

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068464.D
 Acq On : 26 Feb 2021 18:49
 Operator : VA/SY
 Sample : M1518-01
 Misc : 11.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Feb 26 21:50:07 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)

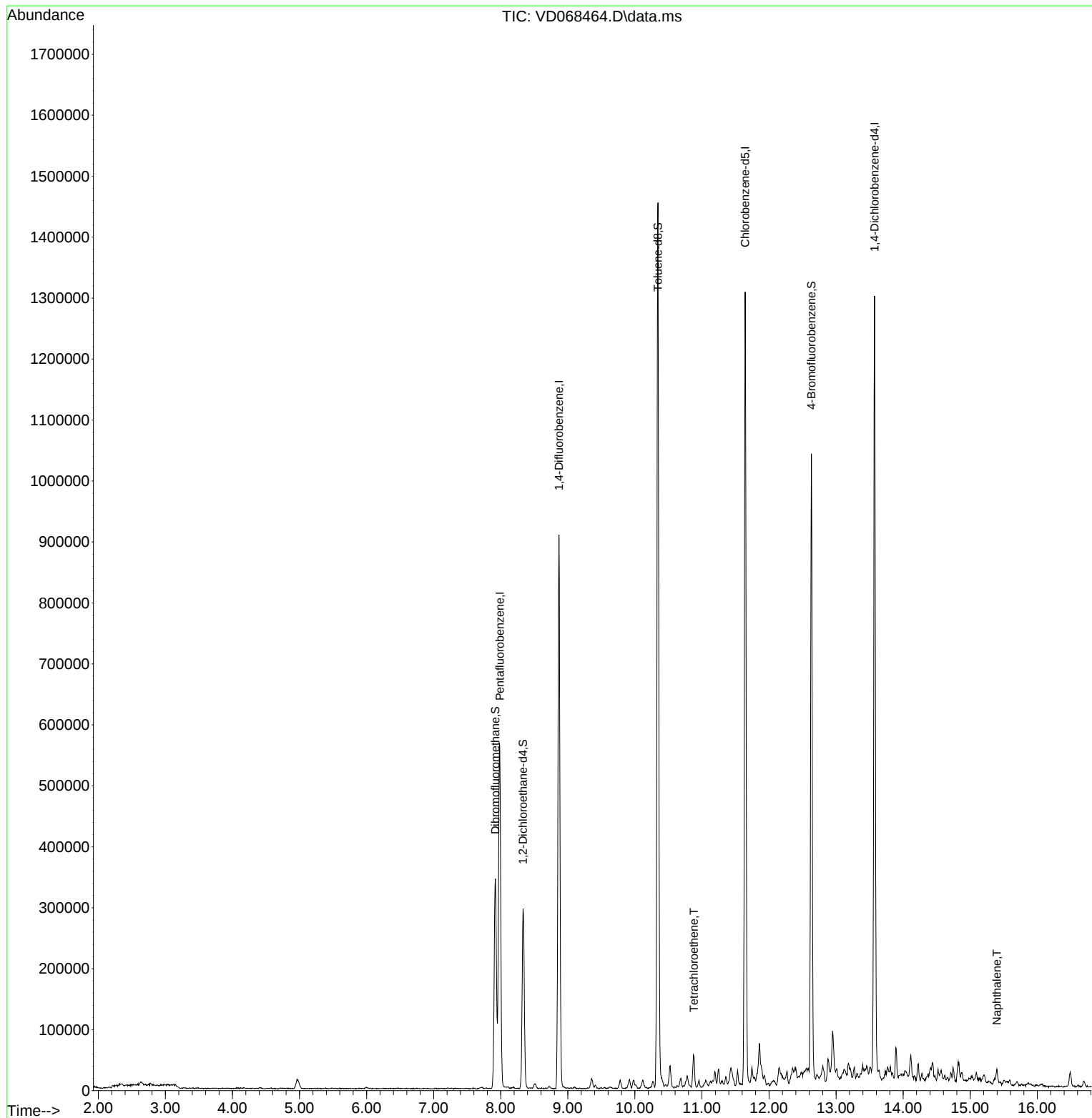
Internal Standards						
1) Pentafluorobenzene	7.985	168	452325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	824806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	776724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	353360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	235106	52.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.04%	
35) Dibromofluoromethane	7.920	113	252704	50.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.72%	
50) Toluene-d8	10.344	98	1025108	51.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.60%	
62) 4-Bromofluorobenzene	12.632	95	340879	53.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.88%	
Target Compounds						
64) Tetrachloroethene	10.879	164	12963	2.56	ug/l	Qvalue 90
95) Naphthalene	15.396	128	20687	1.49	ug/l	# 93

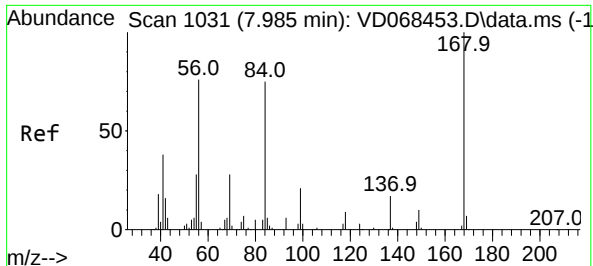
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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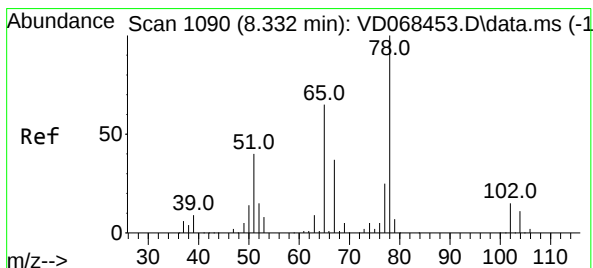
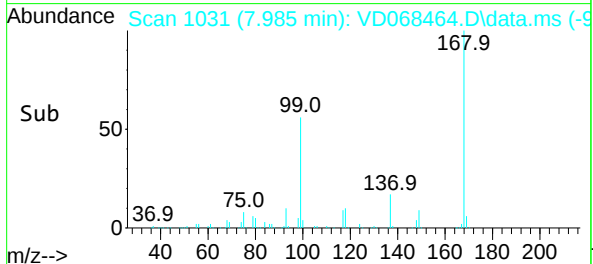
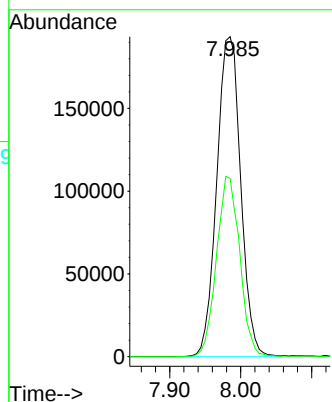
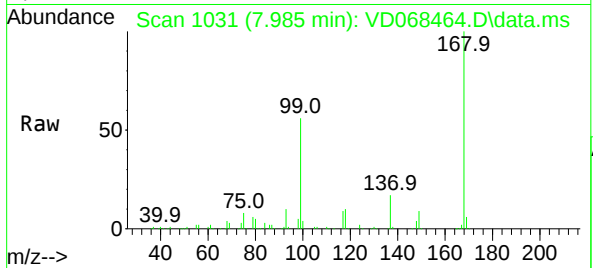




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

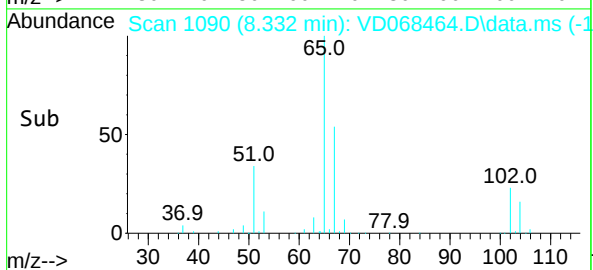
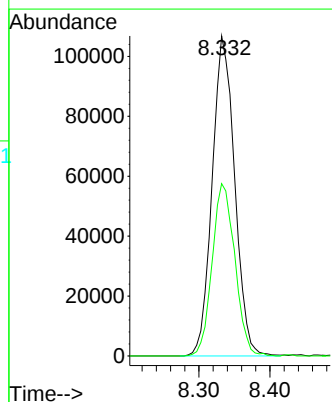
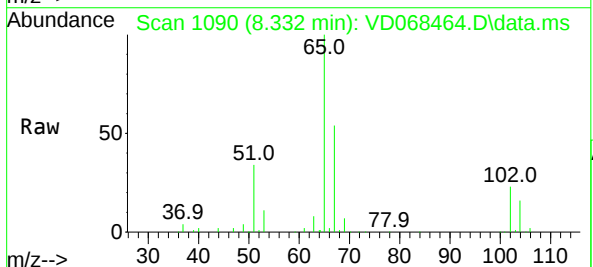
Instrument :
MSVOA_D
ClientSampleId :
SB-1

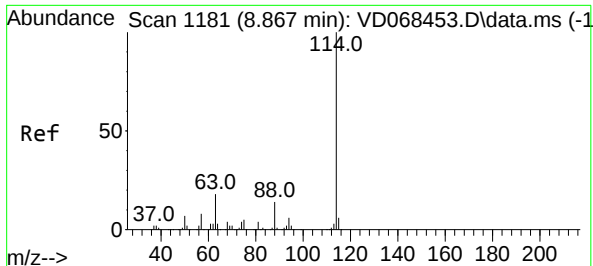
Tgt Ion:168 Resp: 452325
Ion Ratio Lower Upper
168 100
99 55.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion: 65 Resp: 235106
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.0



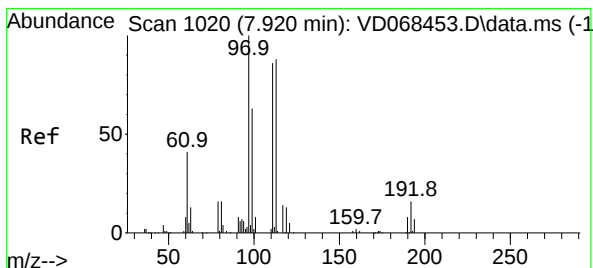
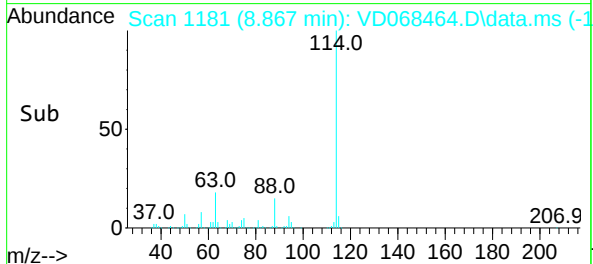
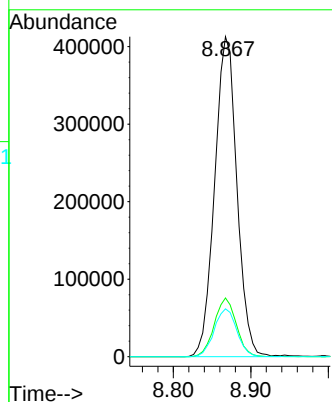
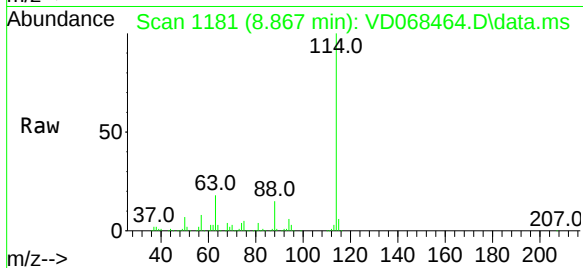


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Instrument :
MSVOA_D
ClientSampled :
SB-1

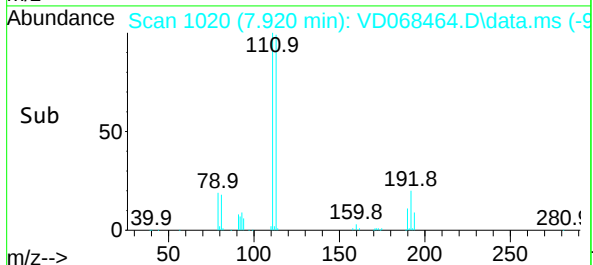
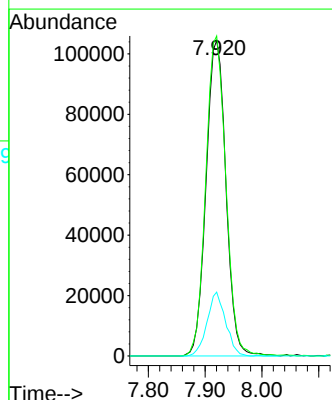
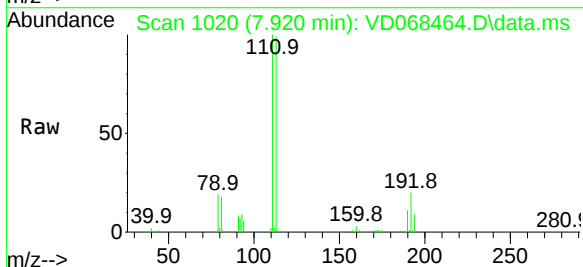
Tgt Ion:	114	Resp:	824806
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	34.8
88	15.0	0.0	31.6

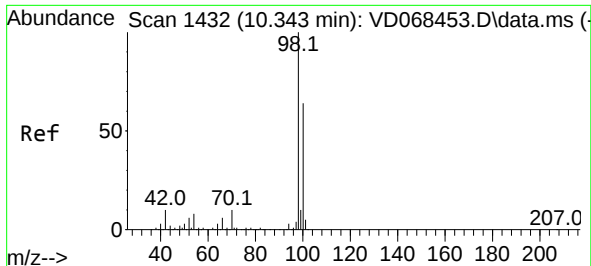


#35

Dibromofluoromethane
Concen: 50.86 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion:	113	Resp:	252704
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.0
192	18.9	16.1	24.1

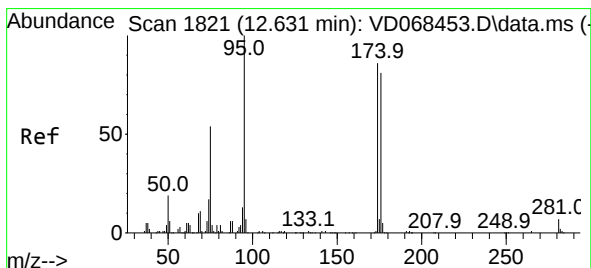
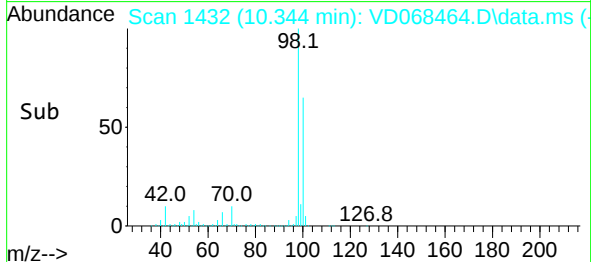
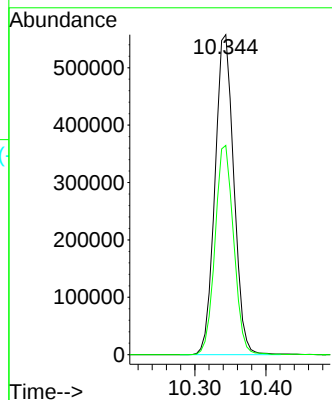
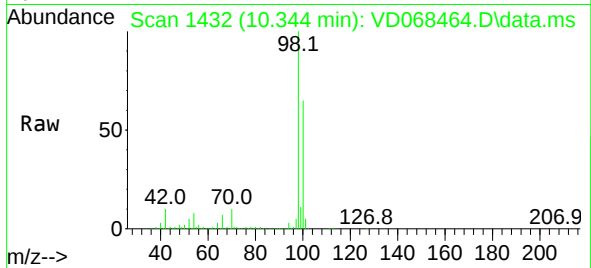




#50
Toluene-d8
Concen: 51.80 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

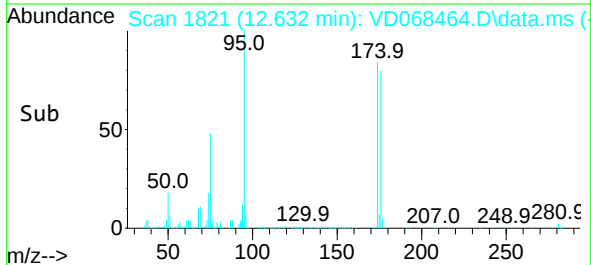
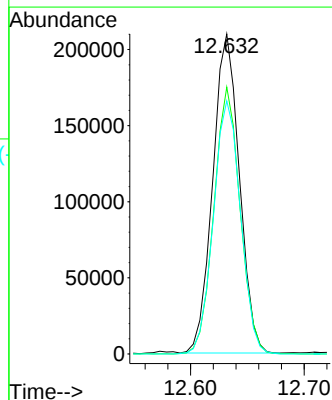
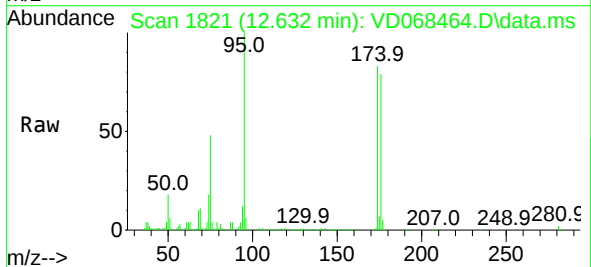
Instrument :
MSVOA_D
ClientSampled :
SB-1

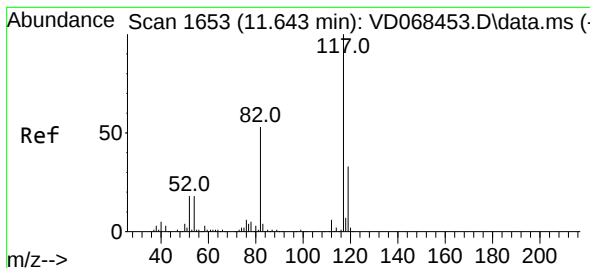
Tgt Ion: 98 Resp: 1025108
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion: 95 Resp: 340879
Ion Ratio Lower Upper
95 100
174 82.4 0.0 172.4
176 80.6 0.0 168.4

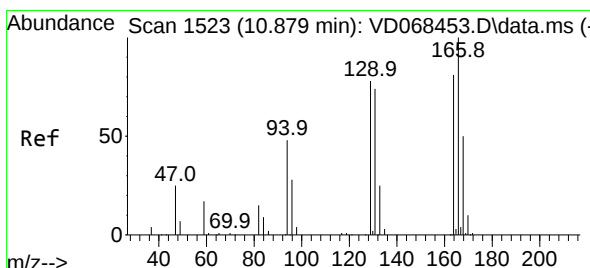
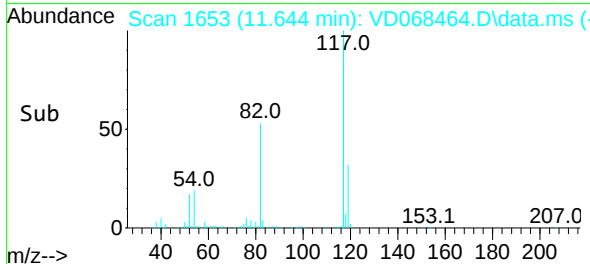
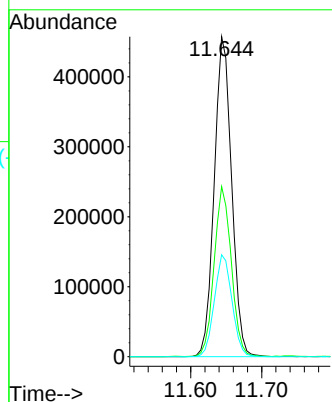
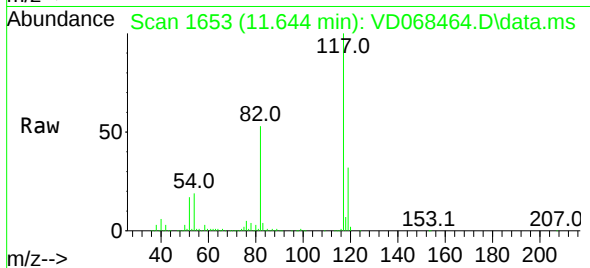




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

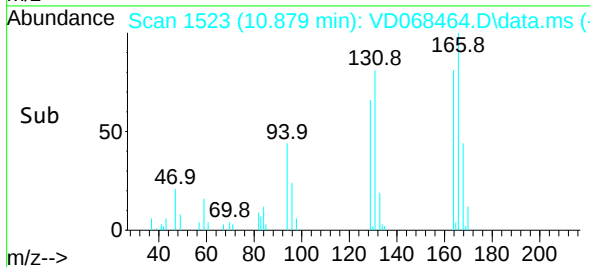
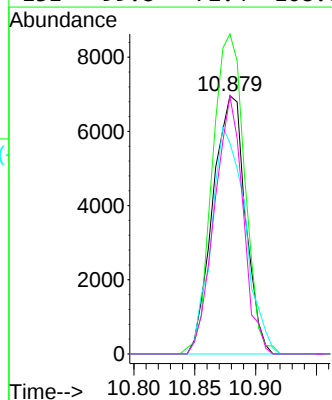
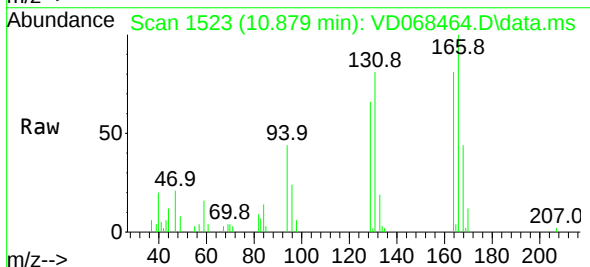
Instrument :
MSVOA_D
ClientSampled :
SB-1

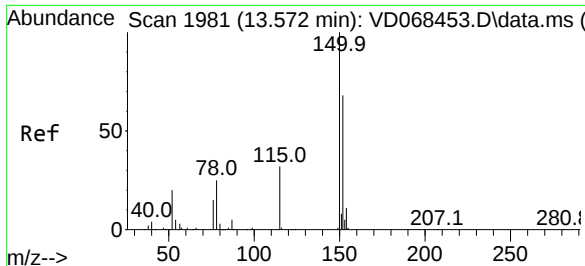
Tgt Ion:117 Resp: 776724
Ion Ratio Lower Upper
117 100
82 53.1 41.4 62.0
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 2.56 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion:164 Resp: 12963
Ion Ratio Lower Upper
164 100
166 123.9 105.5 158.3
129 81.6 75.6 113.4
131 99.8 72.4 108.6

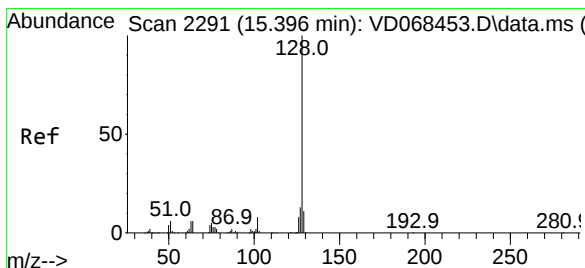
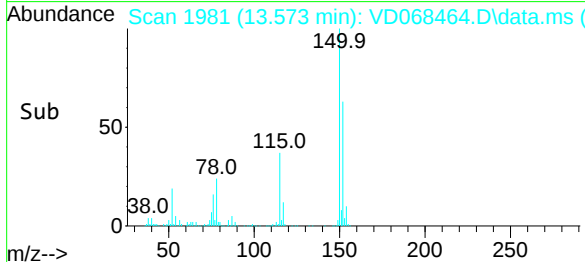
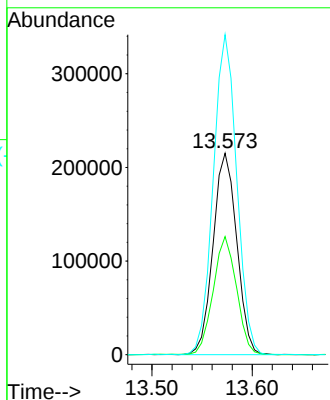
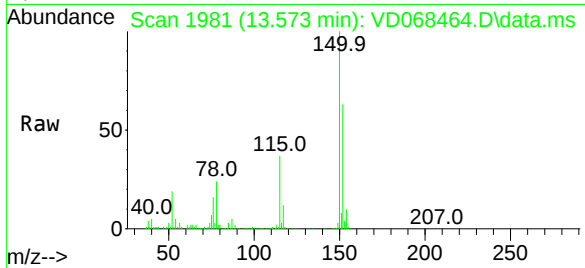




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Instrument :
MSVOA_D
ClientSampled :
SB-1

Tgt Ion:152 Resp: 353360
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.8
150 157.6 0.0 344.4



#95
Naphthalene
Concen: 1.49 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068464.D
Acq: 26 Feb 2021 18:49

Tgt Ion:128 Resp: 20687
Ion Ratio Lower Upper
128 100
127 15.1 10.2 15.2
129 14.5 8.8 13.2#

