

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062221\
 Data File : VD069527.D
 Acq On : 22 Jun 2021 20:25
 Operator : VA/SY
 Sample : M2795-02
 Misc : 9.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B1-6-8

Quant Time: Jun 23 04:31:32 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)

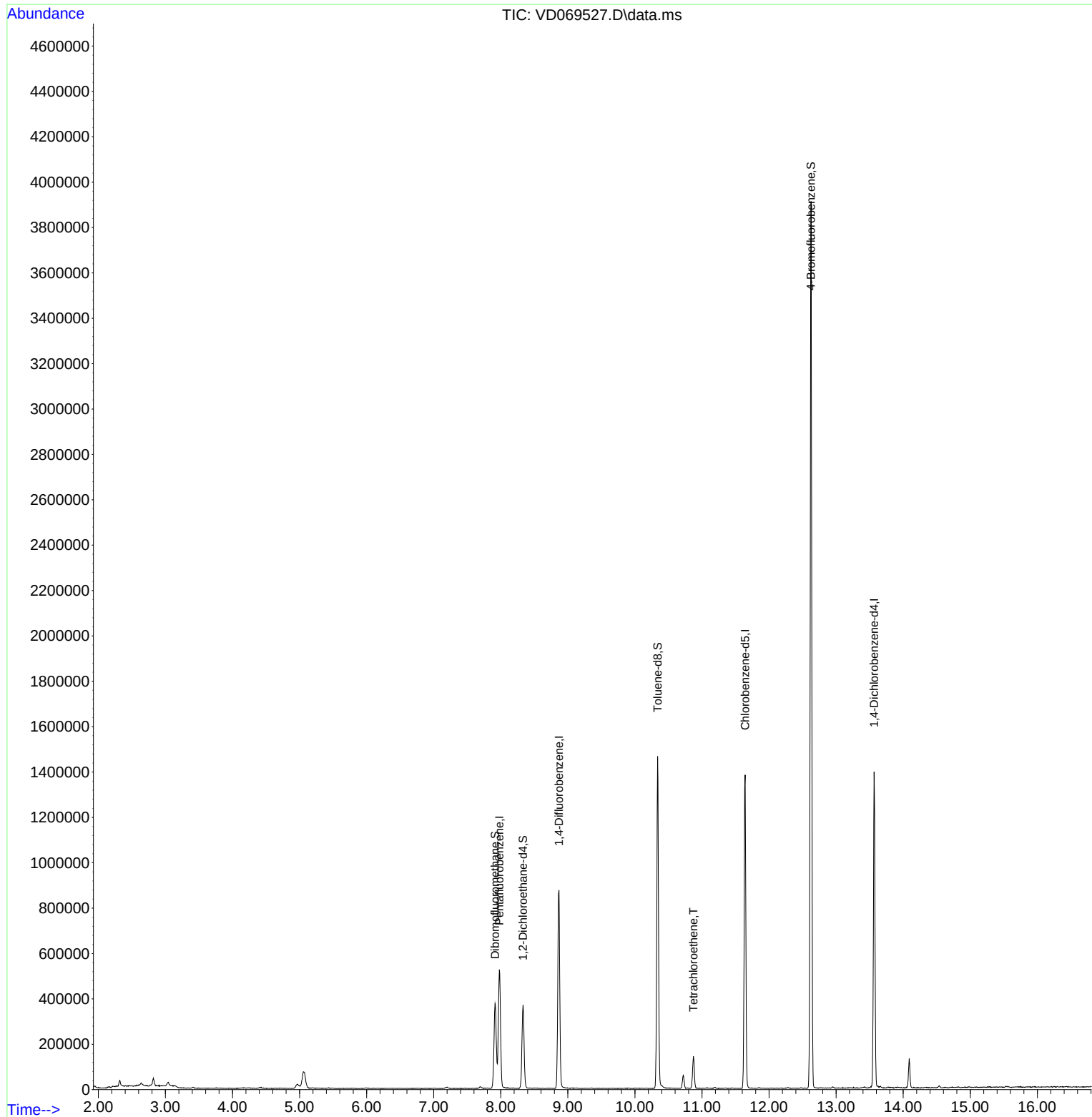
Internal Standards						
1) Pentafluorobenzene	7.979	168	366479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	734194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	797951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	355612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	292930	64.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.260%	
35) Dibromofluoromethane	7.914	113	280309	56.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.960%	
50) Toluene-d8	10.338	98	970019	52.107	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	12.626	95	415898	67.956	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 135.920%	
Target Compounds						
64) Tetrachloroethene	10.873	164	29231	5.833	ug/l	Qvalue 95

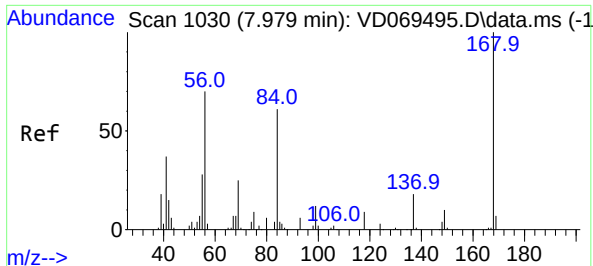
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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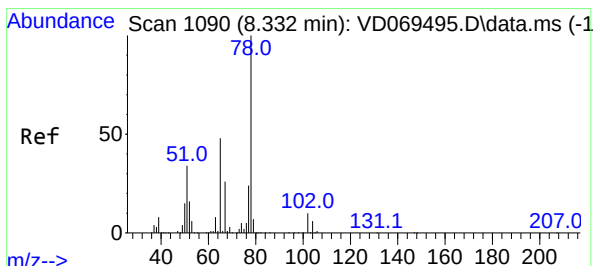
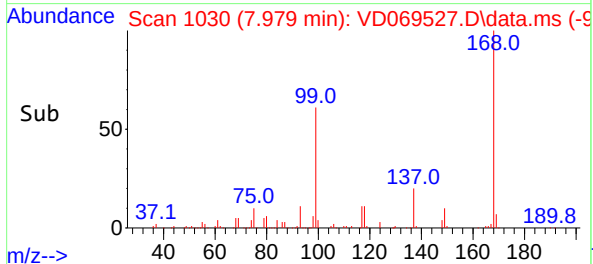
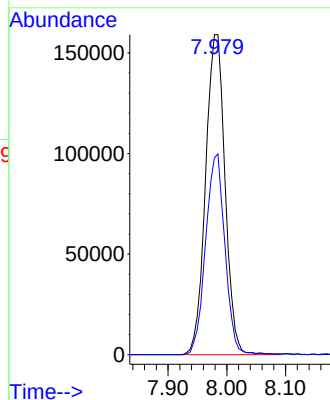
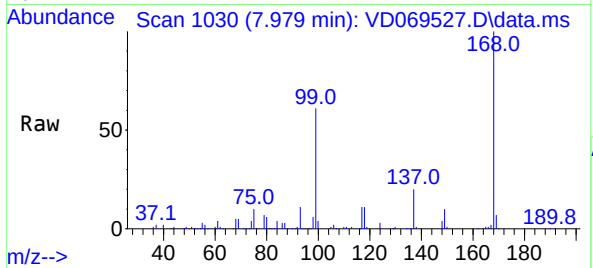




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069527.D
Acq: 22 Jun 2021 20:25

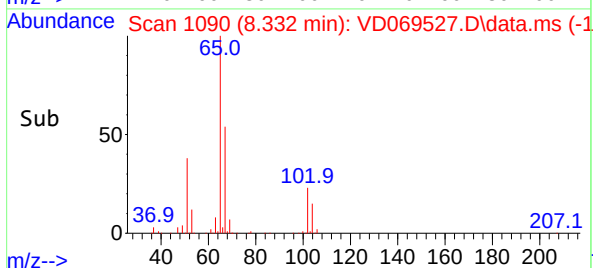
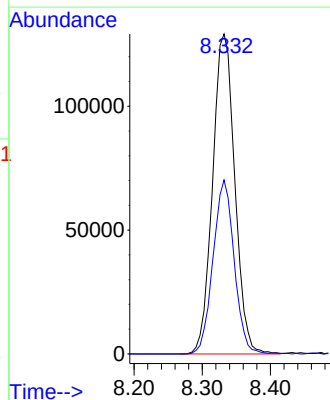
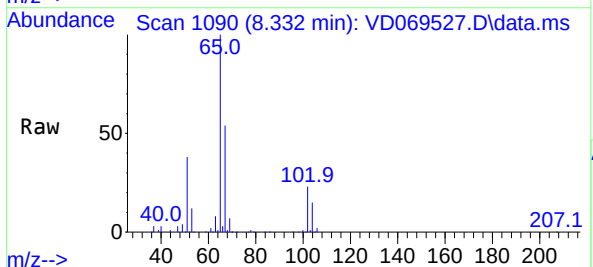
Instrument :
MSVOA_D
ClientSampled :
B1-6-8

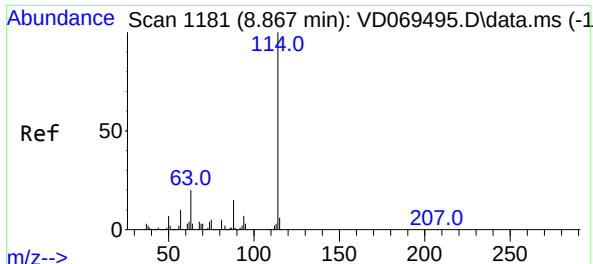
Tgt Ion:168 Resp: 366479
Ion Ratio Lower Upper
168 100
99 61.5 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 64.125 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069527.D
Acq: 22 Jun 2021 20:25

Tgt Ion: 65 Resp: 292930
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6

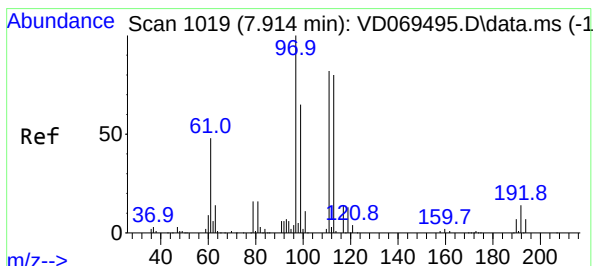
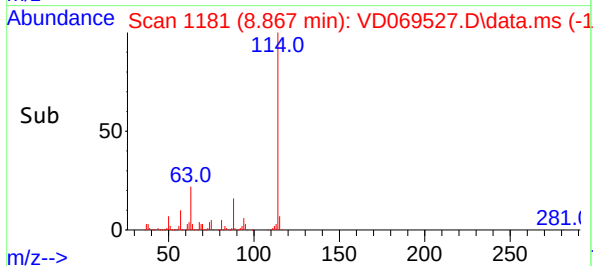
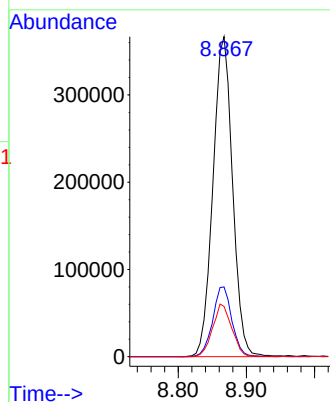
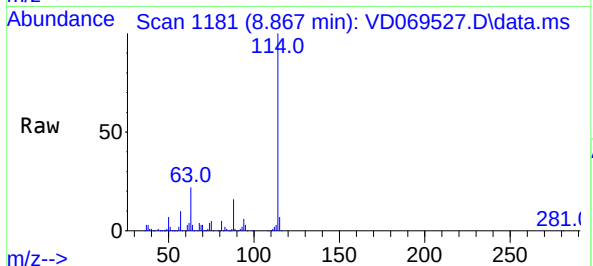




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069527.D
Acq: 22 Jun 2021 20:25

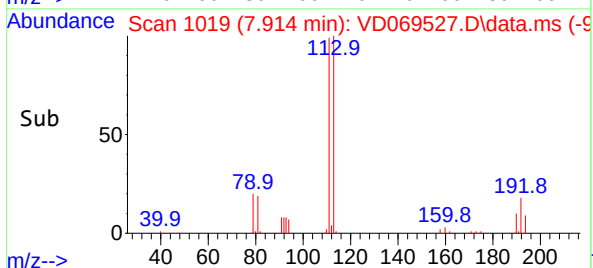
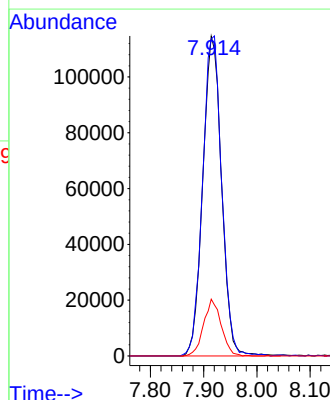
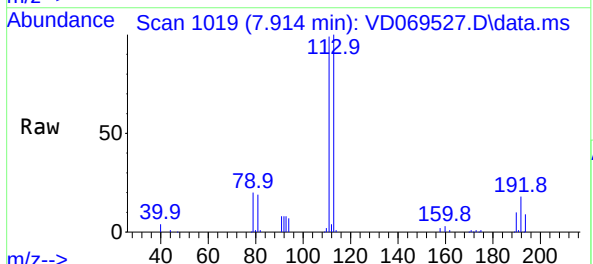
Instrument :
MSVOA_D
ClientSampled :
B1-6-8

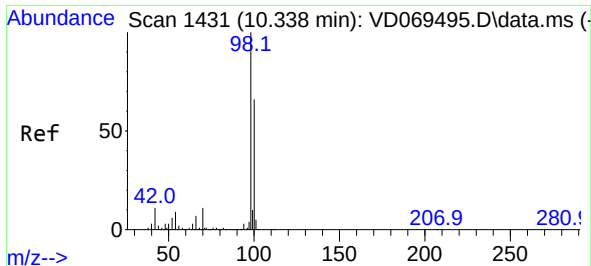
Tgt Ion:	114	Resp:	734194
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	39.6
88	15.7	0.0	29.8



#35
Dibromofluoromethane
Concen: 56.480 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069527.D
Acq: 22 Jun 2021 20:25

Tgt Ion:	113	Resp:	280309
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	16.6	13.8	20.6

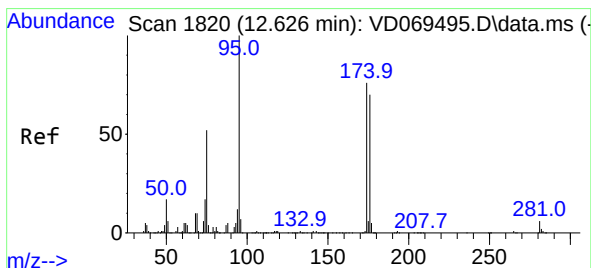
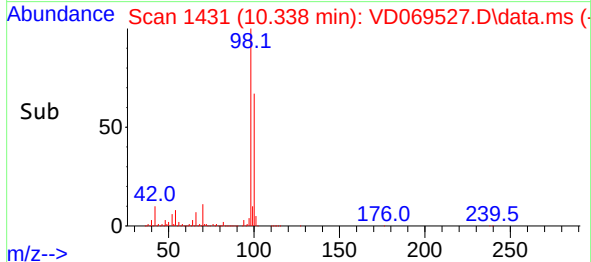
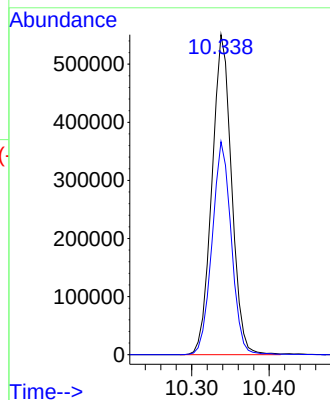
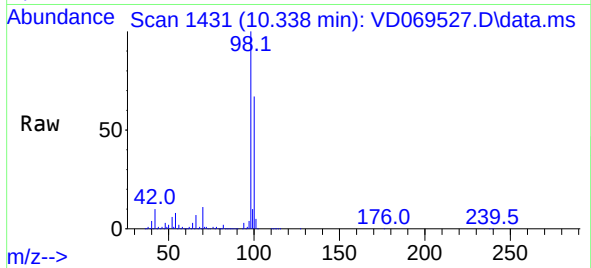




#50
Toluene-d8
Concen: 52.107 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069527.D
Acq: 22 Jun 2021 20:25

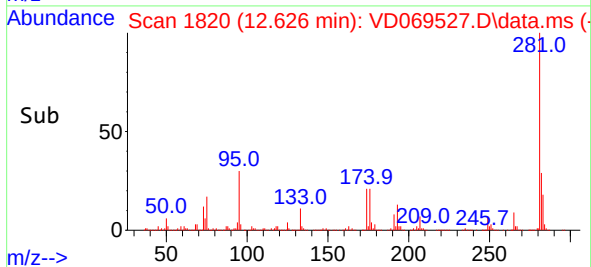
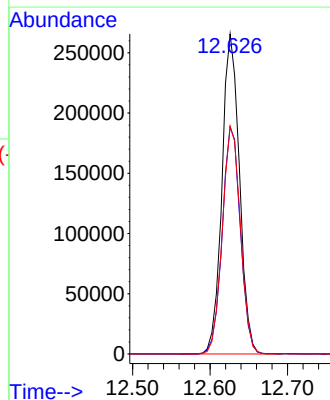
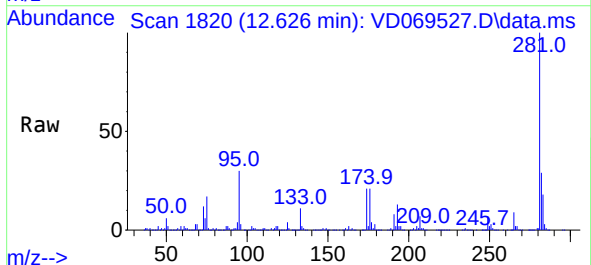
Instrument :
MSVOA_D
ClientSampleId :
B1-6-8

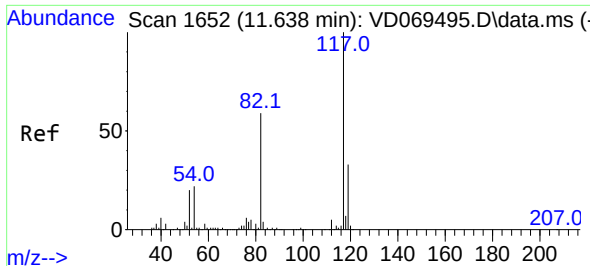
Tgt Ion: 98 Resp: 970019
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 67.956 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069527.D
Acq: 22 Jun 2021 20:25

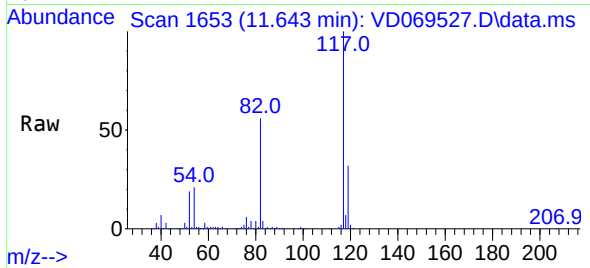
Tgt Ion: 95 Resp: 415898
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.0
176 73.6 0.0 139.8





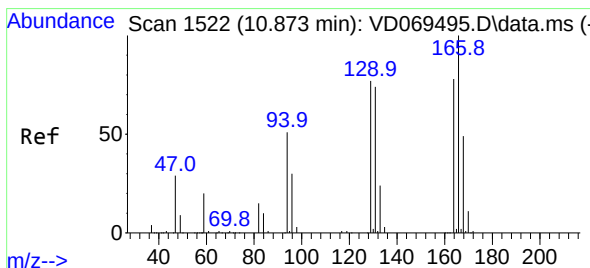
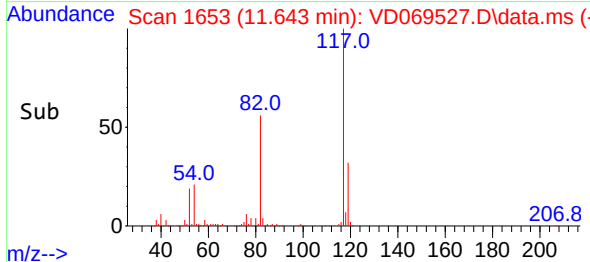
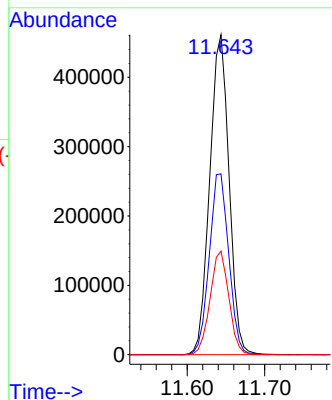
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069527.D
Acq: 22 Jun 2021 20:25

Instrument :
MSVOA_D
ClientSampleId :
B1-6-8



Tgt Ion:117 Resp: 797951

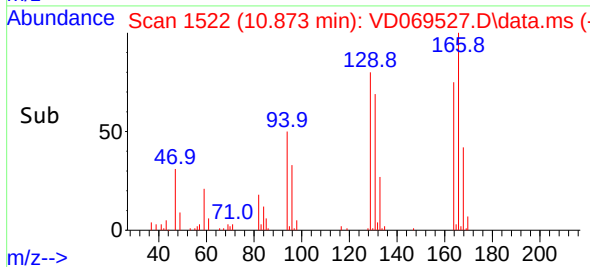
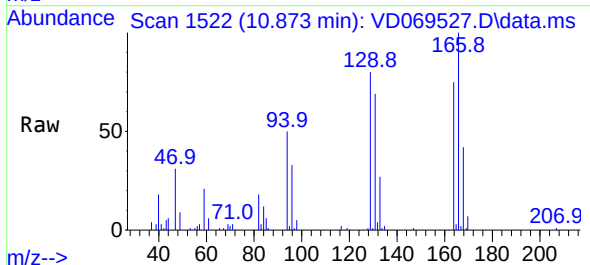
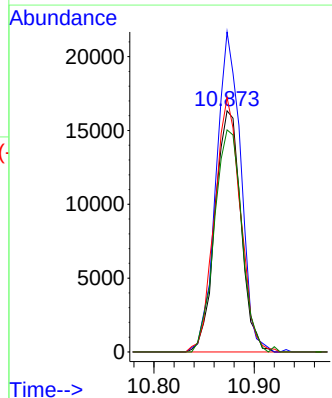
Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.8	70.2
119	32.4	26.2	39.2

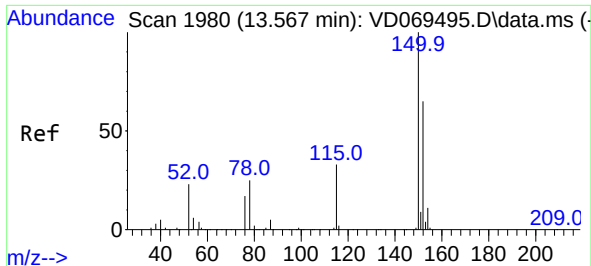


#64
Tetrachloroethene
Concen: 5.833 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069527.D
Acq: 22 Jun 2021 20:25

Tgt Ion:164 Resp: 29231

Ion	Ratio	Lower	Upper
164	100		
166	132.7	102.6	153.8
129	105.5	79.1	118.7
131	92.1	76.4	114.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069527.D
 Acq: 22 Jun 2021 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 B1-6-8

Tgt Ion:152 Resp: 355612
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.7 95.1
 150 157.3 0.0 350.8

