

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069128.D
 Acq On : 10 May 2021 17:39
 Operator : VA/SY
 Sample : M2325-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: May 11 01:04:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

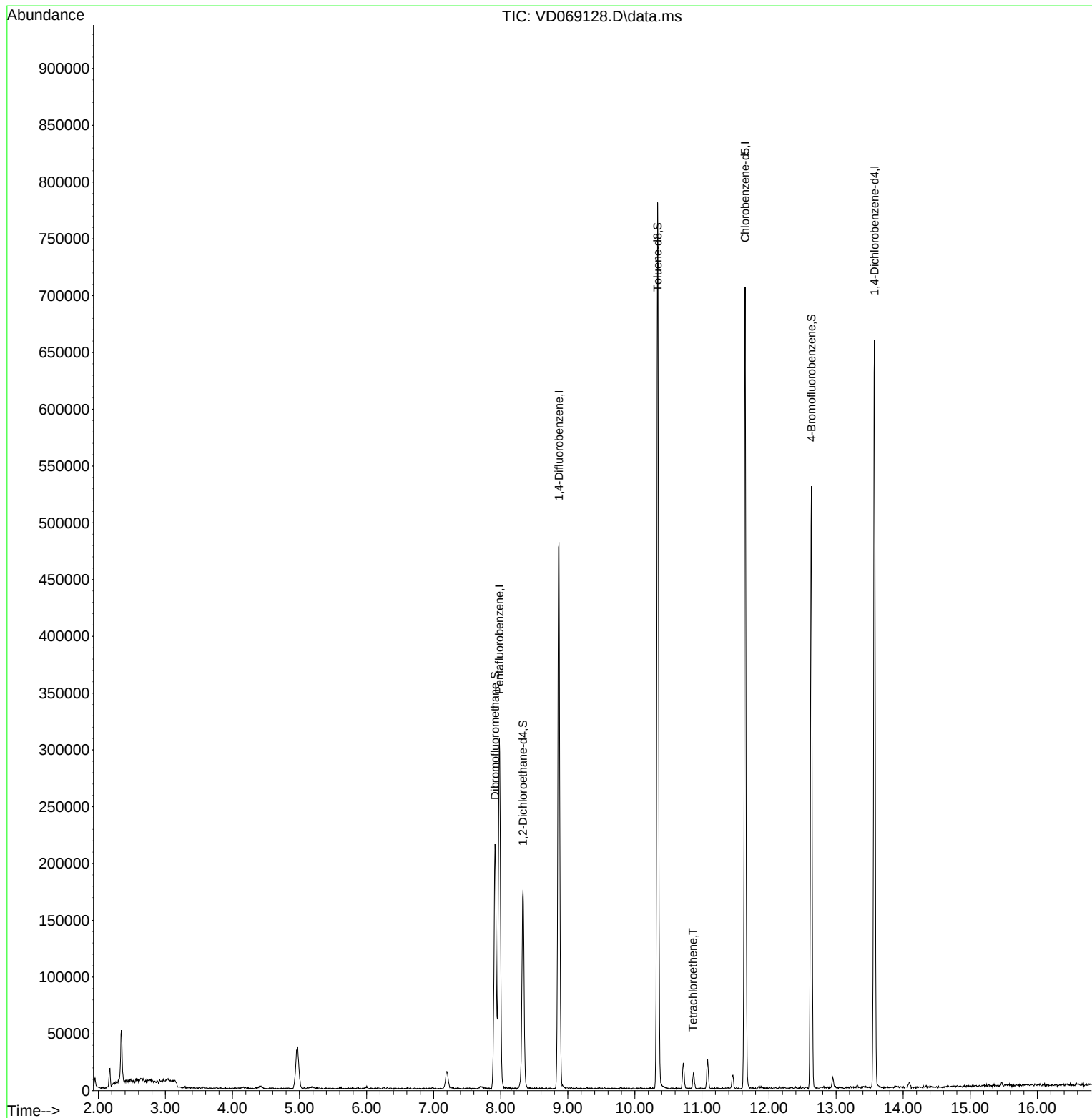
Internal Standards						
1) Pentafluorobenzene	7.979	168	226557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	424527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	410650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	177992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138598	47.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.94%
35) Dibromofluoromethane	7.914	113	151278	51.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.92%
50) Toluene-d8	10.338	98	532362	49.53	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.06%
62) 4-Bromofluorobenzene	12.632	95	161148	45.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.16%
Target Compounds						
64) Tetrachloroethene	10.867	164	2991	1.13	ug/l	Qvalue 95

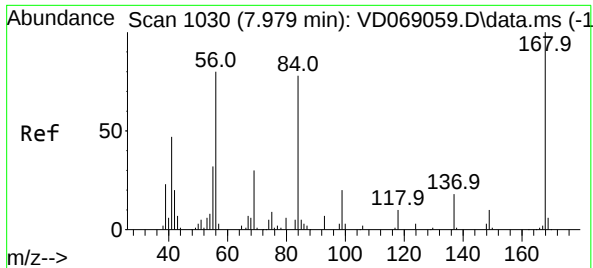
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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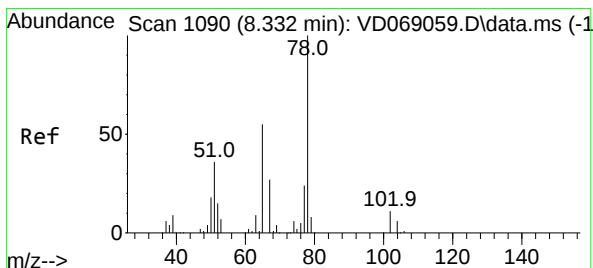
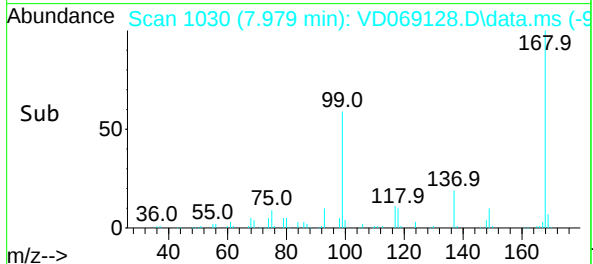
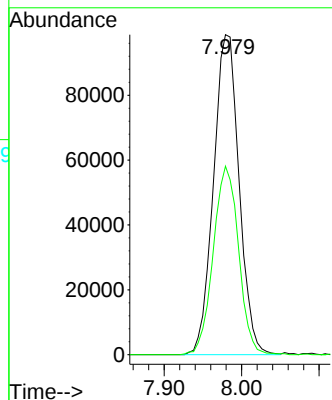
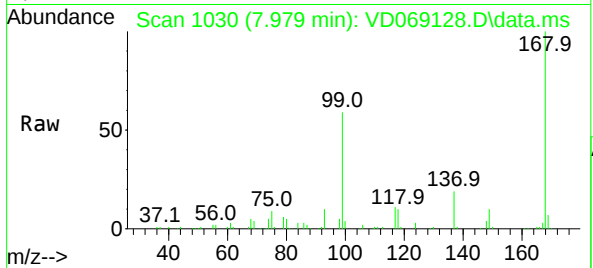




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069128.D
Acq: 10 May 2021 17:39

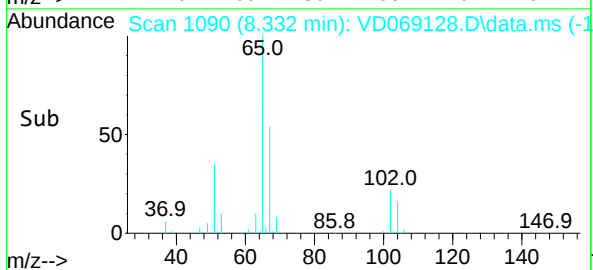
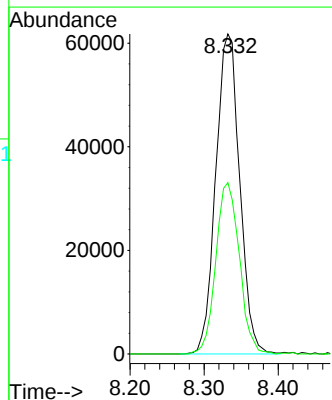
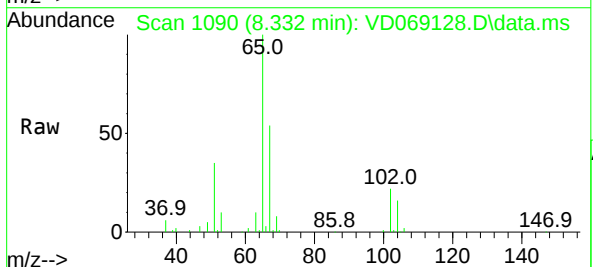
Instrument :
MSVOA_D
ClientSampled :
VOC

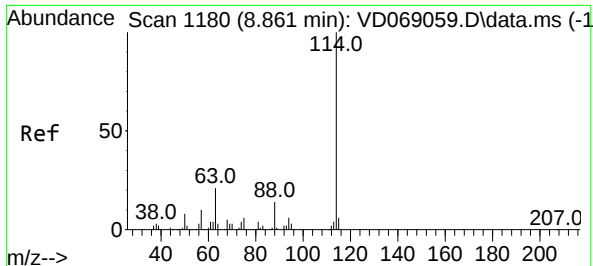
Tgt Ion:168 Resp: 226557
Ion Ratio Lower Upper
168 100
99 58.9 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 47.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069128.D
Acq: 10 May 2021 17:39

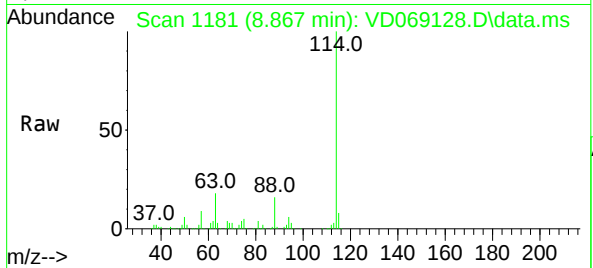
Tgt Ion: 65 Resp: 138598
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4



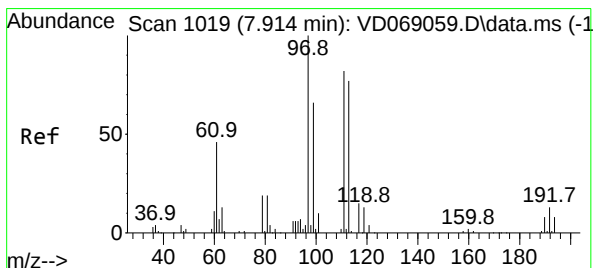
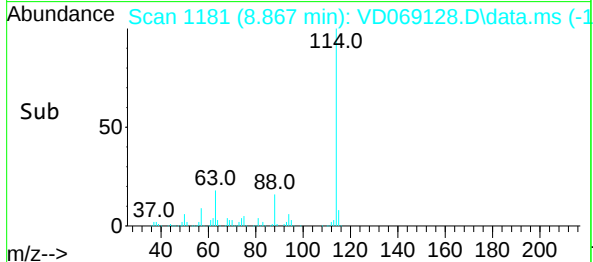
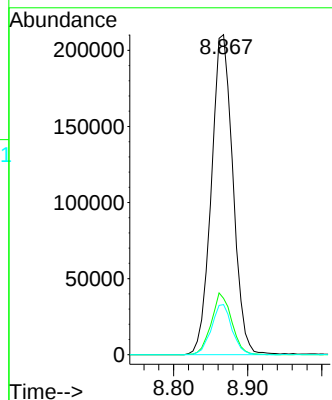


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069128.D
Acq: 10 May 2021 17:39

Instrument :
MSVOA_D
ClientSampled :
VOC

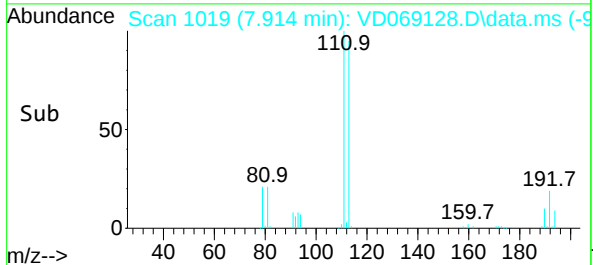
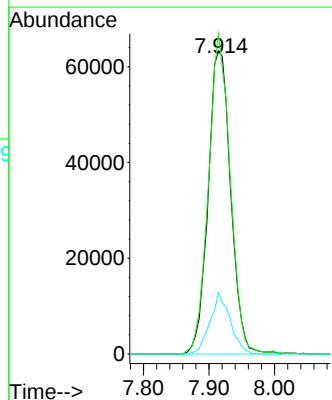
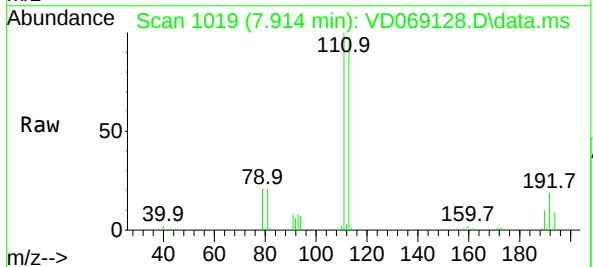


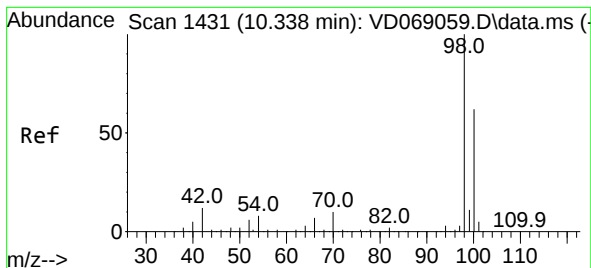
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	41.4
88	15.6	0.0	27.8



#35
Dibromofluoromethane
Concen: 51.96 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069128.D
Acq: 10 May 2021 17:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	84.6	126.8
192	18.1	13.5	20.3

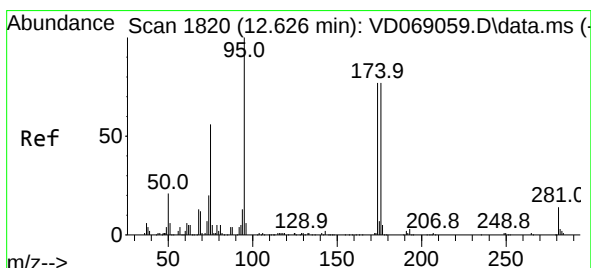
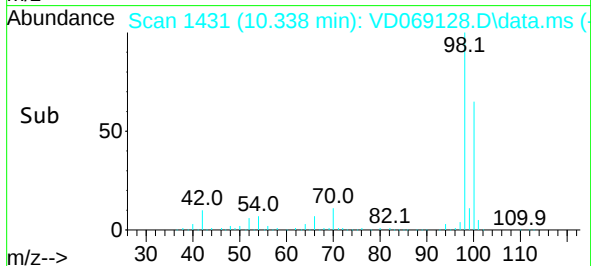
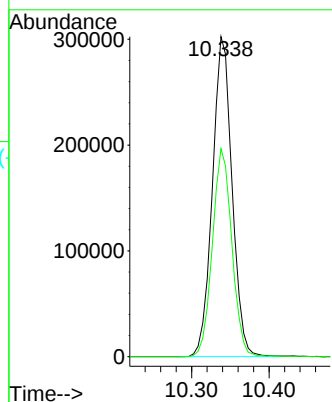
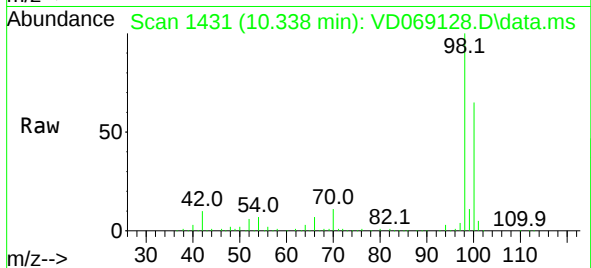




#50
Toluene-d8
Concen: 49.53 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069128.D
Acq: 10 May 2021 17:39

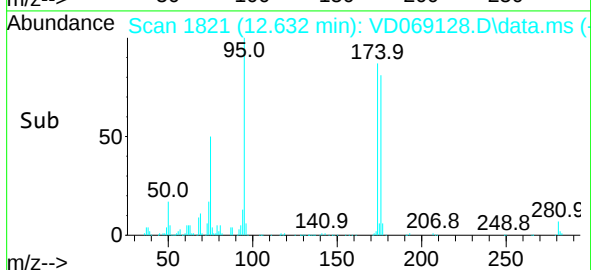
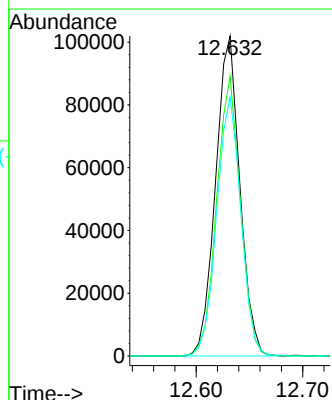
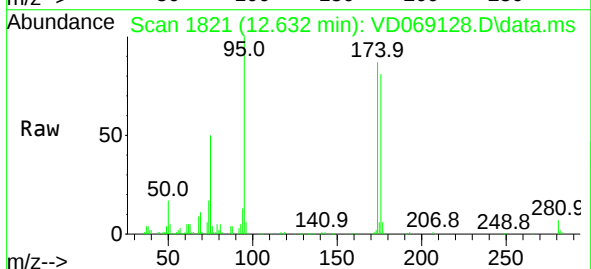
Instrument :
MSVOA_D
ClientSampleId :
VOC

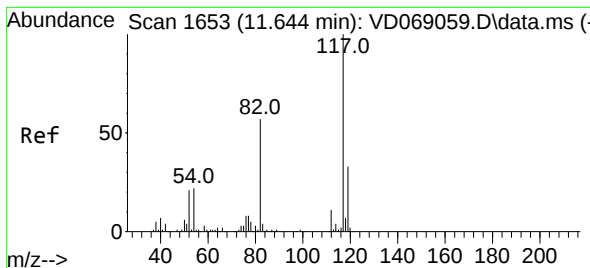
Tgt Ion: 98 Resp: 532362
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069128.D
Acq: 10 May 2021 17:39

Tgt Ion: 95 Resp: 161148
Ion Ratio Lower Upper
95 100
174 85.6 0.0 156.0
176 80.5 0.0 149.4

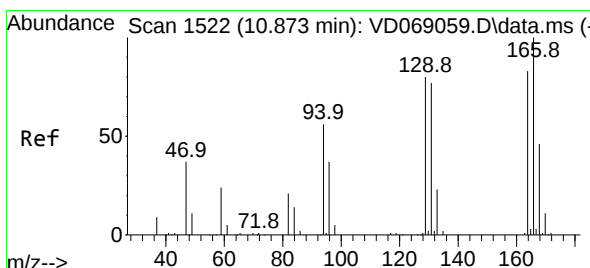
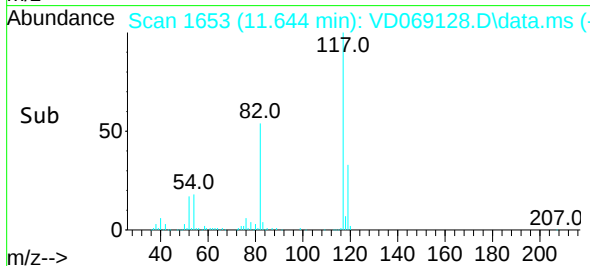
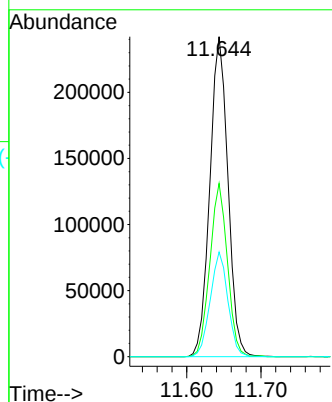
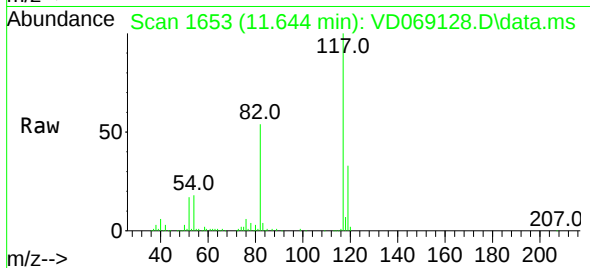




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069128.D
Acq: 10 May 2021 17:39

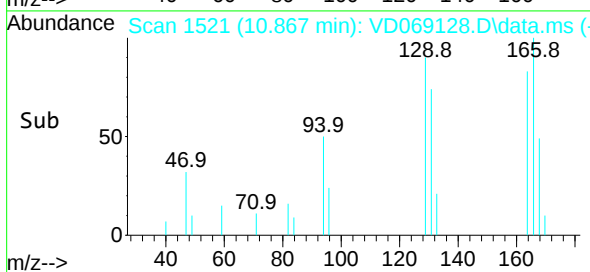
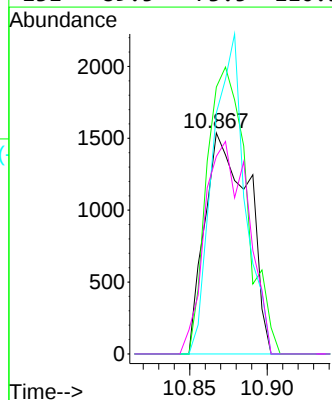
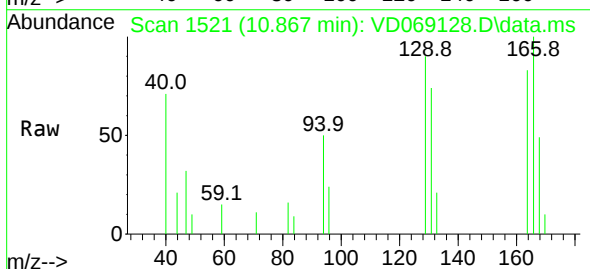
Instrument :
MSVOA_D
ClientSampled :
VOC

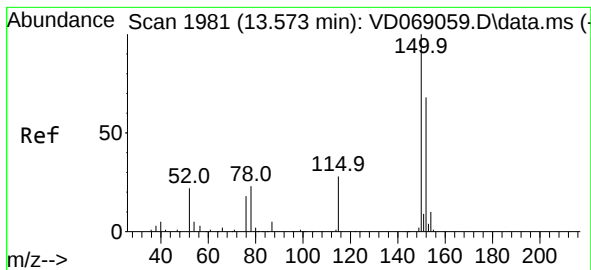
Tgt Ion:117 Resp: 410650
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.2
119 32.7 26.8 40.2



#64
Tetrachloroethene
Concen: 1.13 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD069128.D
Acq: 10 May 2021 17:39

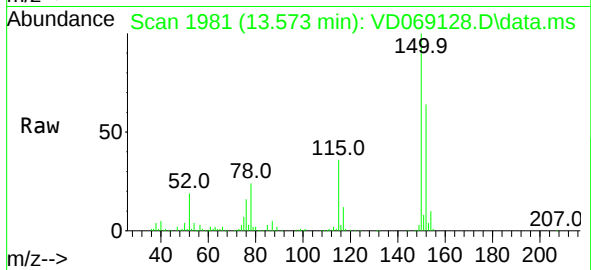
Tgt Ion:164 Resp: 2991
Ion Ratio Lower Upper
164 100
166 120.8 96.0 144.0
129 109.1 76.8 115.2
131 89.5 73.5 110.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069128.D
 Acq: 10 May 2021 17:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC



Tgt Ion:152 Resp: 177992
 Ion Ratio Lower Upper
 152 100
 115 59.0 30.5 91.5
 150 157.8 0.0 340.8

