

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062221\
 Data File : VD069522.D
 Acq On : 22 Jun 2021 18:05
 Operator : VA/SY
 Sample : M2773-08
 Misc : 5.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8

Quant Time: Jun 23 04:30:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

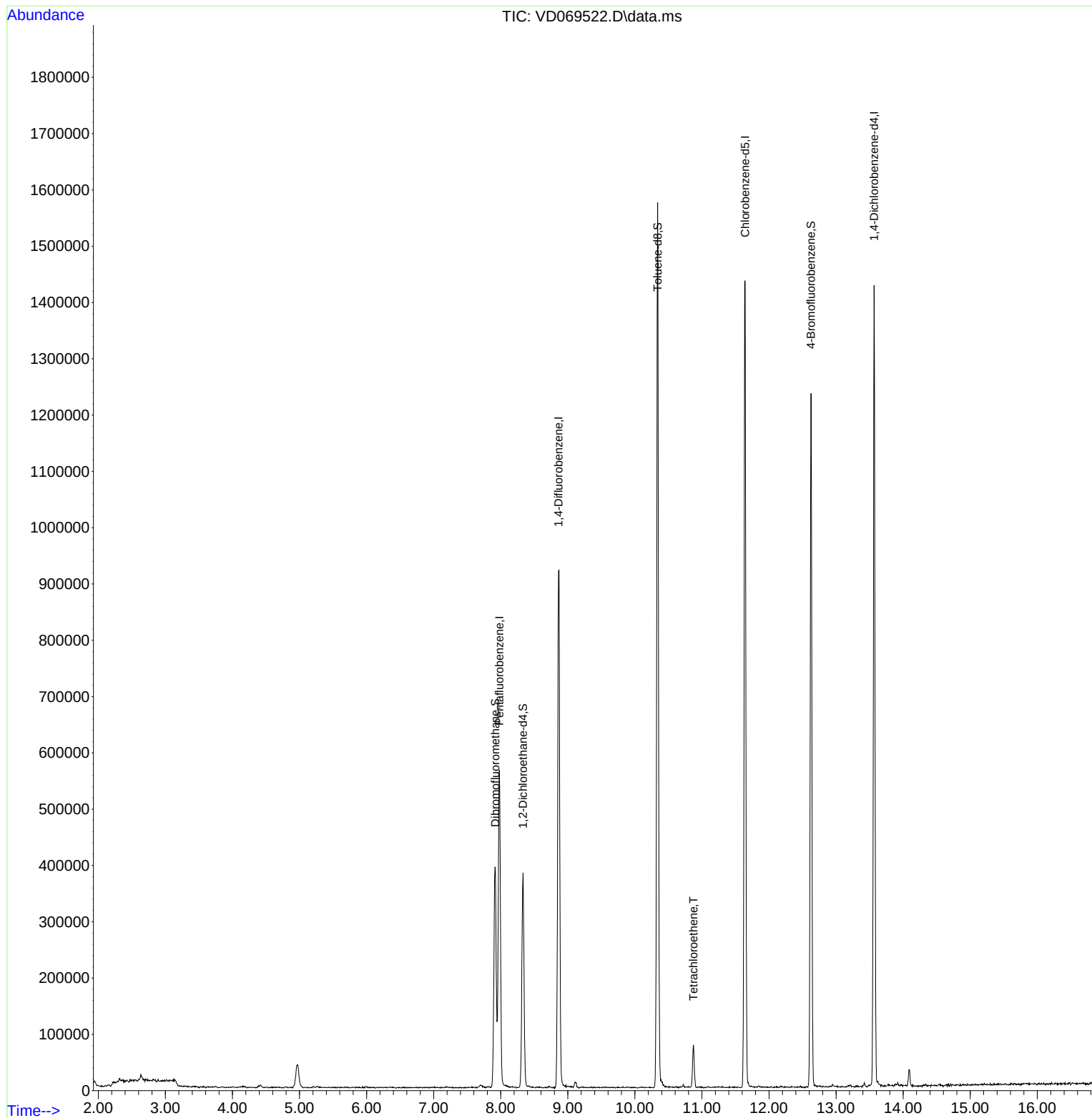
Internal Standards						
1) Pentafluorobenzene	7.979	168	397124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	808452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	851078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	369458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	304568	61.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.060%	
35) Dibromofluoromethane	7.920	113	293869	53.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.540%	
50) Toluene-d8	10.338	98	1068985	52.149	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	12.626	95	360013	53.422	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.840%	
Target Compounds						
64) Tetrachloroethene	10.873	164	17294	3.236	ug/l	Qvalue 95

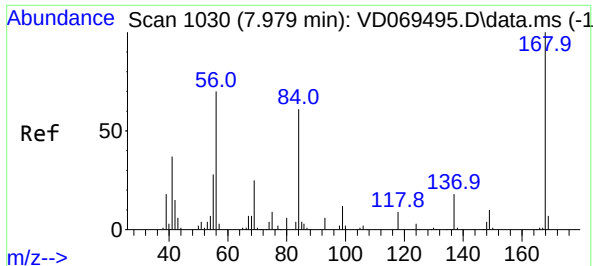
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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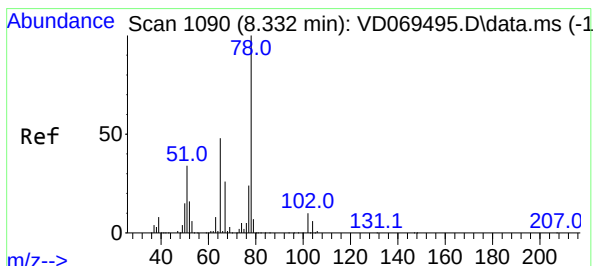
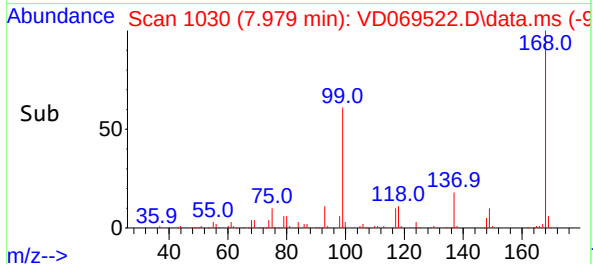
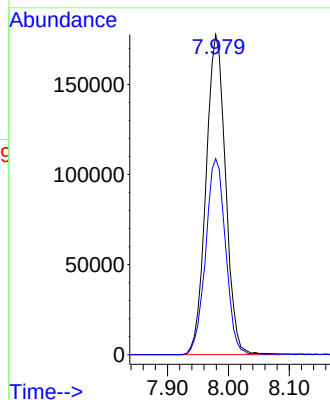
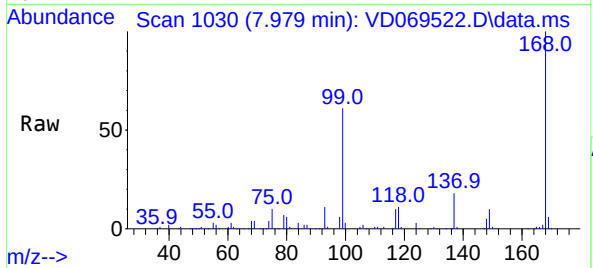




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069522.D
Acq: 22 Jun 2021 18:05

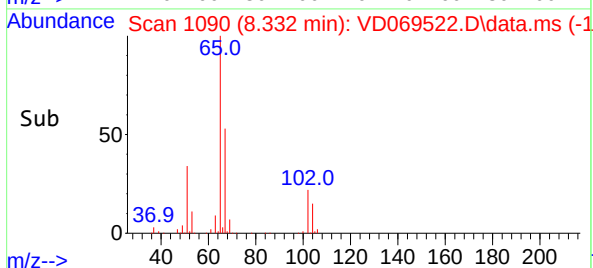
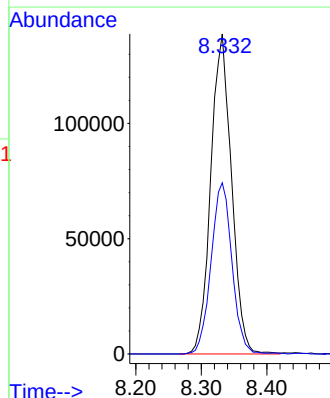
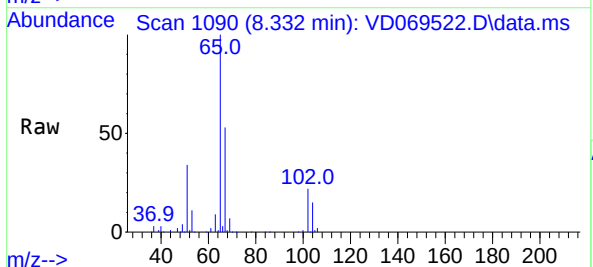
Instrument :
MSVOA_D
ClientSampleId :
SB-8

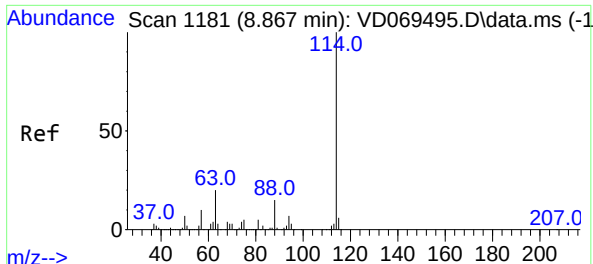
Tgt Ion:168 Resp: 397124
Ion Ratio Lower Upper
168 100
99 61.3 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 61.528 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069522.D
Acq: 22 Jun 2021 18:05

Tgt Ion: 65 Resp: 304568
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.6





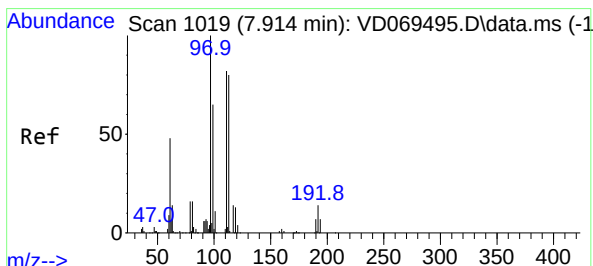
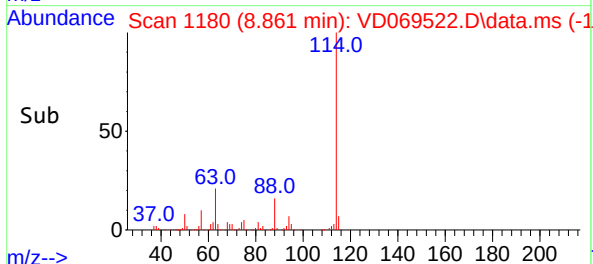
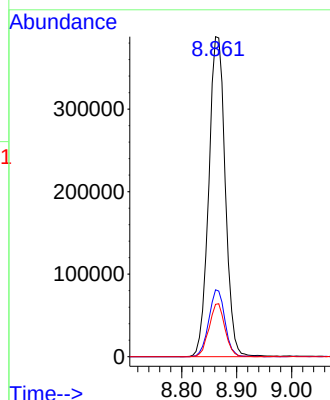
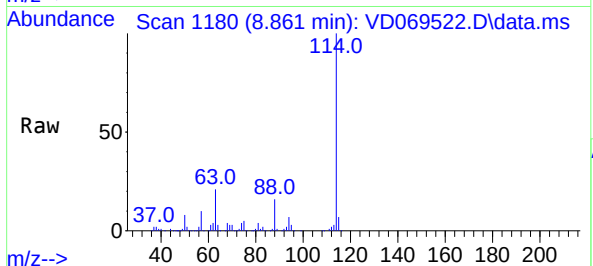
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069522.D
Acq: 22 Jun 2021 18:05

Instrument :
MSVOA_D
ClientSampled :
SB-8

Tgt Ion:114 Resp: 808452

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.6
88	16.3	0.0	29.8

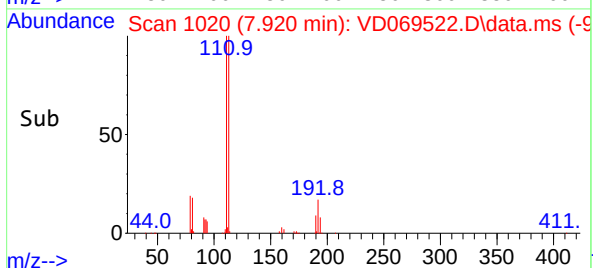
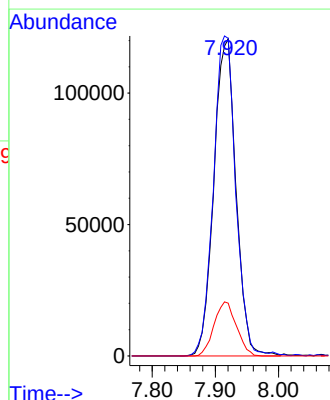
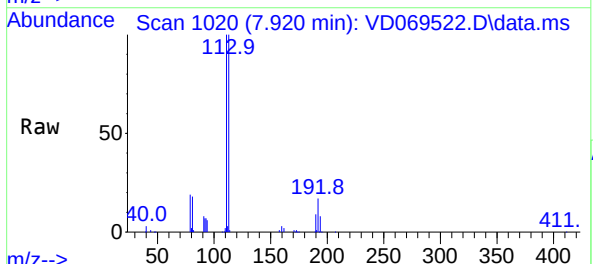


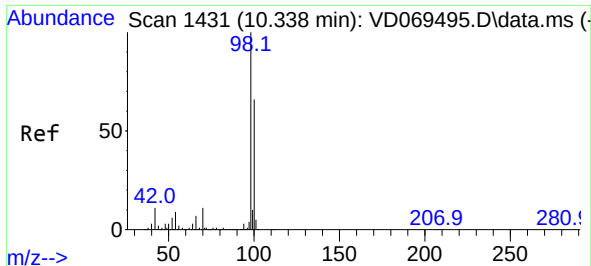
#35

Dibromofluoromethane
Concen: 53.773 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069522.D
Acq: 22 Jun 2021 18:05

Tgt Ion:113 Resp: 293869

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	17.2	13.8	20.6

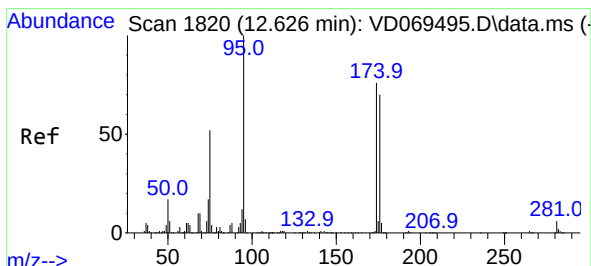
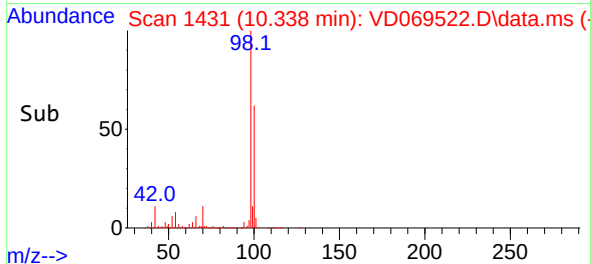
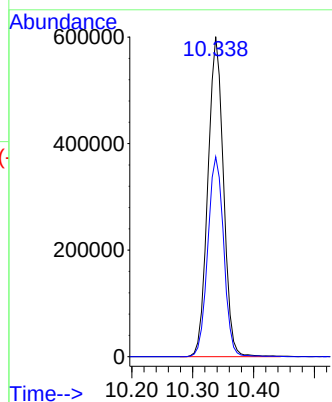
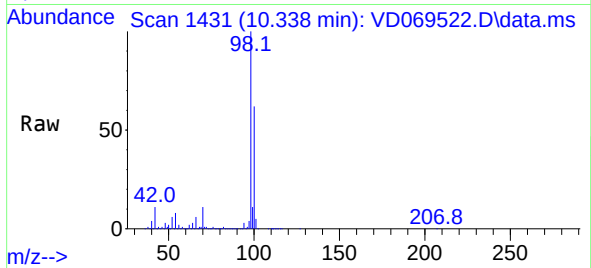




#50
Toluene-d8
Concen: 52.149 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069522.D
Acq: 22 Jun 2021 18:05

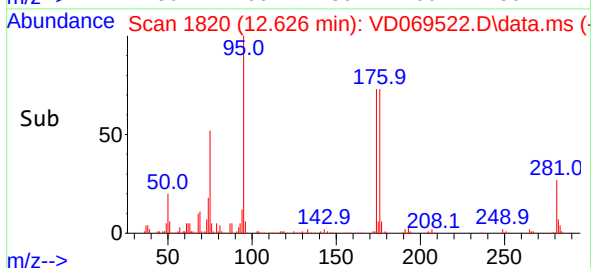
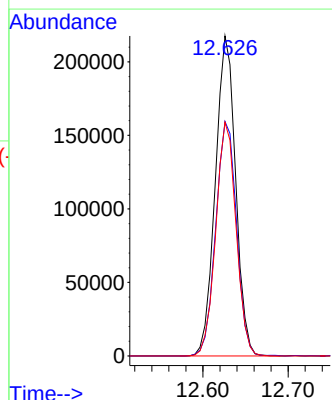
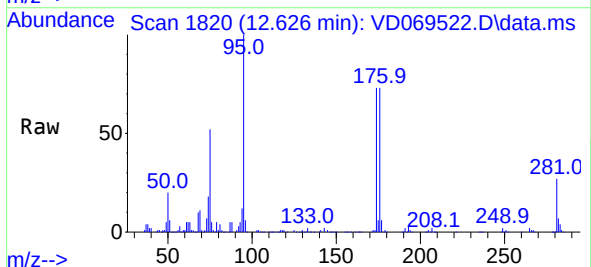
Instrument :
MSVOA_D
ClientSampleId :
SB-8

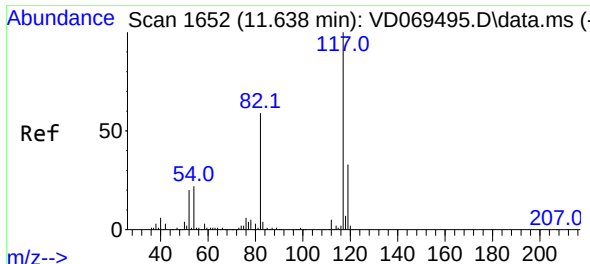
Tgt Ion: 98 Resp: 1068985
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 53.422 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069522.D
Acq: 22 Jun 2021 18:05

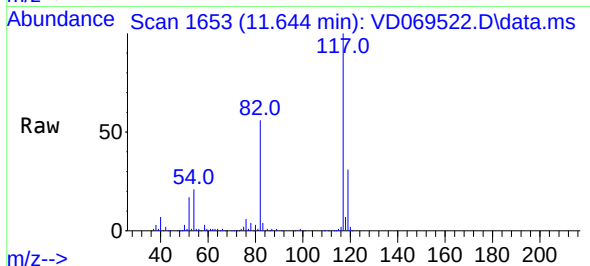
Tgt Ion: 95 Resp: 360013
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.0
176 73.1 0.0 139.8



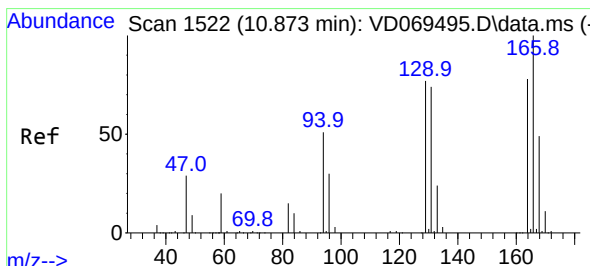
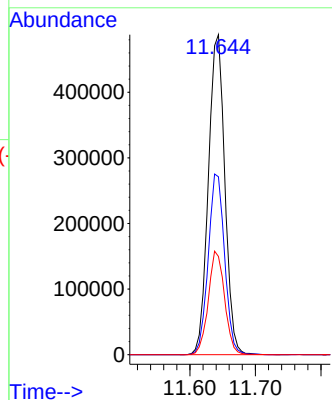
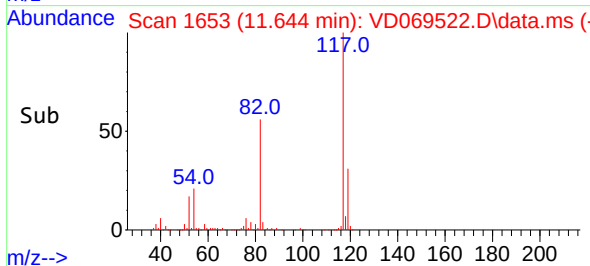


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069522.D
Acq: 22 Jun 2021 18:05

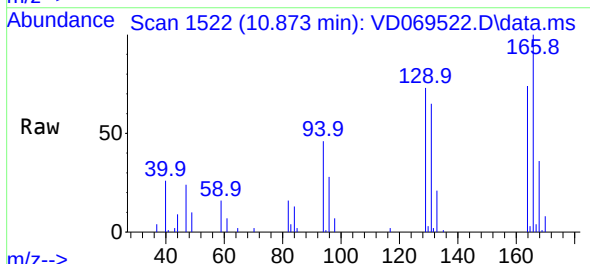
Instrument :
MSVOA_D
ClientSampled :
SB-8



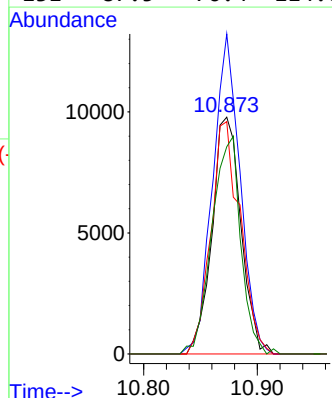
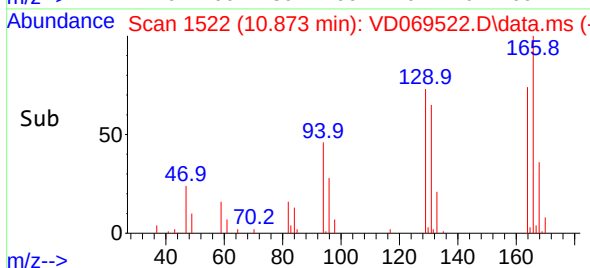
Tgt Ion:117 Resp: 851078
Ion Ratio Lower Upper
117 100
82 55.6 46.8 70.2
119 30.7 26.2 39.2



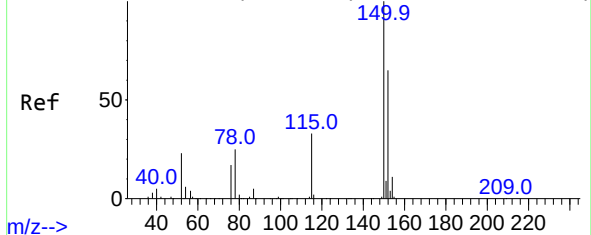
#64
Tetrachloroethene
Concen: 3.236 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069522.D
Acq: 22 Jun 2021 18:05



Tgt Ion:164 Resp: 17294
Ion Ratio Lower Upper
164 100
166 135.1 102.6 153.8
129 98.1 79.1 118.7
131 87.5 76.4 114.6



Abundance Scan 1980 (13.567 min): VD069495.D\data.ms (-

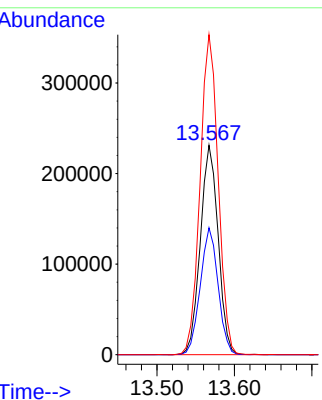
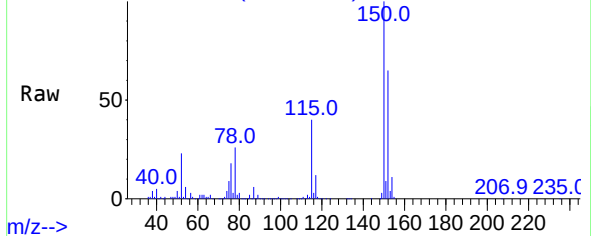


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069522.D
Acq: 22 Jun 2021 18:05

Instrument :
MSVOA_D
ClientSampleId :
SB-8

Tgt Ion:152 Resp: 369458
Ion Ratio Lower Upper
152 100
115 60.5 31.7 95.1
150 155.0 0.0 350.8

Abundance Scan 1980 (13.567 min): VD069522.D\data.ms (-



Abundance Scan 1980 (13.567 min): VD069522.D\data.ms (-

