

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070645.D
 Acq On : 08 Oct 2021 18:12
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 11 02:24:31 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)

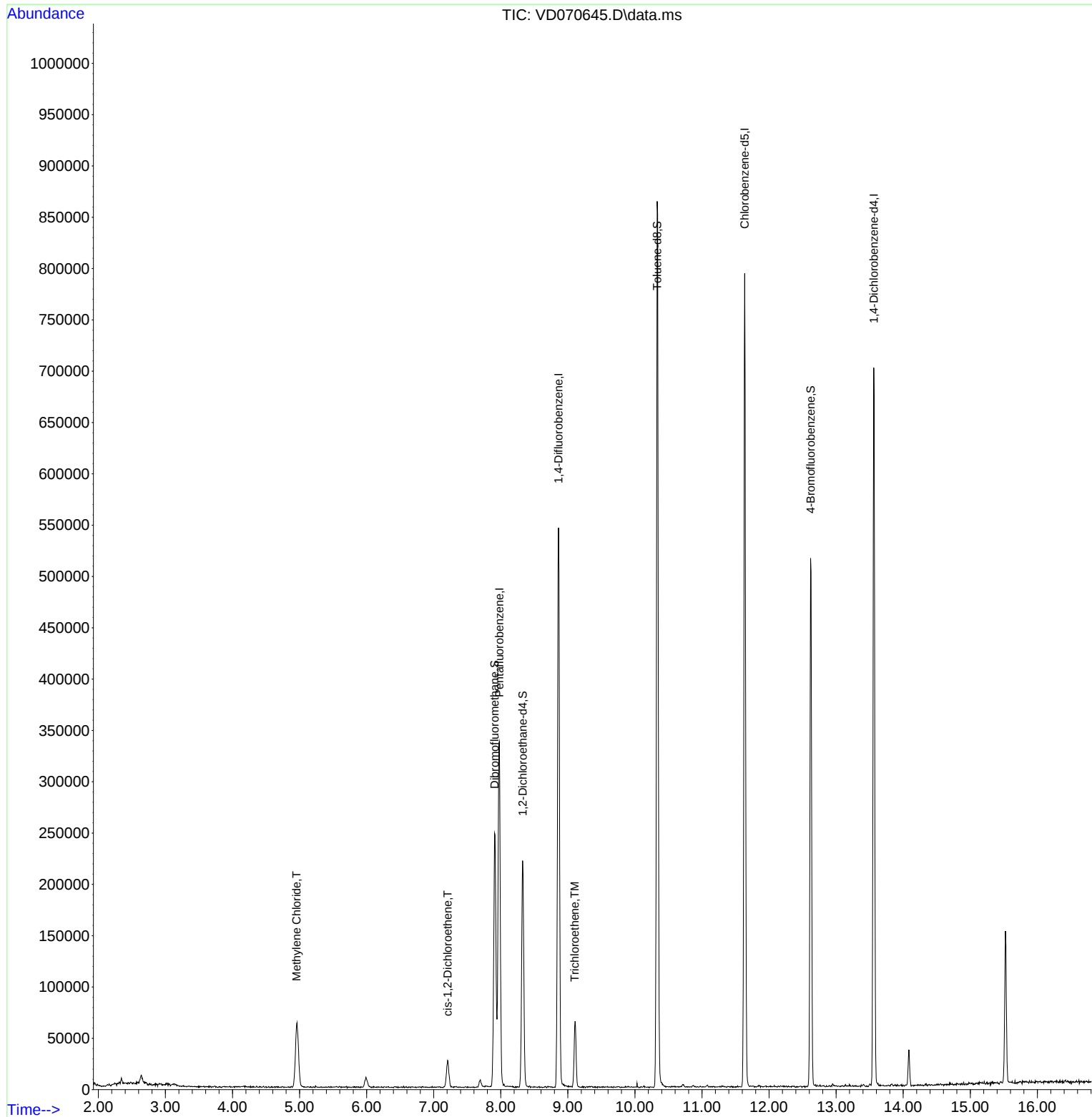
Internal Standards						
1) Pentafluorobenzene	7.979	168	243565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	485904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	473628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	191208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177143	61.799	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.600%		
35) Dibromofluoromethane	7.908	113	179841	55.668	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.340%		
50) Toluene-d8	10.332	98	602611	48.794	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 97.580%		
62) 4-Bromofluorobenzene	12.620	95	183583	44.476	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 88.960%		
Target Compounds						Qvalue
20) Methylene Chloride	4.956	84	53960	8.748	ug/l	89
27) cis-1,2-Dichloroethene	7.208	96	16495	4.669	ug/l	89
44) Trichloroethene	9.102	130	23423	6.245	ug/l	93

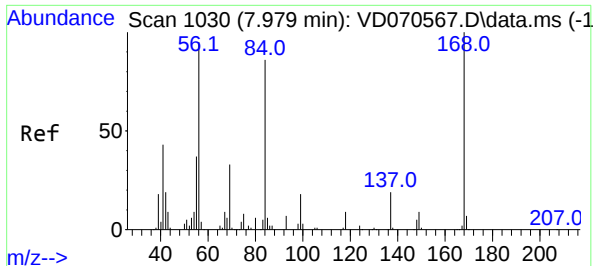
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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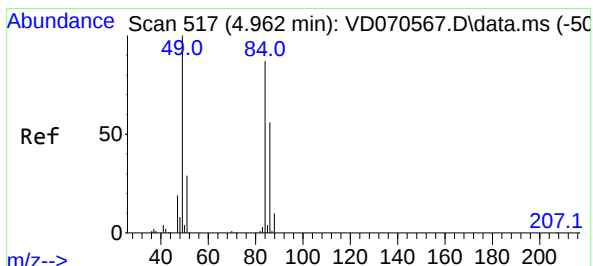
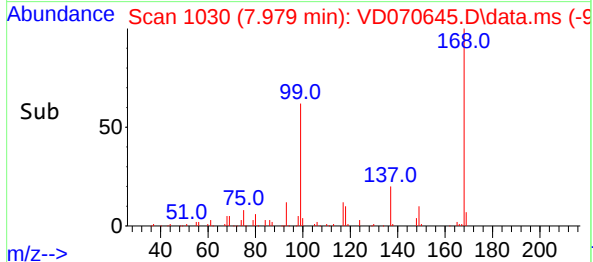
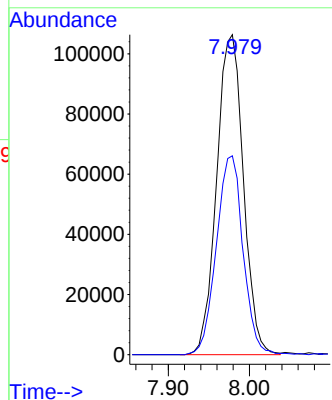
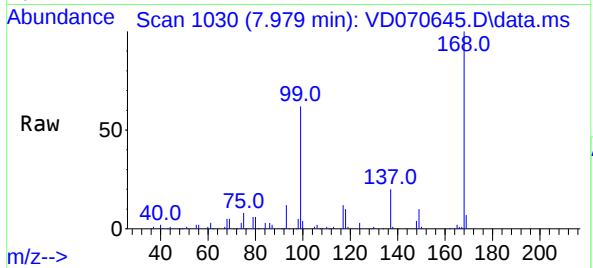




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

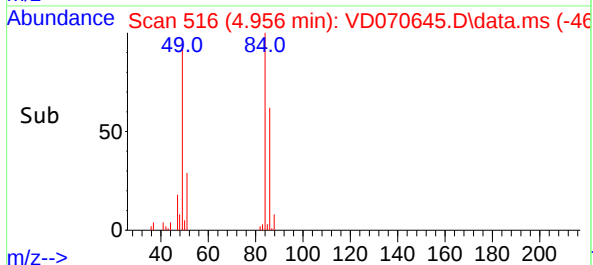
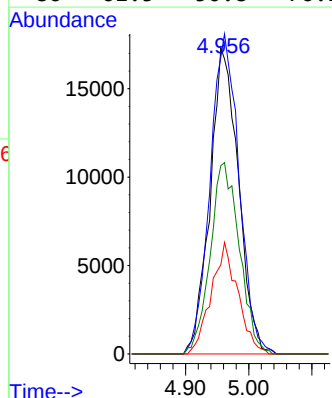
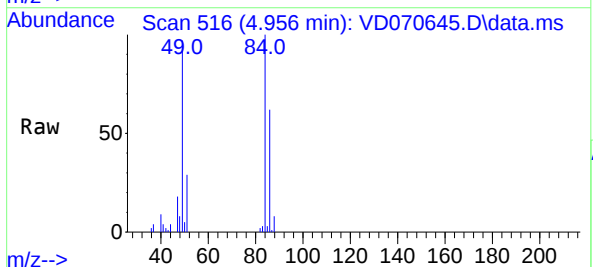
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

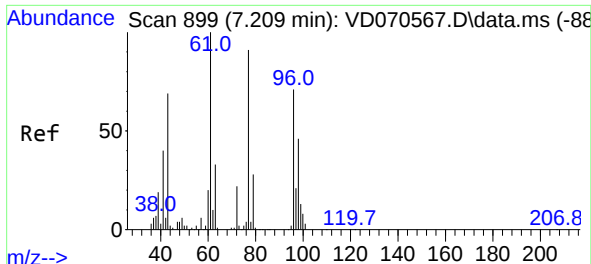
Tgt Ion:168 Resp: 243565
Ion Ratio Lower Upper
168 100
99 62.2 51.4 77.0



#20
Methylene Chloride
Concen: 8.748 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

Tgt Ion: 84 Resp: 53960
Ion Ratio Lower Upper
84 100
49 97.0 91.4 137.2
51 29.2 26.7 40.1
86 61.5 50.8 76.2

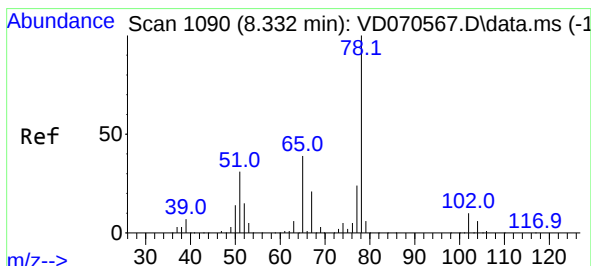
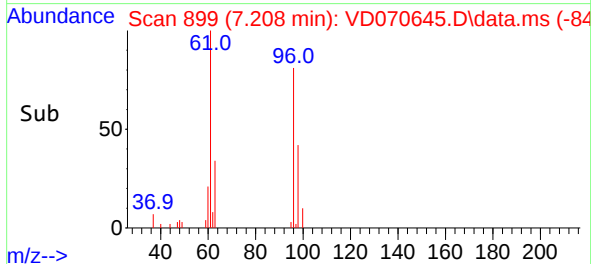
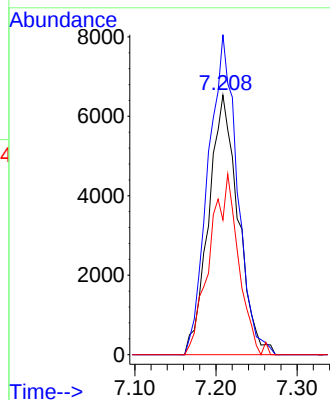
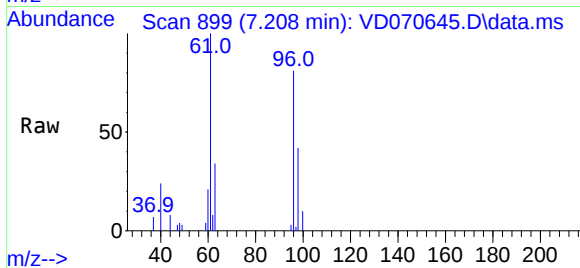




#27
cis-1,2-Dichloroethene
Concen: 4.669 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

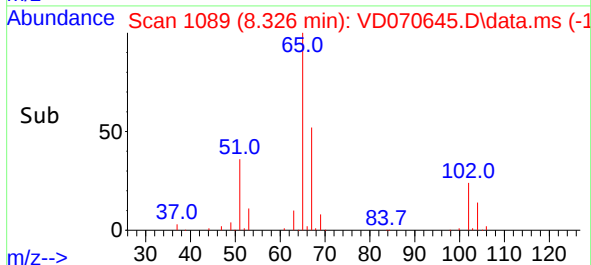
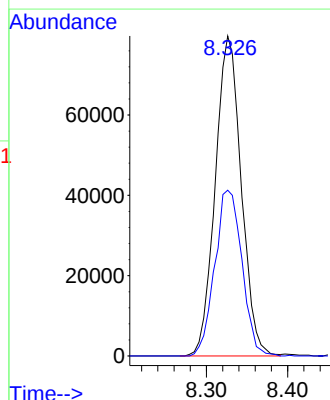
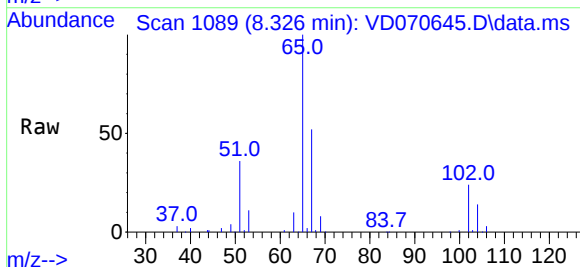
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

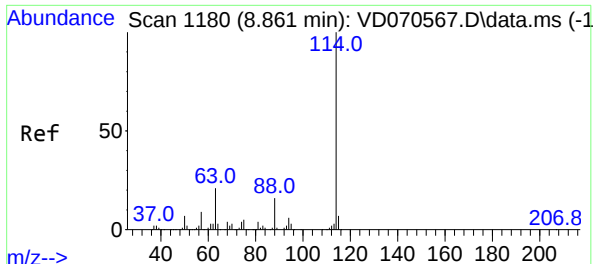
Tgt Ion:	96	Resp:	16495
Ion	Ratio	Lower	Upper
96	100		
61	121.9	0.0	278.2
98	67.3	0.0	128.6



#33
1,2-Dichloroethane-d4
Concen: 61.799 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

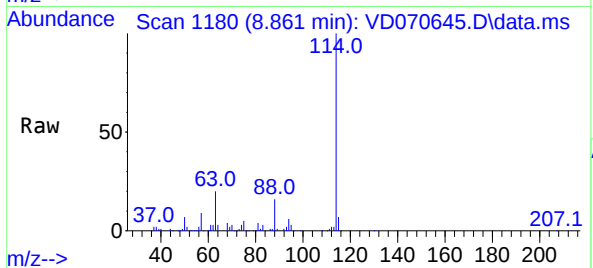
Tgt Ion:	65	Resp:	177143
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.2





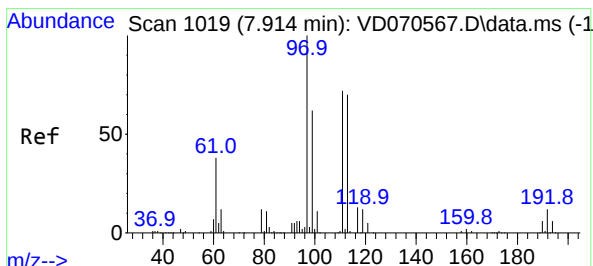
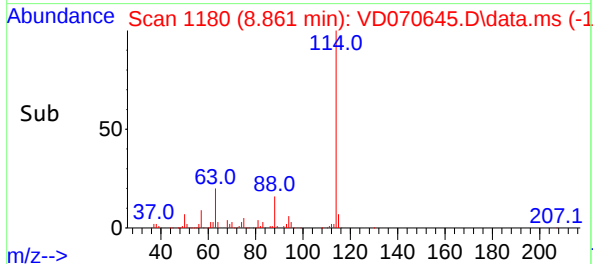
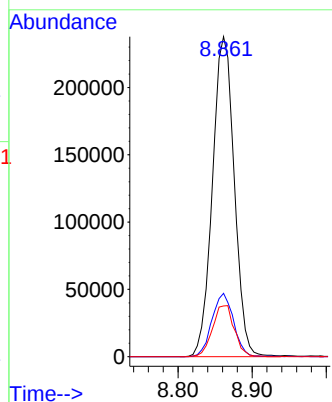
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:114 Resp: 485904

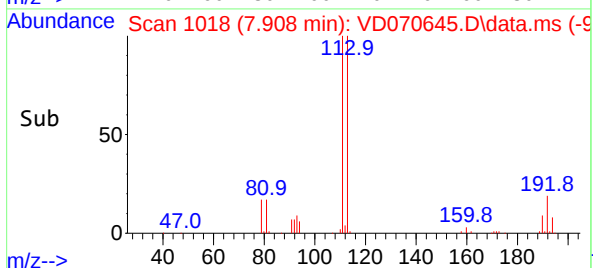
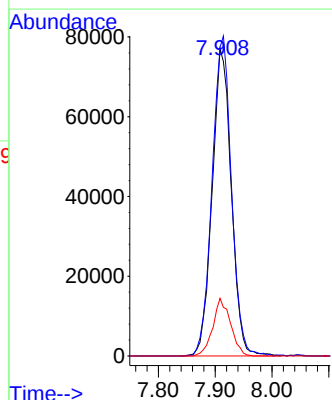
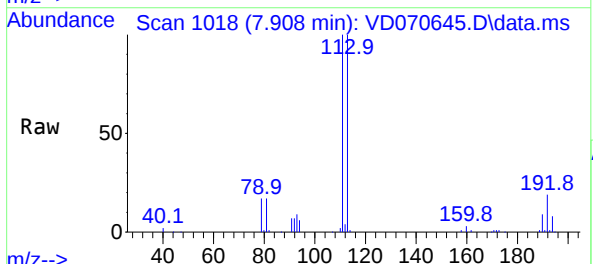
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.8
88	15.8	0.0	32.6

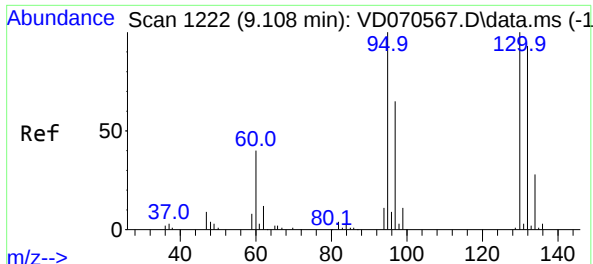


#35
Dibromofluoromethane
Concen: 55.668 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

Tgt Ion:113 Resp: 179841

Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.1	124.7
192	17.4	12.7	19.1





#44

Trichloroethene

Concen: 6.245 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.006 min

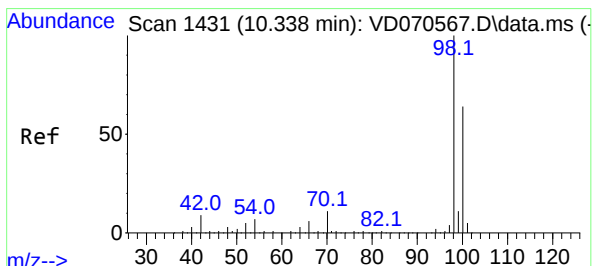
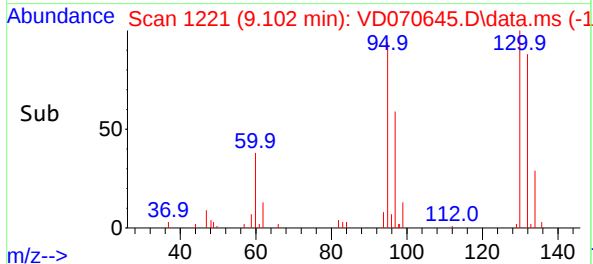
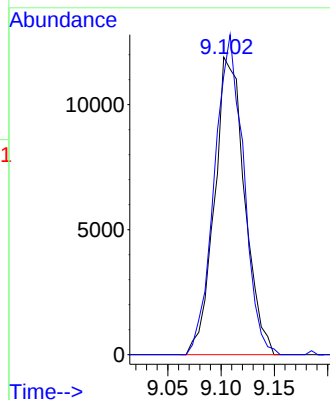
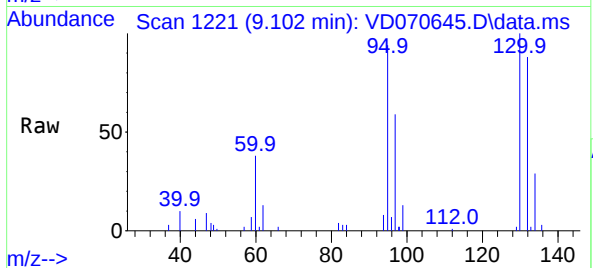
Lab File: VD070645.D

Acq: 08 Oct 2021 18:12

Tgt Ion:130 Resp: 23423

Ion Ratio Lower Upper

130	100		
95	93.6	0.0	200.8



#50

Toluene-d8

Concen: 48.794 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

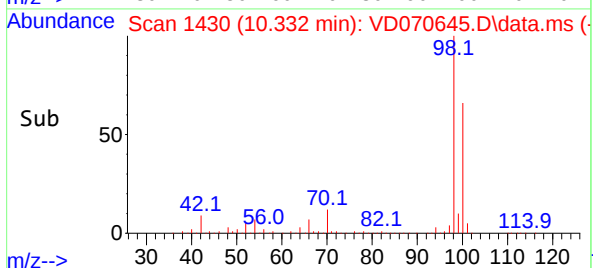
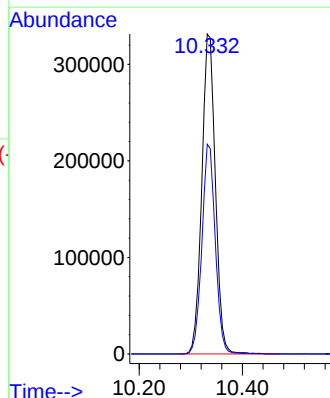
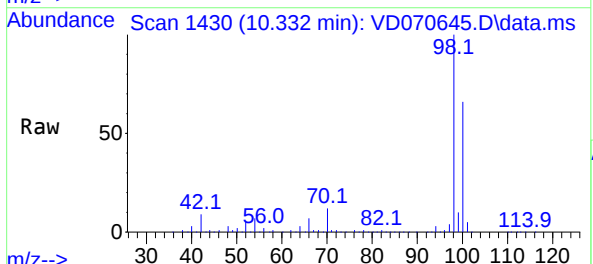
Lab File: VD070645.D

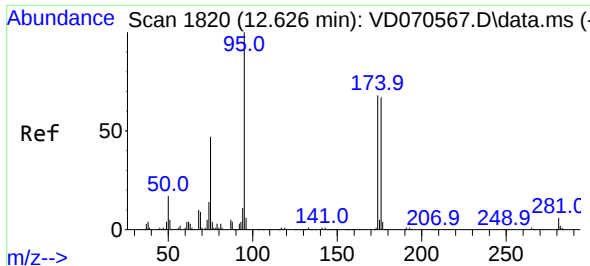
Acq: 08 Oct 2021 18:12

Tgt Ion: 98 Resp: 602611

Ion Ratio Lower Upper

98	100		
100	64.8	52.2	78.4

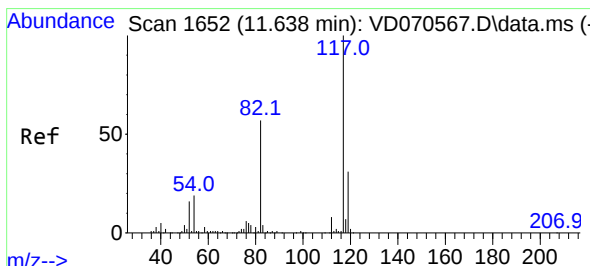
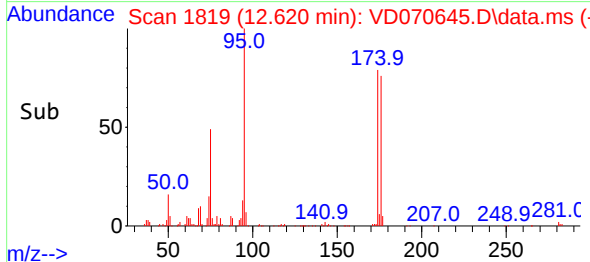
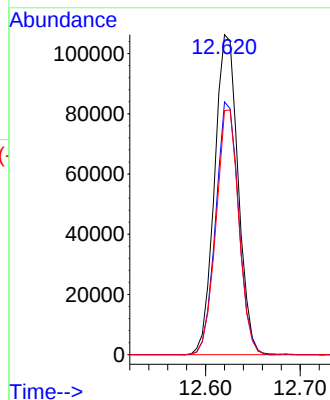
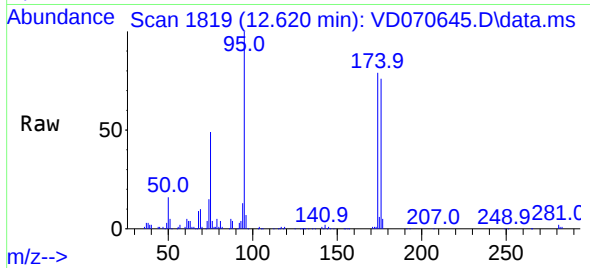




#62
4-Bromofluorobenzene
Concen: 44.476 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

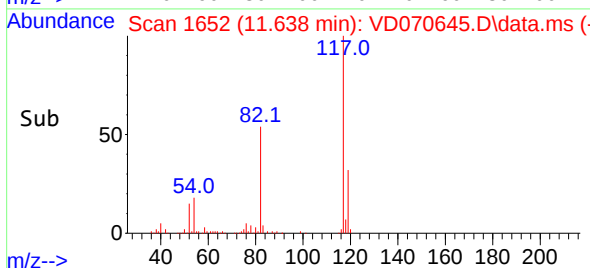
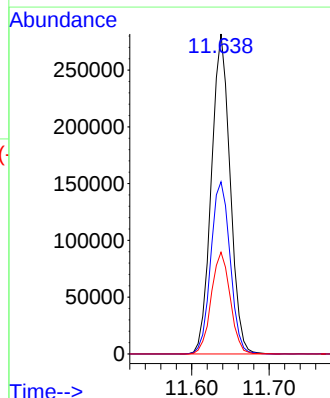
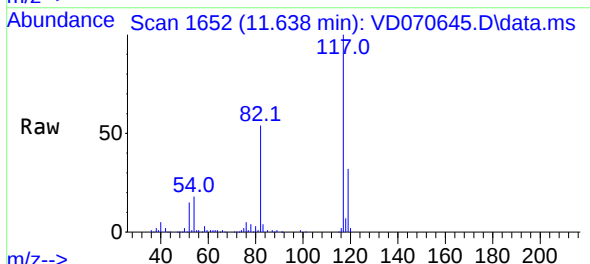
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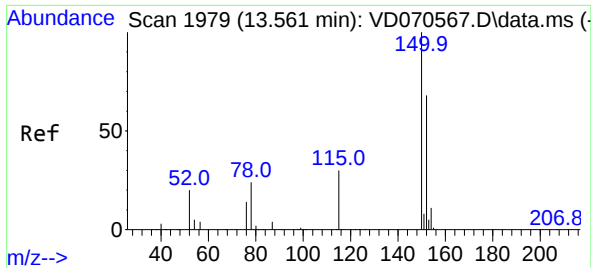
Tgt Ion: 95 Resp: 183583
Ion Ratio Lower Upper
95 100
174 76.8 0.0 138.0
176 74.1 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

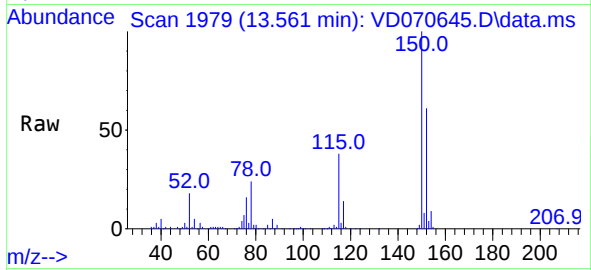
Tgt Ion: 117 Resp: 473628
Ion Ratio Lower Upper
117 100
82 53.8 45.4 68.2
119 31.8 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD070645.D
 Acq: 08 Oct 2021 18:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 191208

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.9	95.7
150	161.0	0.0	350.0

