

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068641.D
 Acq On : 17 Mar 2021 16:49
 Operator : VA/SY
 Sample : M1693-01
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5A

Quant Time: Mar 18 00:57:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

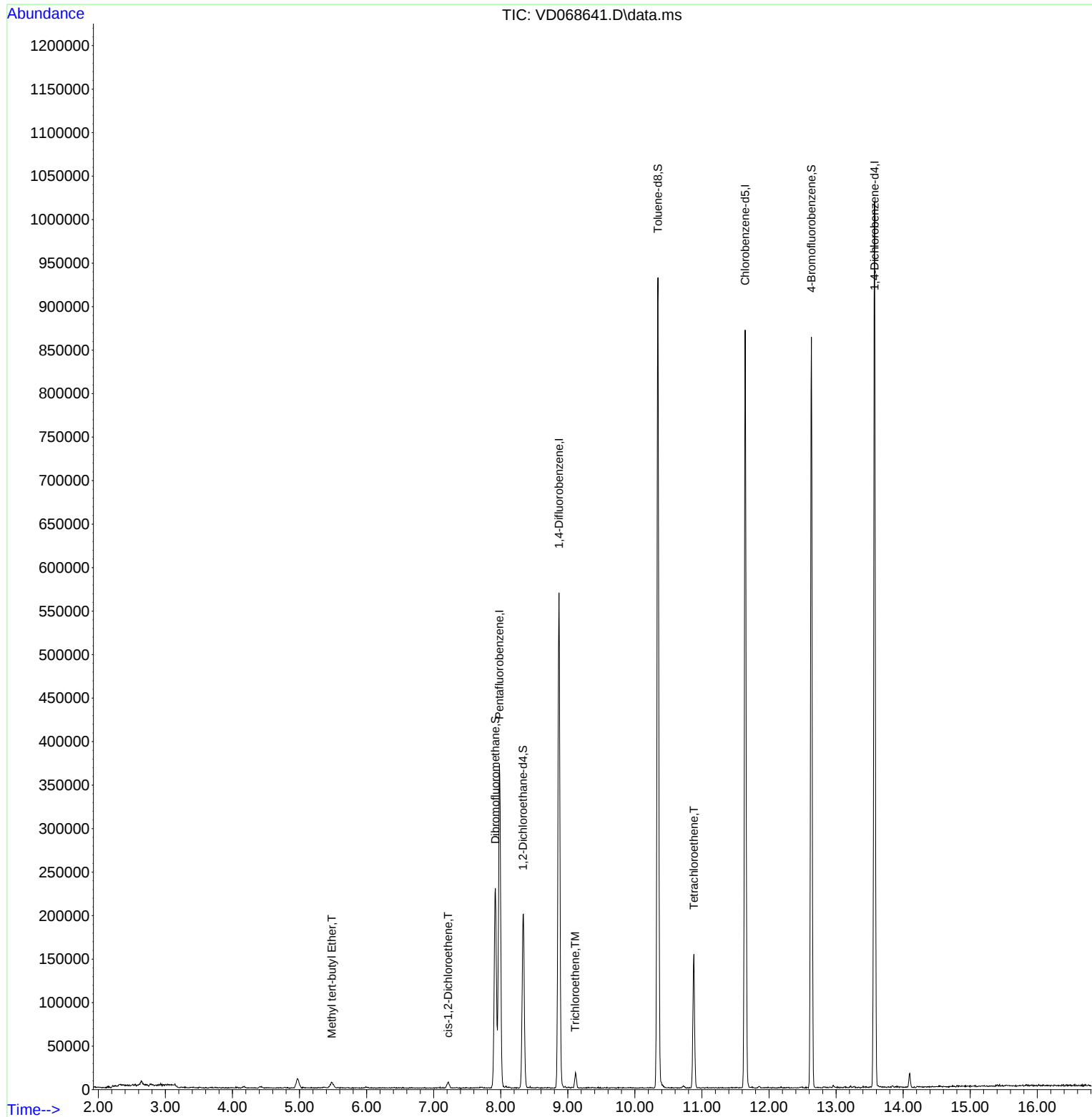
Internal Standards						
1) Pentafluorobenzene	7.979	168	279260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	515925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	514151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	275619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159727	57.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.50%			
35) Dibromofluoromethane	7.920	113	162840	52.39	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.78%			
50) Toluene-d8	10.344	98	655013	52.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.82%			
62) 4-Bromofluorobenzene	12.632	95	227992	57.15	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.30%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.479	73	10424	1.71	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	4130	1.12	ug/l	95
44) Trichloroethene	9.108	130	6291	1.63	ug/l	99
64) Tetrachloroethene	10.879	164	34935	10.41	ug/l	97

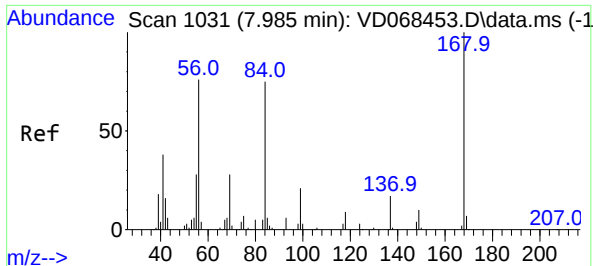
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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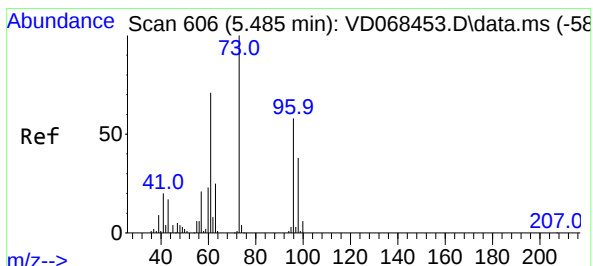
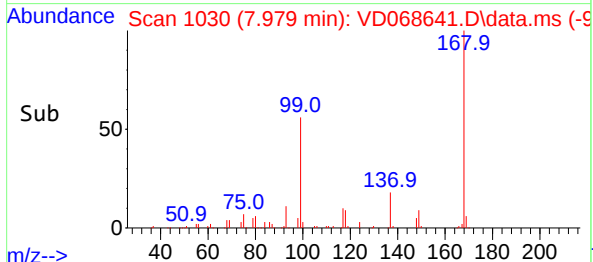
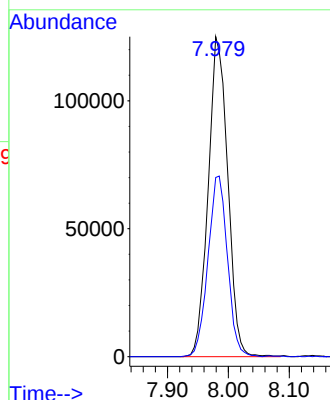
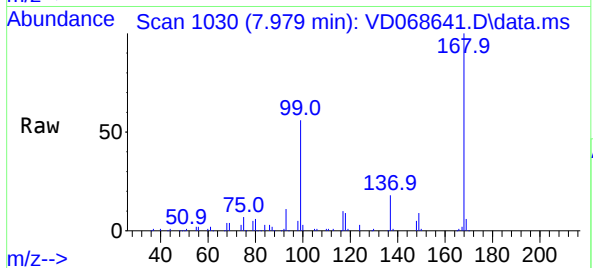




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068641.D
Acq: 17 Mar 2021 16:49

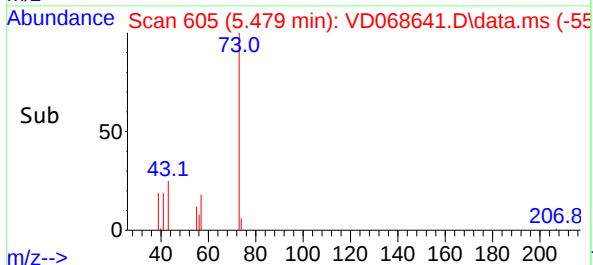
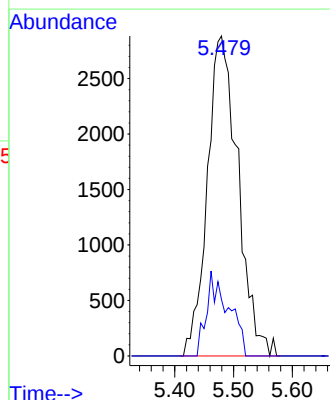
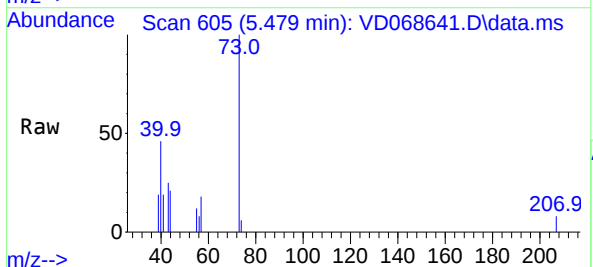
Instrument :
MSVOA_D
ClientSampleId :
TP-5A

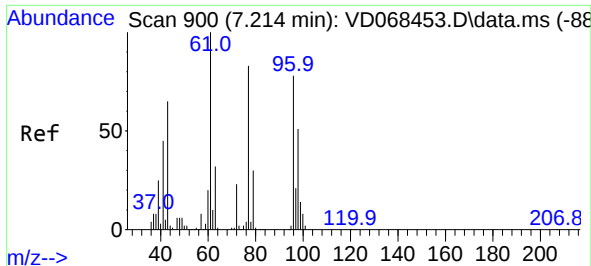
Tgt Ion:168 Resp: 279260
Ion Ratio Lower Upper
168 100
99 56.0 43.5 65.3



#19
Methyl tert-butyl Ether
Concen: 1.71 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.005 min
Lab File: VD068641.D
Acq: 17 Mar 2021 16:49

Tgt Ion: 73 Resp: 10424
Ion Ratio Lower Upper
73 100
57 17.6 14.4 21.6

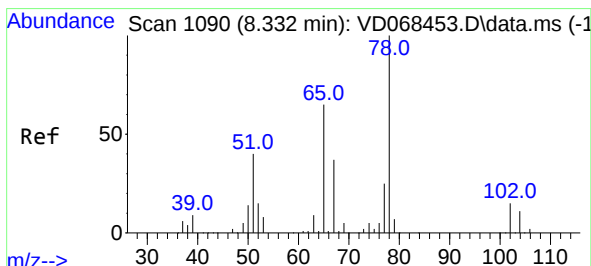
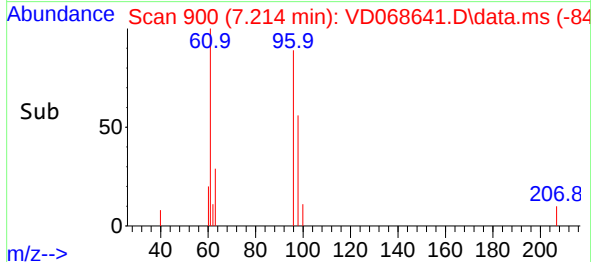
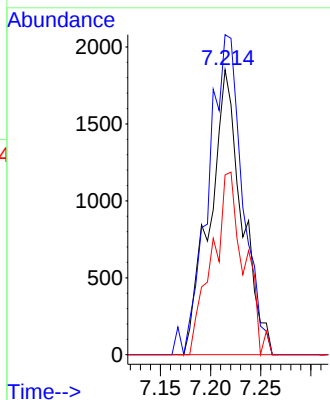
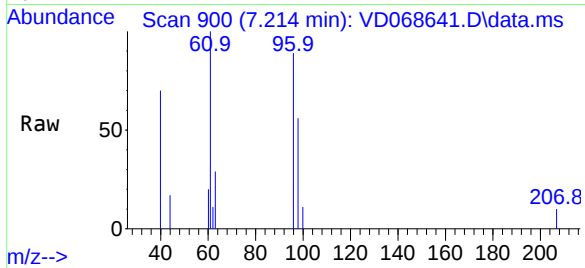




#27
 cis-1,2-Dichloroethene
 Concen: 1.12 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD068641.D
 Acq: 17 Mar 2021 16:49

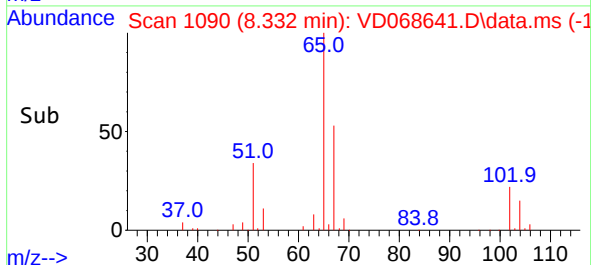
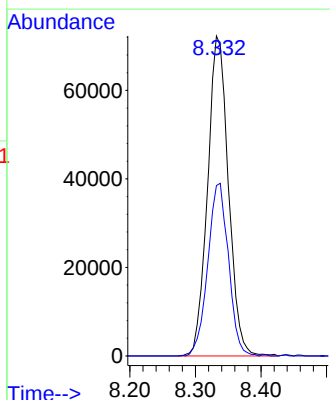
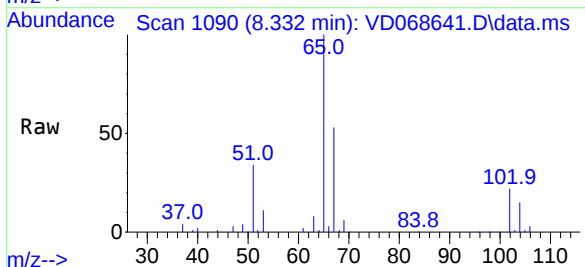
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5A

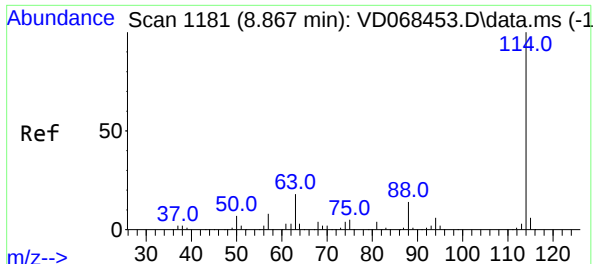
Tgt Ion: 96 Resp: 4130
 Ion Ratio Lower Upper
 96 100
 61 120.5 0.0 257.4
 98 64.0 0.0 126.6



#33
 1,2-Dichloroethane-d4
 Concen: 57.25 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD068641.D
 Acq: 17 Mar 2021 16:49

Tgt Ion: 65 Resp: 159727
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



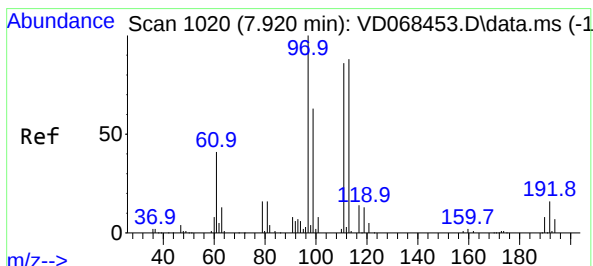
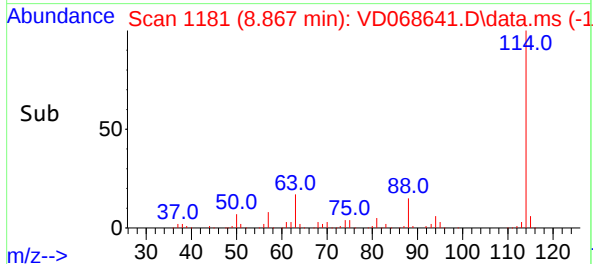
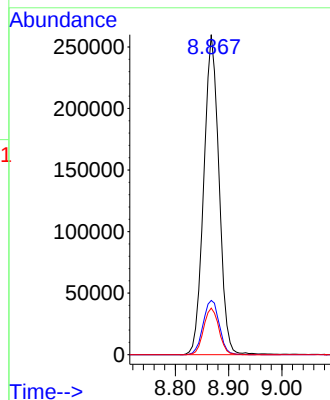
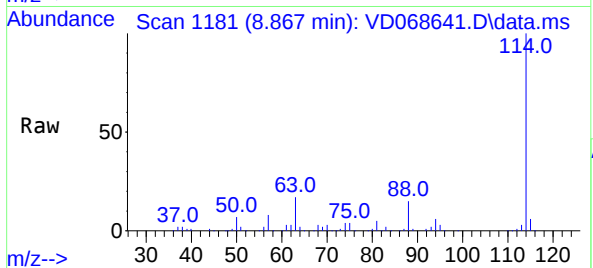


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068641.D
Acq: 17 Mar 2021 16:49

Instrument :
MSVOA_D
ClientSampled :
TP-5A

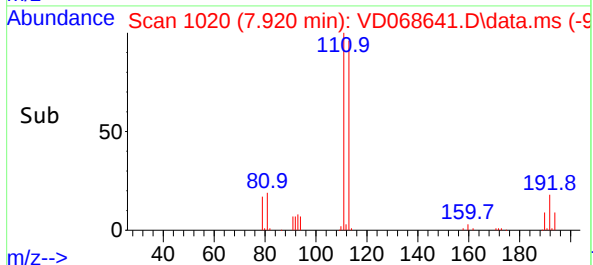
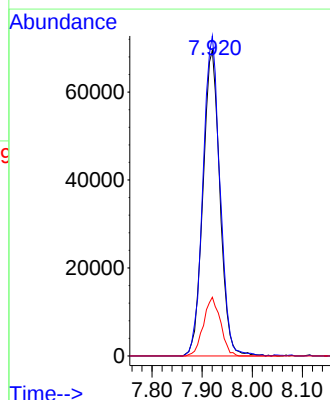
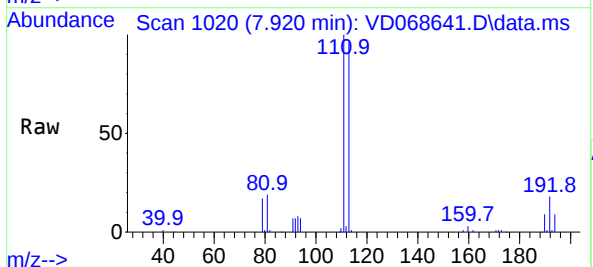
Tgt Ion:114 Resp: 515925
Ion Ratio Lower Upper
114 100
63 16.9 0.0 34.8
88 14.5 0.0 31.6

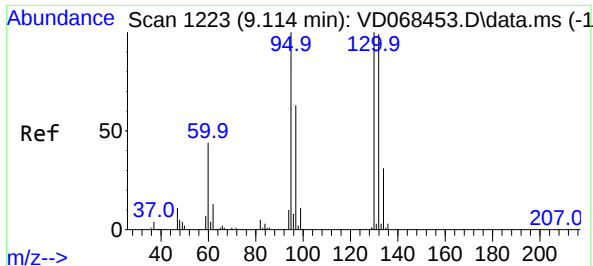


#35

Dibromofluoromethane
Concen: 52.39 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068641.D
Acq: 17 Mar 2021 16:49

Tgt Ion:113 Resp: 162840
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.0
192 19.4 16.1 24.1





#44

Trichloroethene

Concen: 1.63 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.005 min

Lab File: VD068641.D

Acq: 17 Mar 2021 16:49

Tgt Ion:130 Resp: 6291

Ion Ratio Lower Upper

130 100

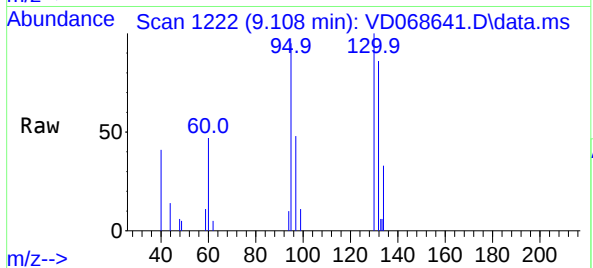
95 95.0 0.0 191.2

Instrument :

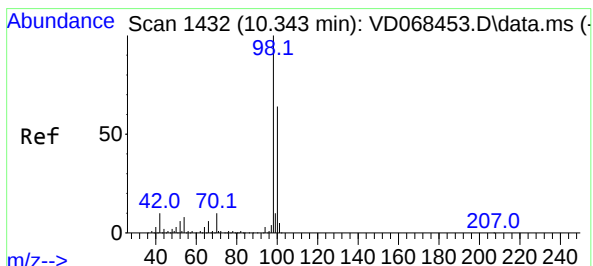
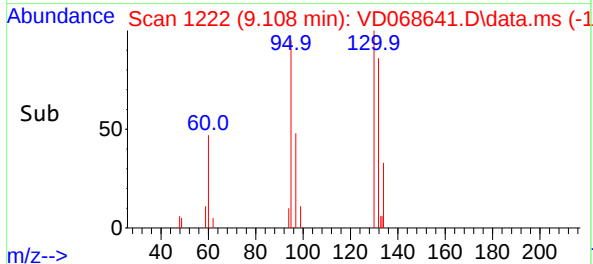
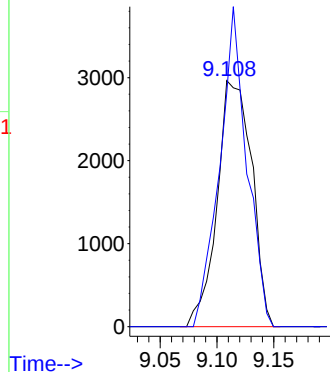
MSVOA_D

ClientSampleId :

TP-5A



Abundance



#50

Toluene-d8

Concen: 52.91 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068641.D

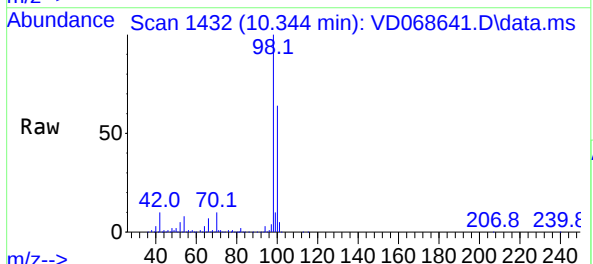
Acq: 17 Mar 2021 16:49

Tgt Ion: 98 Resp: 655013

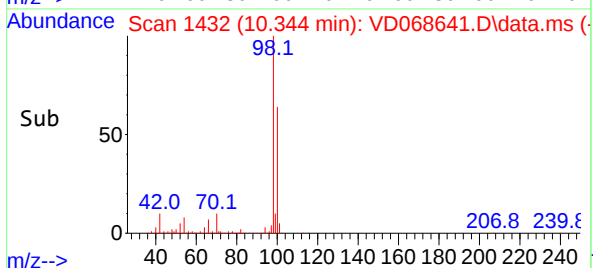
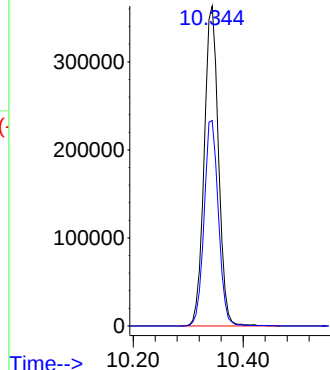
Ion Ratio Lower Upper

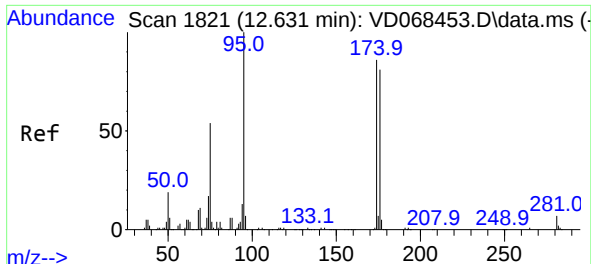
98 100

100 64.5 53.0 79.4



Abundance

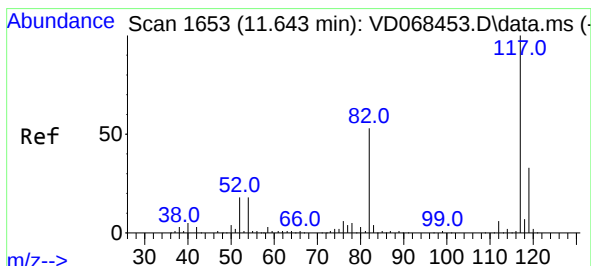
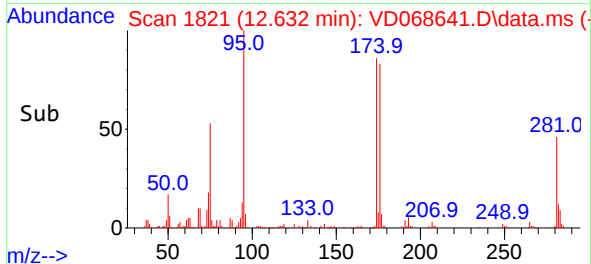
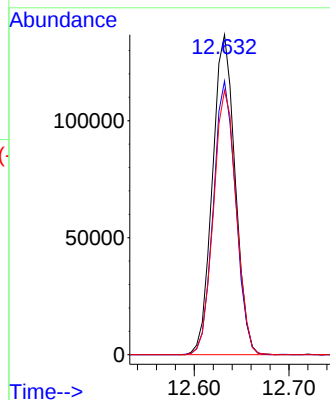
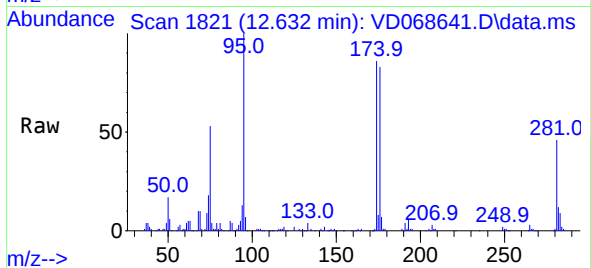




#62
4-Bromofluorobenzene
Concen: 57.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068641.D
Acq: 17 Mar 2021 16:49

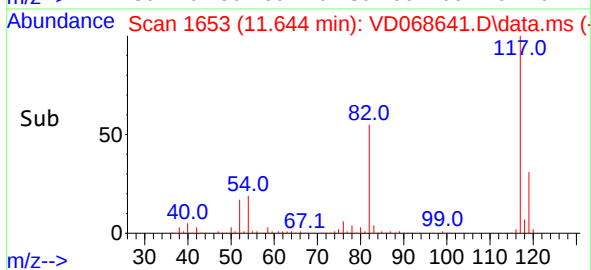
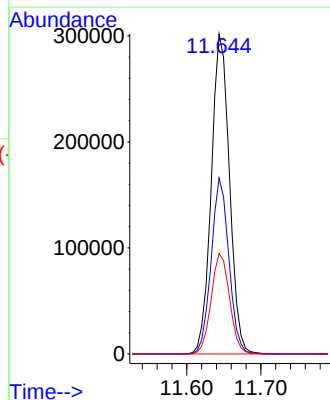
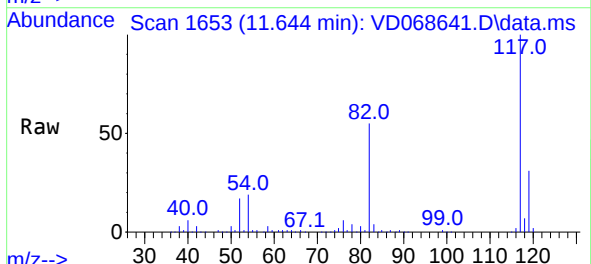
Instrument :
MSVOA_D
ClientSampleId :
TP-5A

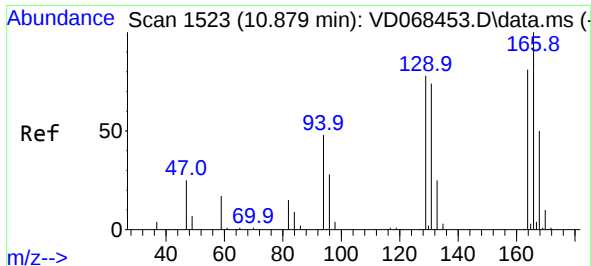
Tgt Ion: 95 Resp: 227992
Ion Ratio Lower Upper
95 100
174 84.1 0.0 172.4
176 83.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068641.D
Acq: 17 Mar 2021 16:49

Tgt Ion: 117 Resp: 514151
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.0
119 31.4 26.1 39.1



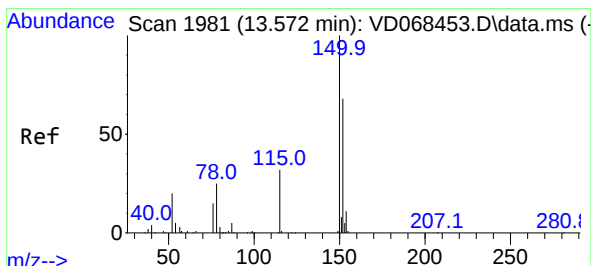
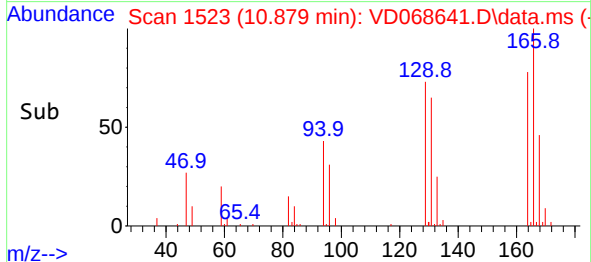
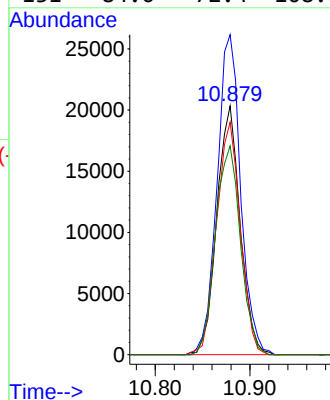
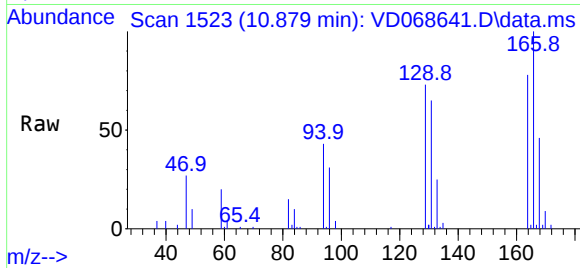


#64
Tetrachloroethene
Concen: 10.41 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068641.D
Acq: 17 Mar 2021 16:49

Instrument :
MSVOA_D
ClientSampled :
TP-5A

Tgt Ion:164 Resp: 34935

Ion	Ratio	Lower	Upper
164	100		
166	128.6	105.5	158.3
129	93.4	75.6	113.4
131	84.0	72.4	108.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068641.D
Acq: 17 Mar 2021 16:49

Tgt Ion:152 Resp: 275619

Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.8
150	157.5	0.0	344.4

