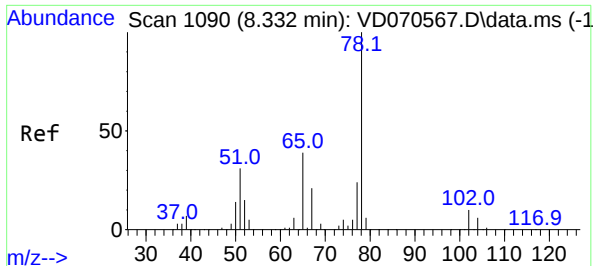
Tgt Ion: 76 Resp: 18008
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.2#



#27
cis-1,2-Dichloroethene
Concen: 1.243 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

Tgt Ion: 96 Resp: 6730
Ion Ratio Lower Upper
96 100
61 102.2 0.0 278.2
98 61.1 0.0 128.6

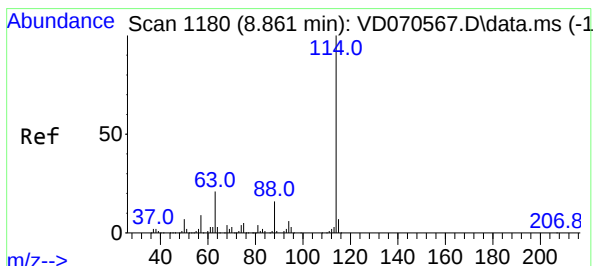
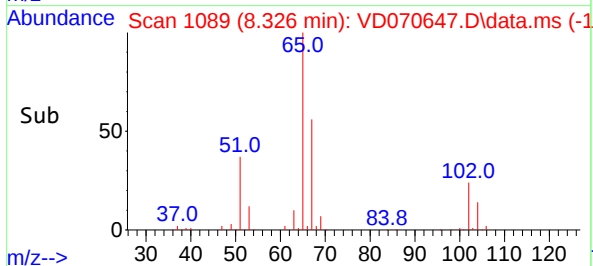
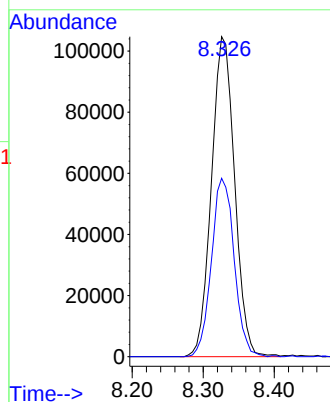
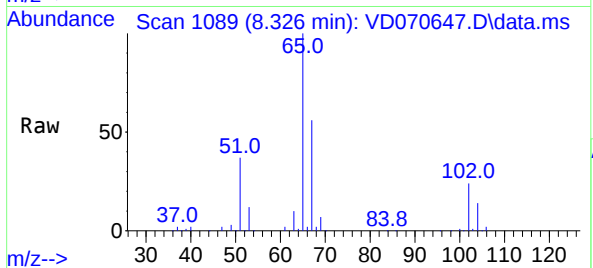




#33
1,2-Dichloroethane-d4
Concen: 53.993 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

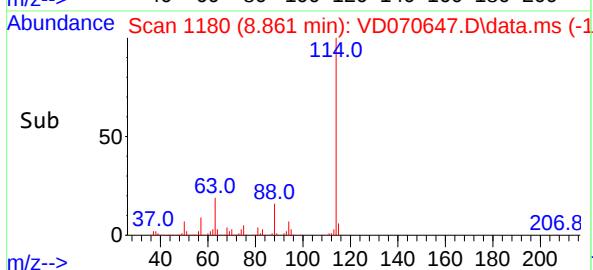
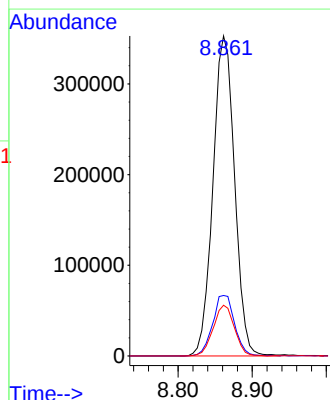
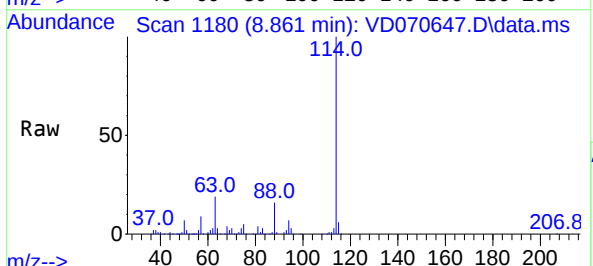
Instrument :
MSVOA_D
ClientSampleId :
S-844-R-SO-6-6.5-093021

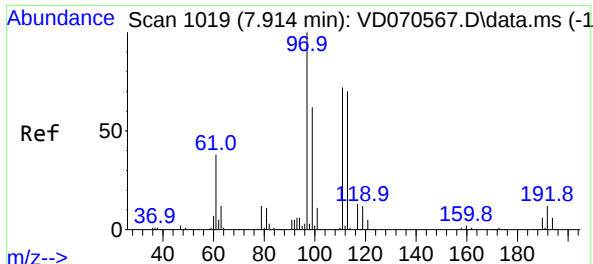
Tgt Ion: 65 Resp: 237167
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

Tgt Ion: 114 Resp: 715642
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.8
88 15.8 0.0 32.6

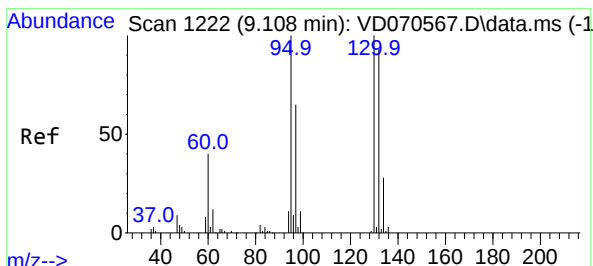
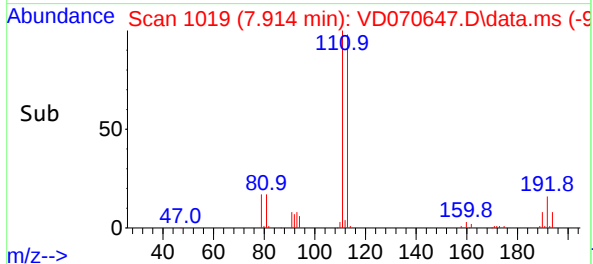
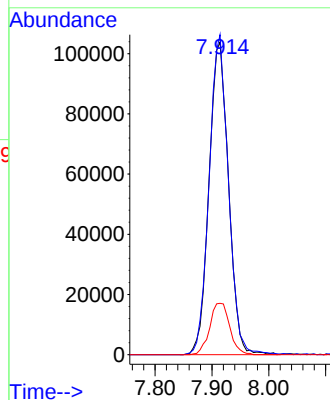
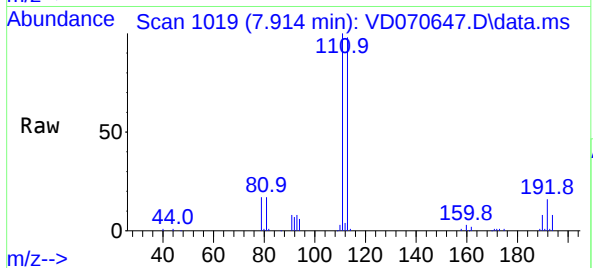




#35
Dibromofluoromethane
Concen: 51.971 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

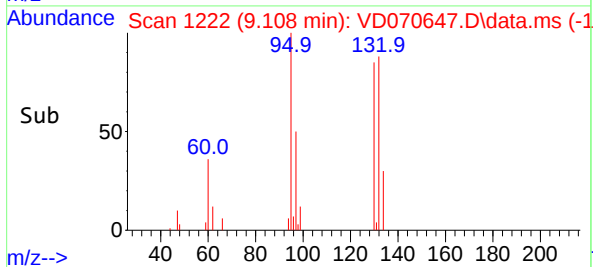
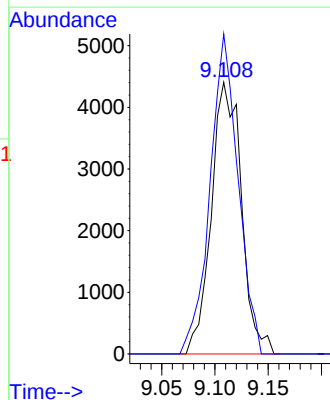
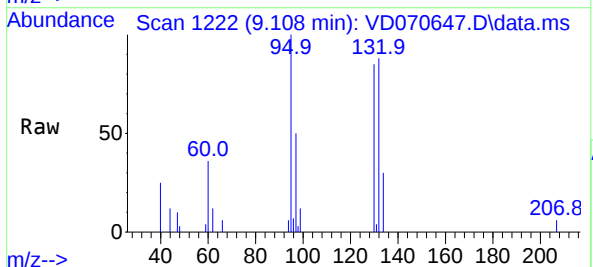
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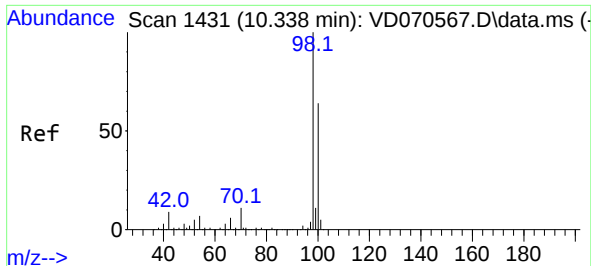
Tgt Ion:113 Resp: 247277
Ion Ratio Lower Upper
113 100
111 101.1 83.1 124.7
192 16.9 12.7 19.1



#44
Trichloroethene
Concen: 1.562 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

Tgt Ion:130 Resp: 8631
Ion Ratio Lower Upper
130 100
95 117.8 0.0 200.8

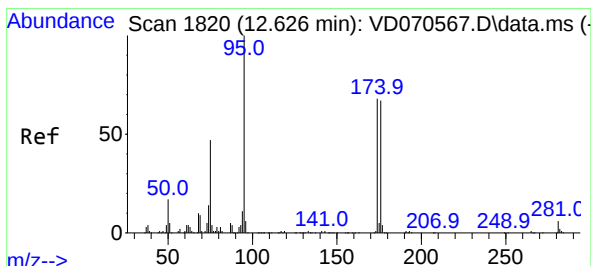
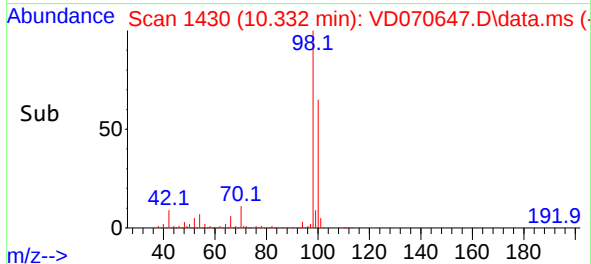
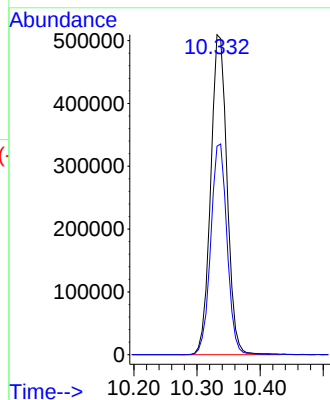
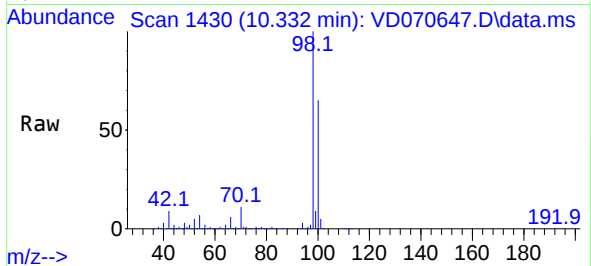




#50
Toluene-d8
Concen: 50.345 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

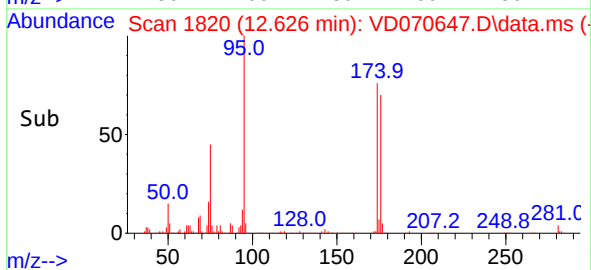
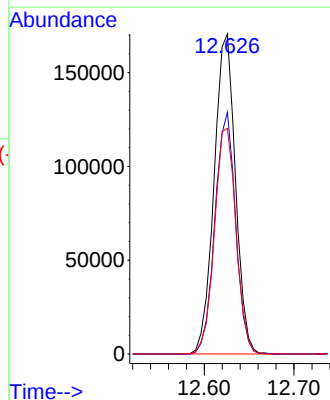
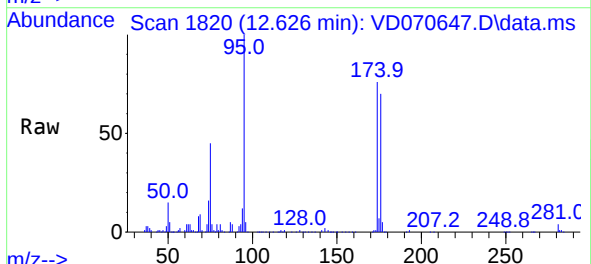
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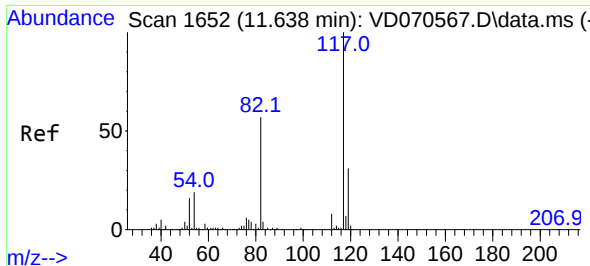
Tgt Ion: 98 Resp: 915727
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.368 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

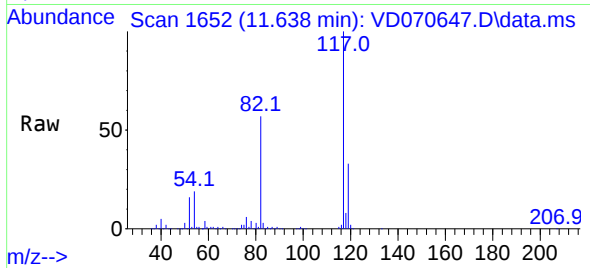
Tgt Ion: 95 Resp: 281882
Ion Ratio Lower Upper
95 100
174 73.0 0.0 138.0
176 70.9 0.0 135.6



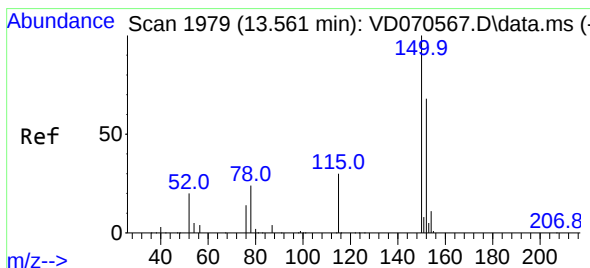
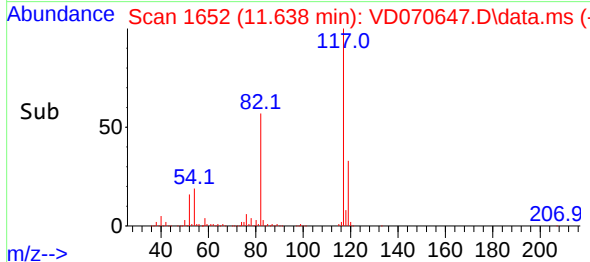
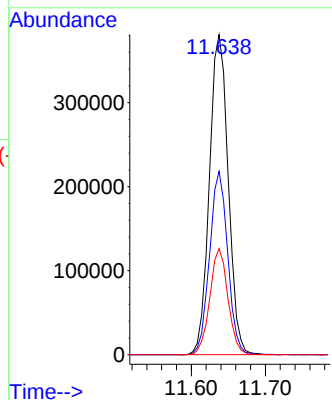


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070647.D
Acq: 08 Oct 2021 19:09

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 671330
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 33.1 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: VD070647.D
Acq: 08 Oct 2021 19:09

Tgt Ion:152 Resp: 278675
Ion Ratio Lower Upper
152 100
115 62.9 31.9 95.7
150 158.7 0.0 350.0

