

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068564.D
 Acq On : 08 Mar 2021 17:06
 Operator : VA/SY
 Sample : M1601-01
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-3

Quant Time: Mar 09 00:11:59 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)

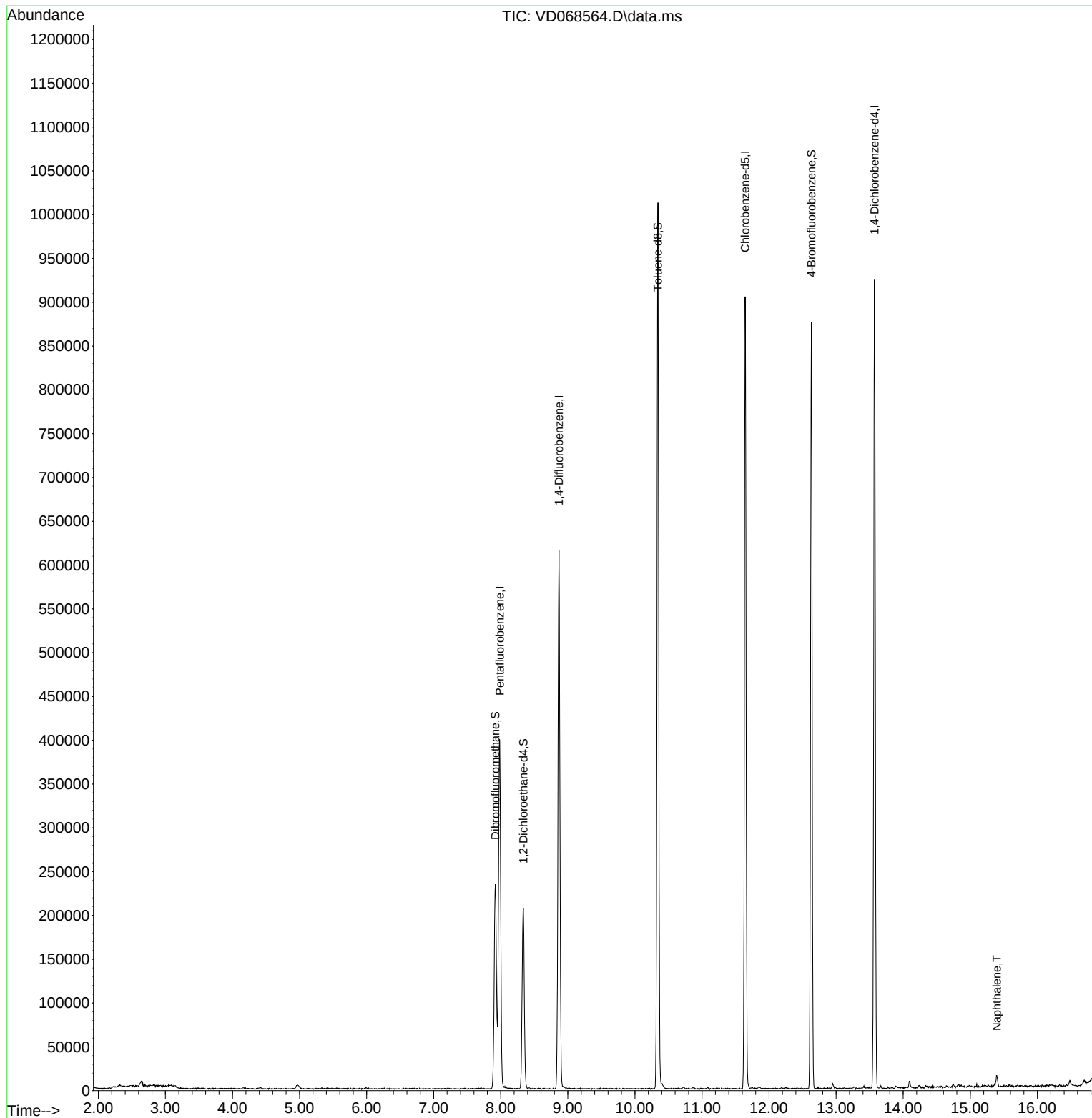
Internal Standards						
1) Pentafluorobenzene	7.985	168	309581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	552022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	540042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	251738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	166068	53.69	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.38%			
35) Dibromofluoromethane	7.920	113	169660	51.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.04%			
50) Toluene-d8	10.343	98	703965	53.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.30%			
62) 4-Bromofluorobenzene	12.632	95	229877	53.85	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.70%			
Target Compounds						
95) Naphthalene	15.396	128	11441	1.16	ug/l	Qvalue 97

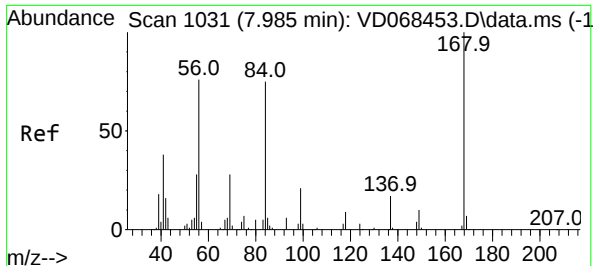
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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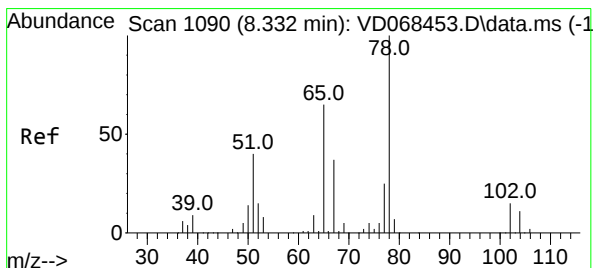
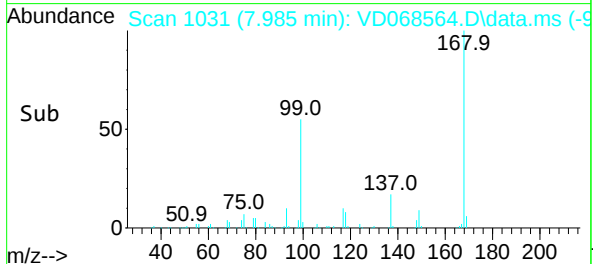
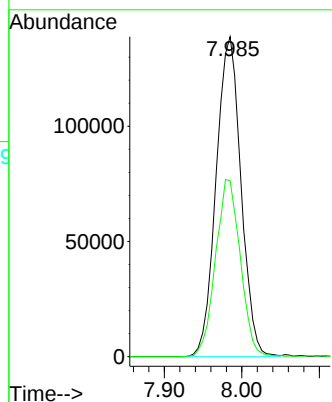
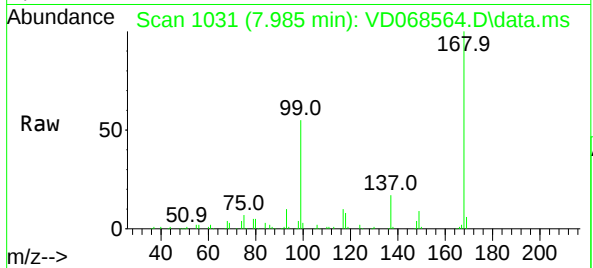




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068564.D
Acq: 08 Mar 2021 17:06

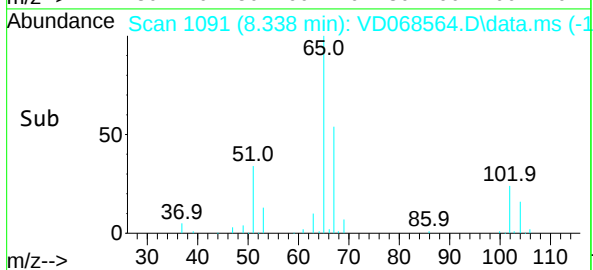
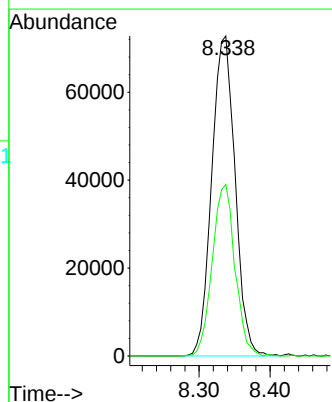
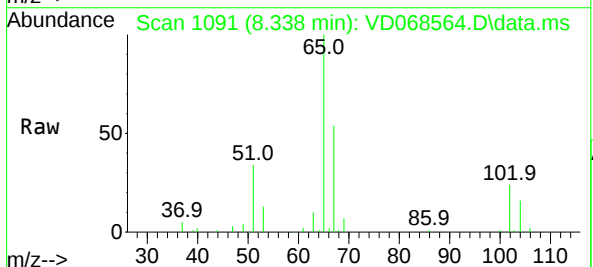
Instrument :
MSVOA_D
ClientSampleId :
BIN-3

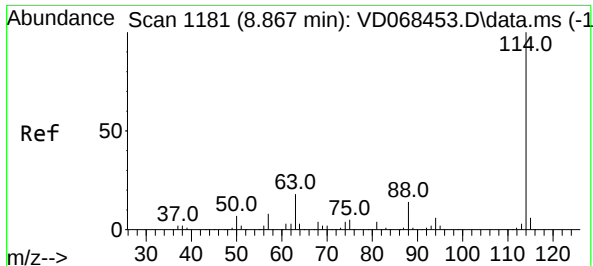
Tgt Ion:168 Resp: 309581
Ion Ratio Lower Upper
168 100
99 55.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 53.69 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068564.D
Acq: 08 Mar 2021 17:06

Tgt Ion: 65 Resp: 166068
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

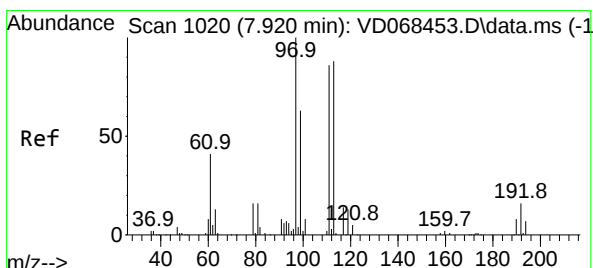
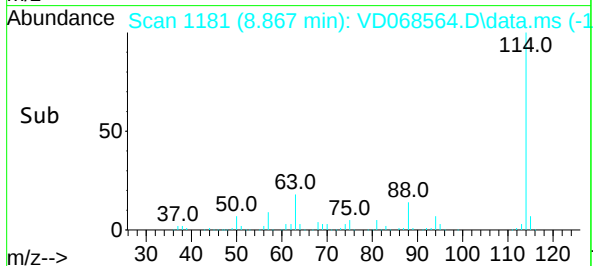
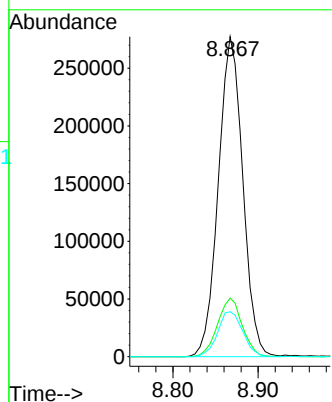
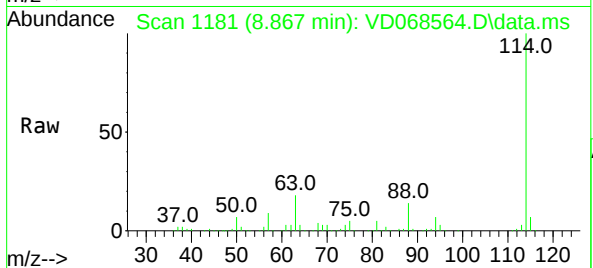




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068564.D
Acq: 08 Mar 2021 17:06

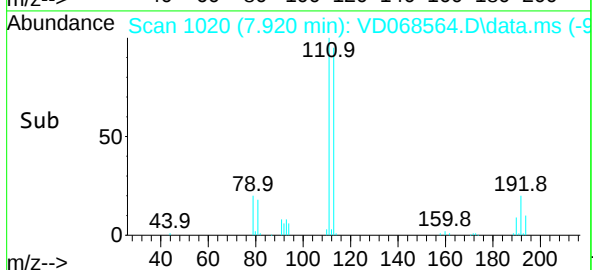
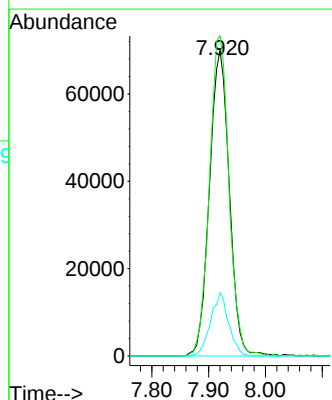
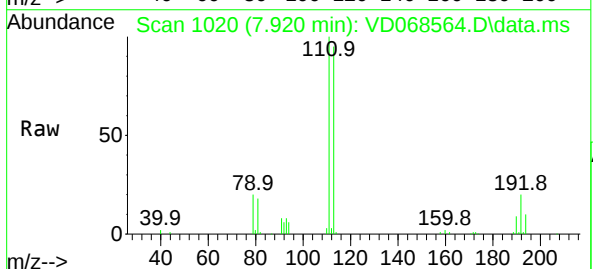
Instrument :
MSVOA_D
ClientSampled :
BIN-3

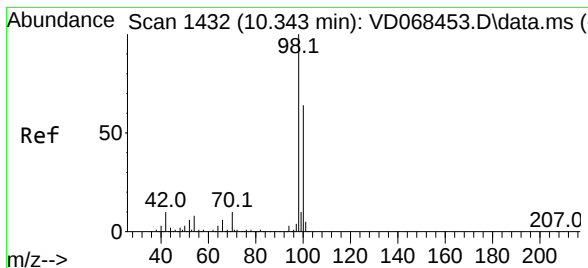
Tgt Ion:114 Resp: 552022
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.8
88 14.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.02 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068564.D
Acq: 08 Mar 2021 17:06

Tgt Ion:113 Resp: 169660
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 18.8 16.1 24.1

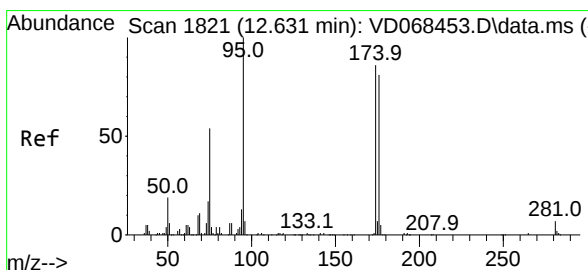
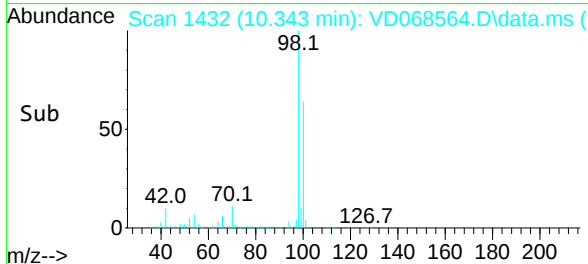
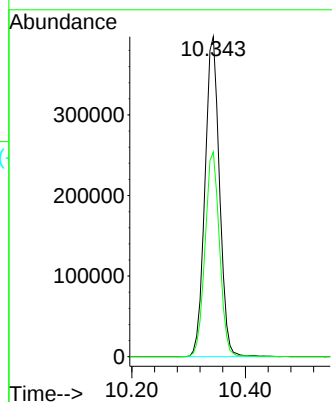
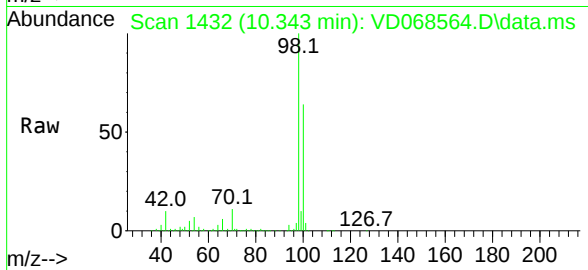




#50
Toluene-d8
Concen: 53.15 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068564.D
Acq: 08 Mar 2021 17:06

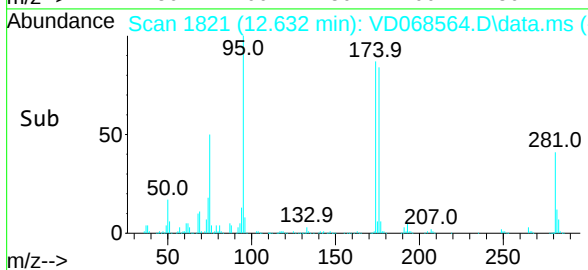
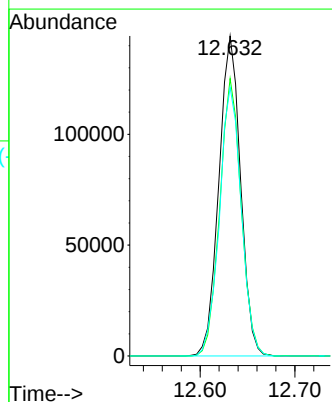
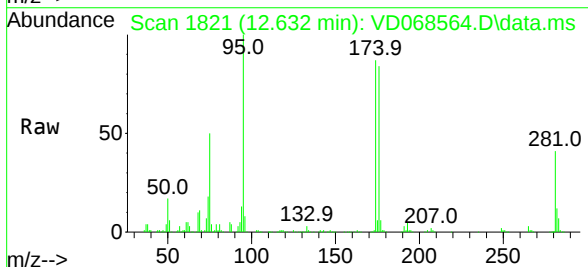
Instrument :
MSVOA_D
ClientSampled :
BIN-3

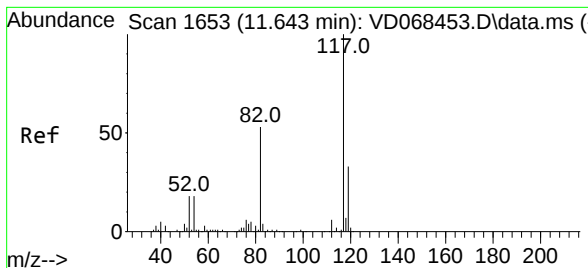
Tgt Ion: 98 Resp: 703965
Ion Ratio Lower Upper
98 100
100 63.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068564.D
Acq: 08 Mar 2021 17:06

Tgt Ion: 95 Resp: 229877
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.4
176 84.4 0.0 168.4

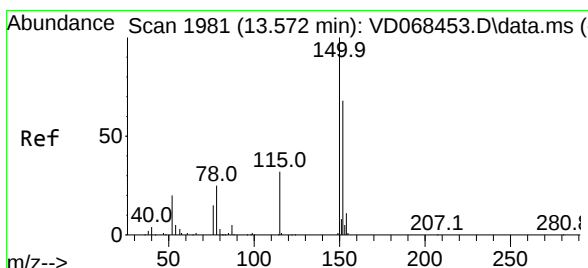
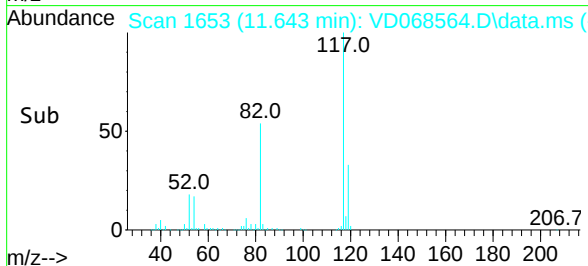
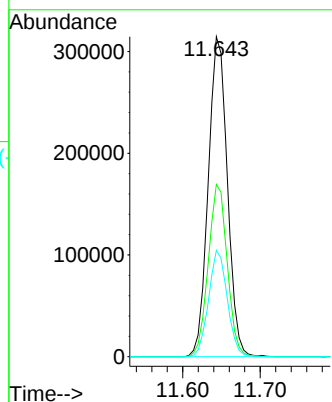
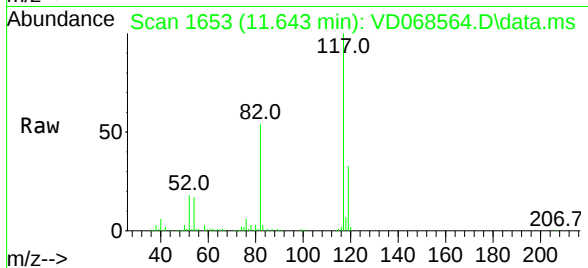




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068564.D
Acq: 08 Mar 2021 17:06

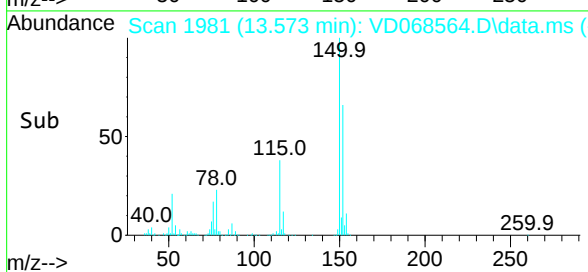
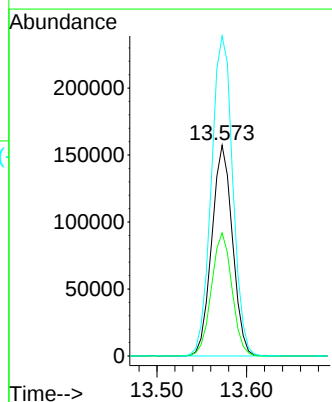
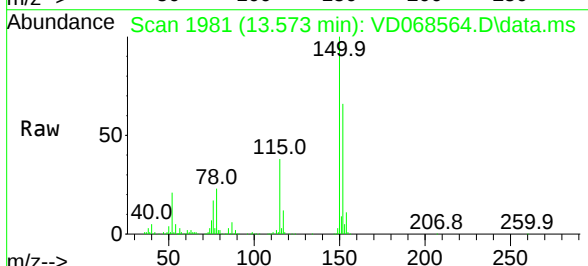
Instrument :
MSVOA_D
ClientSampled :
BIN-3

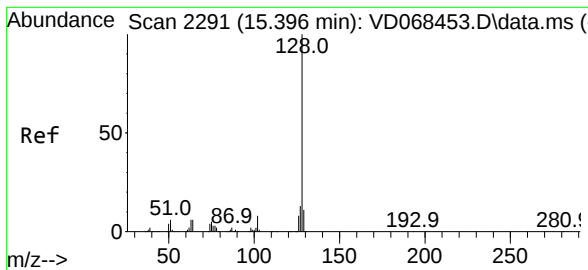
Tgt Ion:117 Resp: 540042
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 33.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068564.D
Acq: 08 Mar 2021 17:06

Tgt Ion:152 Resp: 251738
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 157.2 0.0 344.4





#95
Naphthalene
Concen: 1.16 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068564.D
Acq: 08 Mar 2021 17:06

Instrument :
MSVOA_D
ClientSampleId :
BIN-3

Tgt Ion:	128	Resp:	11441
Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.2	15.2
129	11.0	8.8	13.2

