

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070646.D
 Acq On : 08 Oct 2021 18:41
 Operator : VA/SY
 Sample : M3990-11
 Misc : 6.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-836-K1-SO-9-10-092921

Quant Time: Oct 11 02:24:46 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)

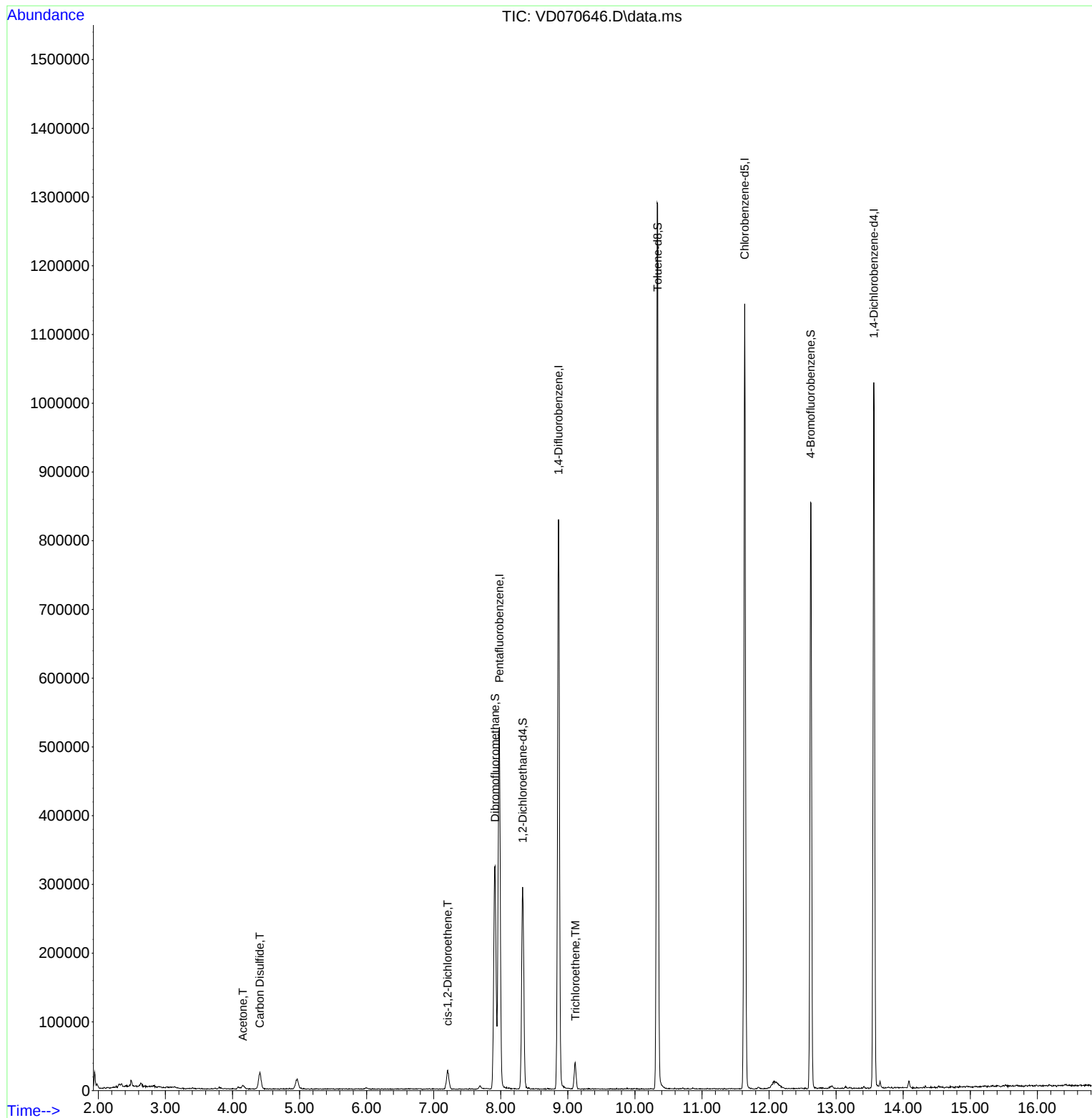
Internal Standards						
1) Pentafluorobenzene	7.979	168	378299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	719001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	675332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235670	52.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.880%	
35) Dibromofluoromethane	7.914	113	244602	51.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.340%	
50) Toluene-d8	10.338	98	921775	50.440	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.620	95	289481	47.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.800%	
Target Compounds						Qvalue
16) Acetone	4.156	43	8962	11.854	ug/l	93
17) Carbon Disulfide	4.408	76	51594	3.183	ug/l #	93
27) cis-1,2-Dichloroethene	7.208	96	16640	3.033	ug/l	88
44) Trichloroethene	9.114	130	13462	2.426	ug/l	99

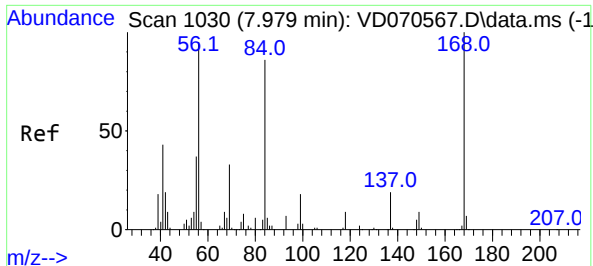
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

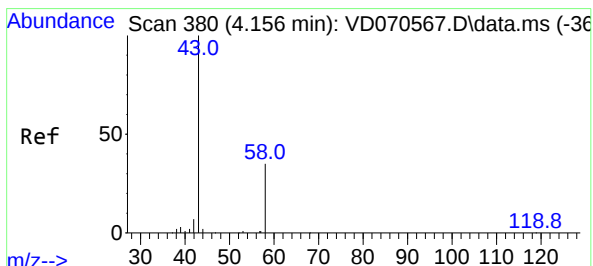
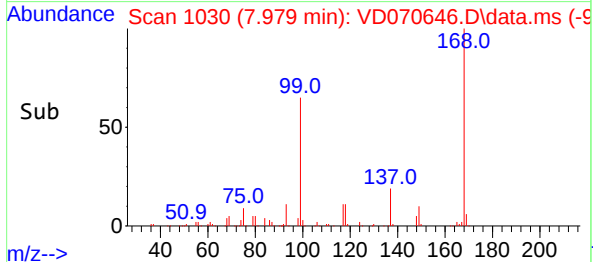
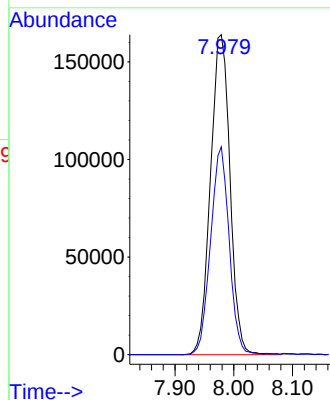
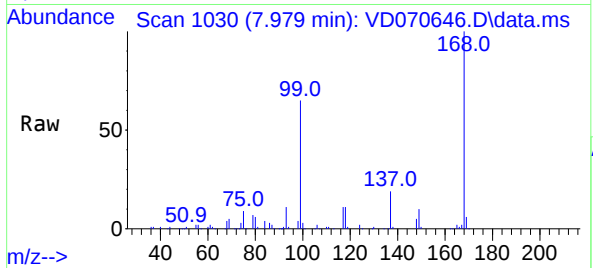




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

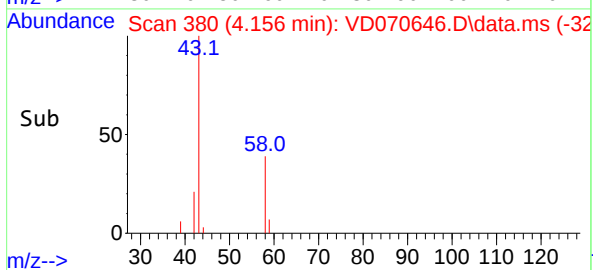
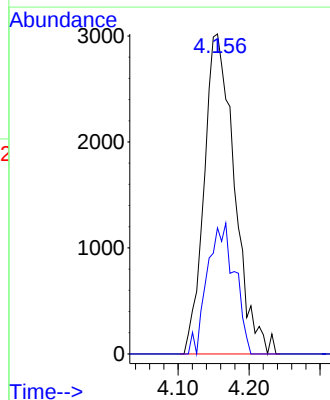
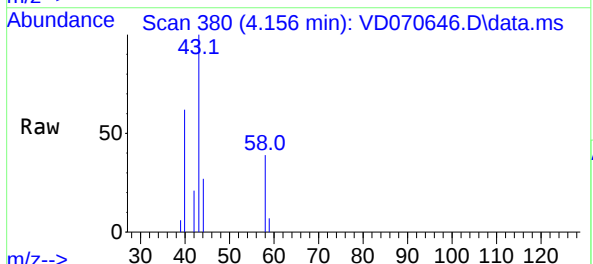
Instrument :
MSVOA_D
ClientSampleId :
S-836-K1-SO-9-10-092921

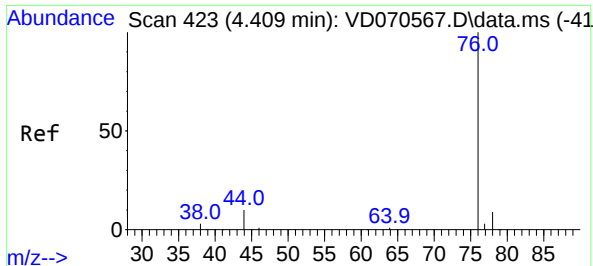
Tgt Ion:168 Resp: 378299
Ion Ratio Lower Upper
168 100
99 65.0 51.4 77.0



#16
Acetone
Concen: 11.854 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

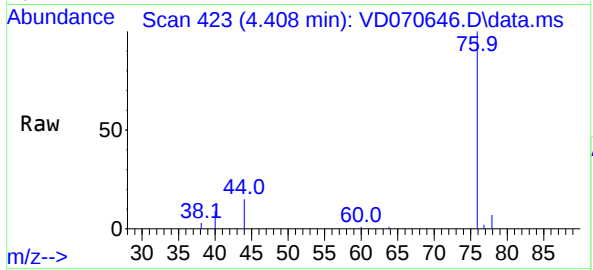
Tgt Ion: 43 Resp: 8962
Ion Ratio Lower Upper
43 100
58 39.4 28.2 42.2



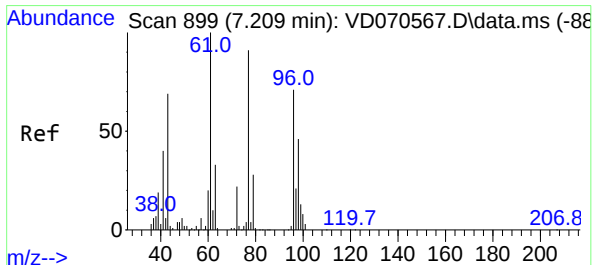
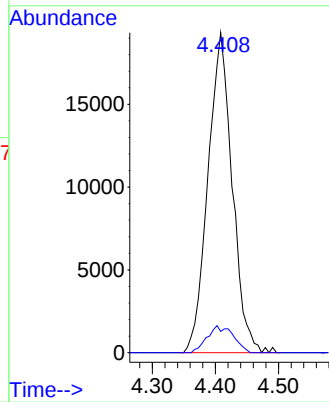
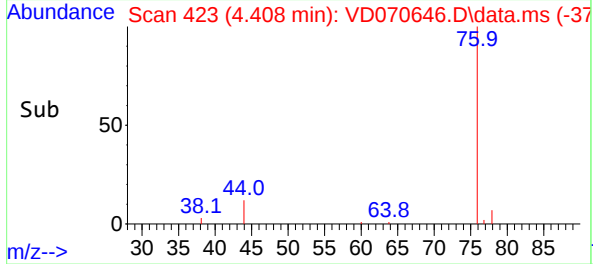


#17
Carbon Disulfide
Concen: 3.183 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

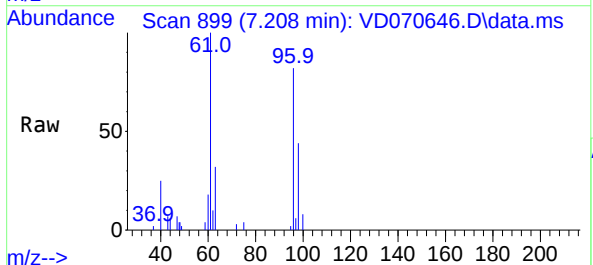
Instrument :
MSVOA_D
ClientSampleId :
S-836-K1-SO-9-10-092921



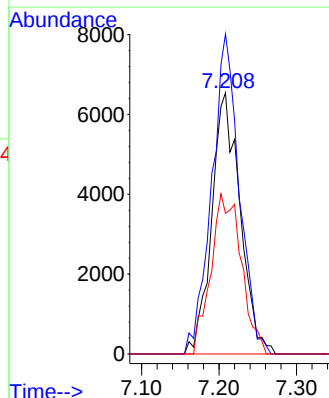
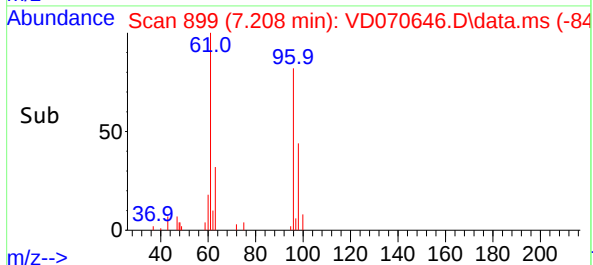
Tgt Ion: 76 Resp: 51594
Ion Ratio Lower Upper
76 100
78 6.6 7.4 11.2#

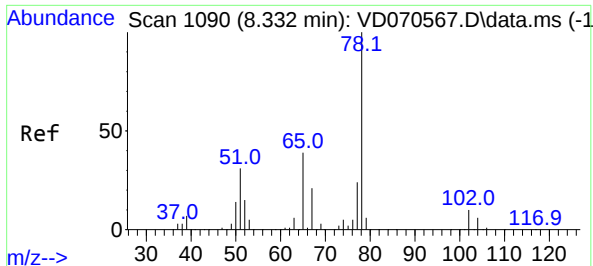


#27
cis-1,2-Dichloroethene
Concen: 3.033 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41



Tgt Ion: 96 Resp: 16640
Ion Ratio Lower Upper
96 100
61 119.5 0.0 278.2
98 65.8 0.0 128.6

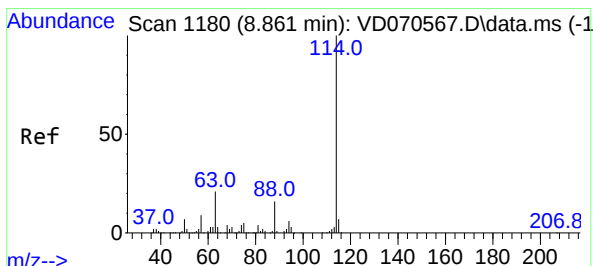
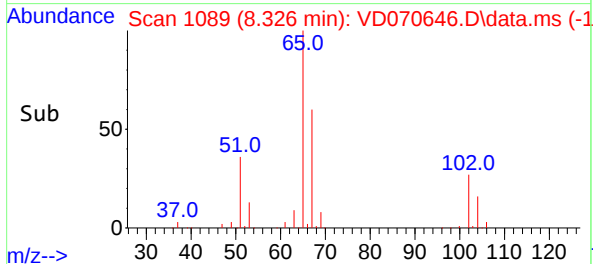
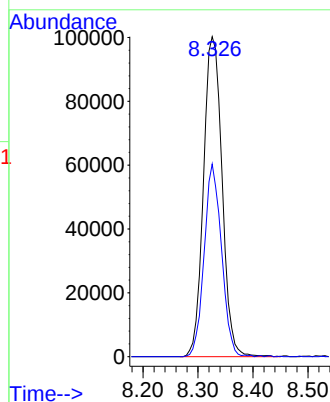
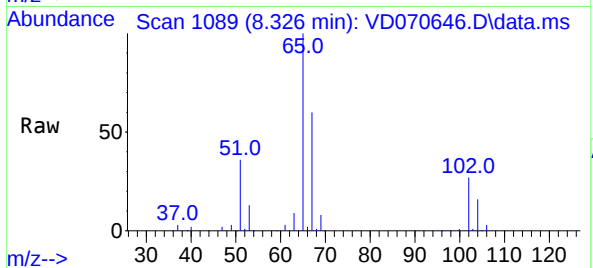




#33
1,2-Dichloroethane-d4
Concen: 52.935 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

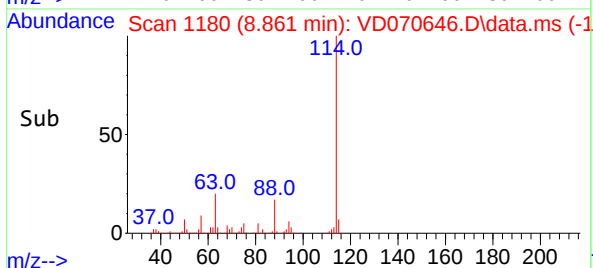
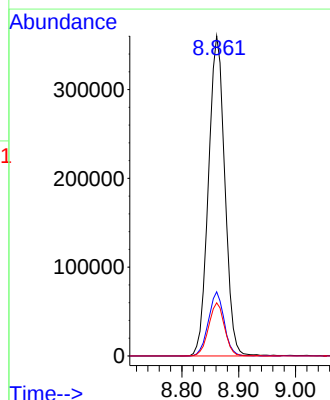
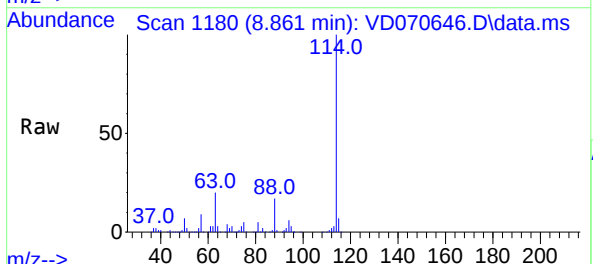
Instrument :
MSVOA_D
ClientSampleId :
S-836-K1-SO-9-10-092921

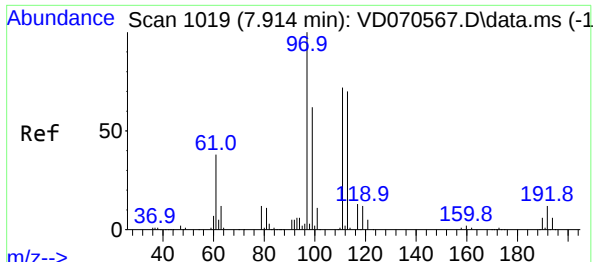
Tgt Ion: 65 Resp: 235670
Ion Ratio Lower Upper
65 100
67 56.1 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

Tgt Ion: 114 Resp: 719001
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.8
88 16.6 0.0 32.6

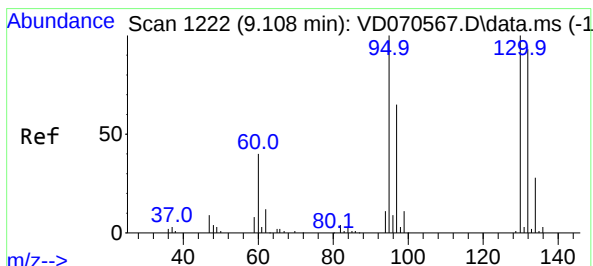
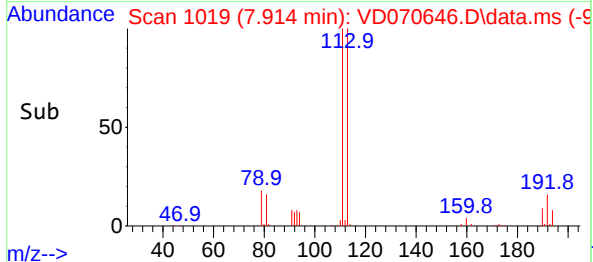
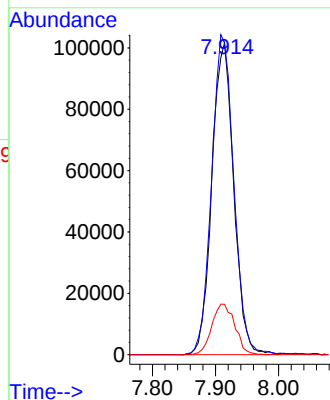
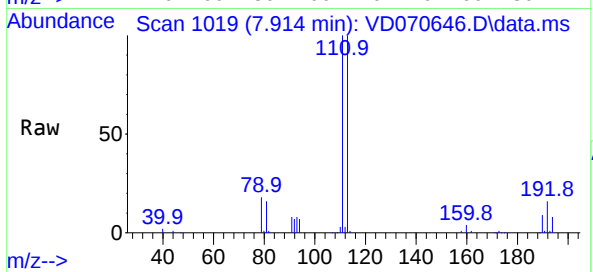




#35
Dibromofluoromethane
Concen: 51.168 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

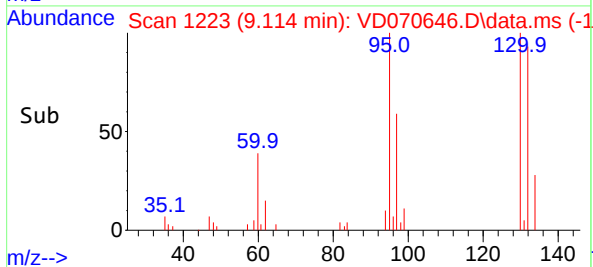
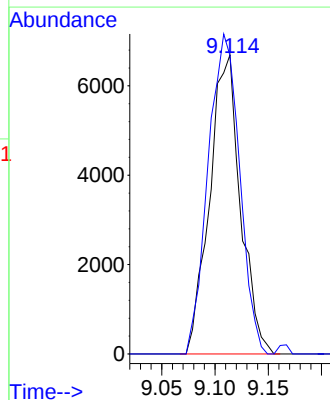
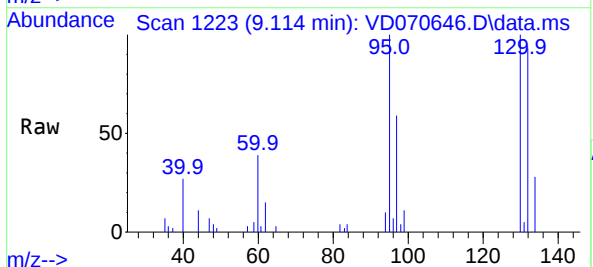
Instrument :
MSVOA_D
ClientSampleId :
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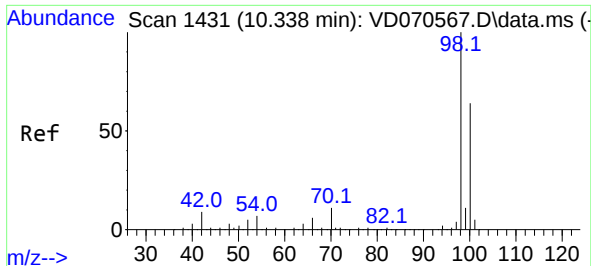
Tgt Ion:113 Resp: 244602
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 17.1 12.7 19.1



#44
Trichloroethene
Concen: 2.426 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

Tgt Ion:130 Resp: 13462
Ion Ratio Lower Upper
130 100
95 99.8 0.0 200.8

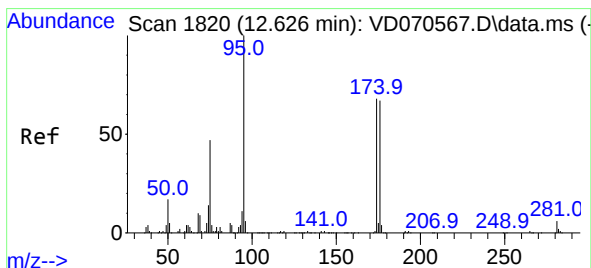
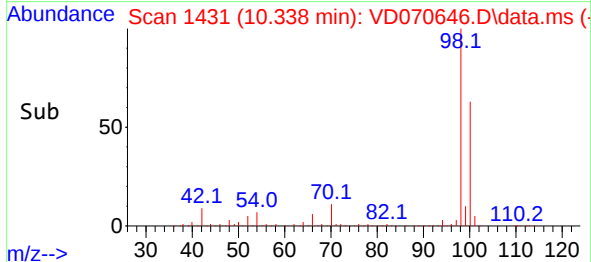
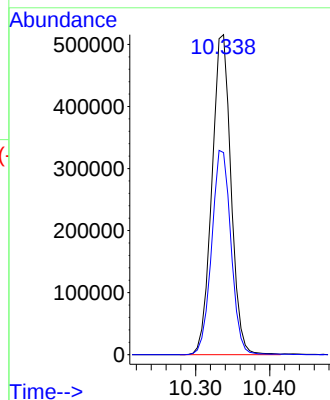
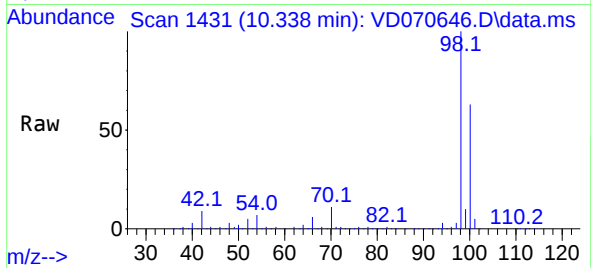




#50
Toluene-d8
Concen: 50.440 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

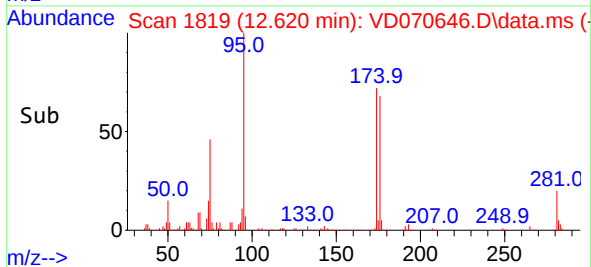
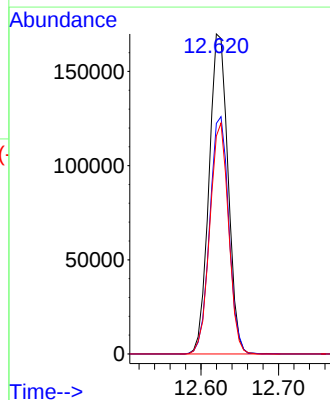
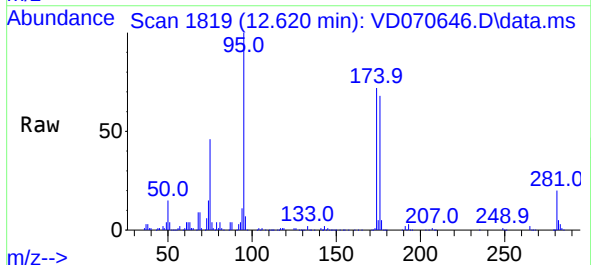
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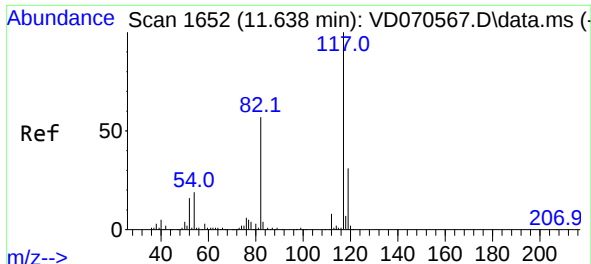
Tgt Ion: 98 Resp: 921775
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

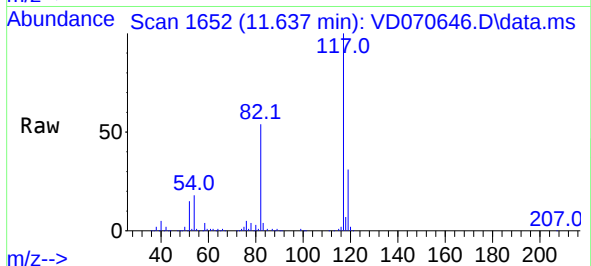
Tgt Ion: 95 Resp: 289481
Ion Ratio Lower Upper
95 100
174 74.1 0.0 138.0
176 70.6 0.0 135.6



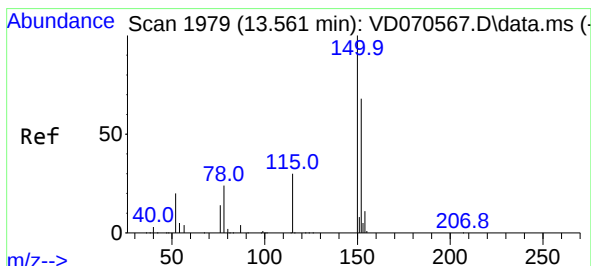
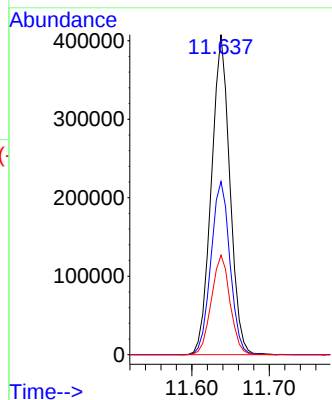
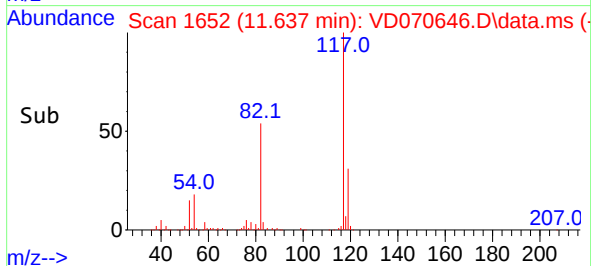


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070646.D
Acq: 08 Oct 2021 18:41

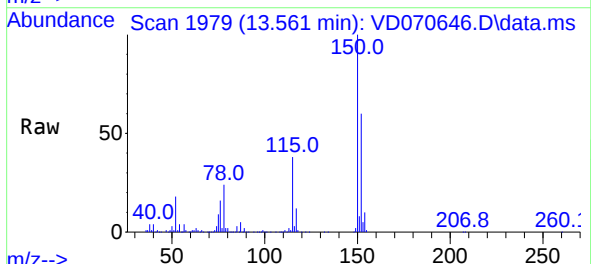
Instrument :
MSVOA_D
ClientSampleId :
S-836-K1-SO-9-10-092921



Tgt Ion:117 Resp: 675332
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.2
119 31.1 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: VD070646.D
Acq: 08 Oct 2021 18:41



Tgt Ion:152 Resp: 278277
Ion Ratio Lower Upper
152 100
115 63.3 31.9 95.7
150 162.1 0.0 350.0

