

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012221\
 Data File : VD068158.D
 Acq On : 22 Jan 2021 16:44
 Operator : VA/SY
 Sample : M1220-03
 Misc : 5.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-B

Quant Time: Jan 23 00:00:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

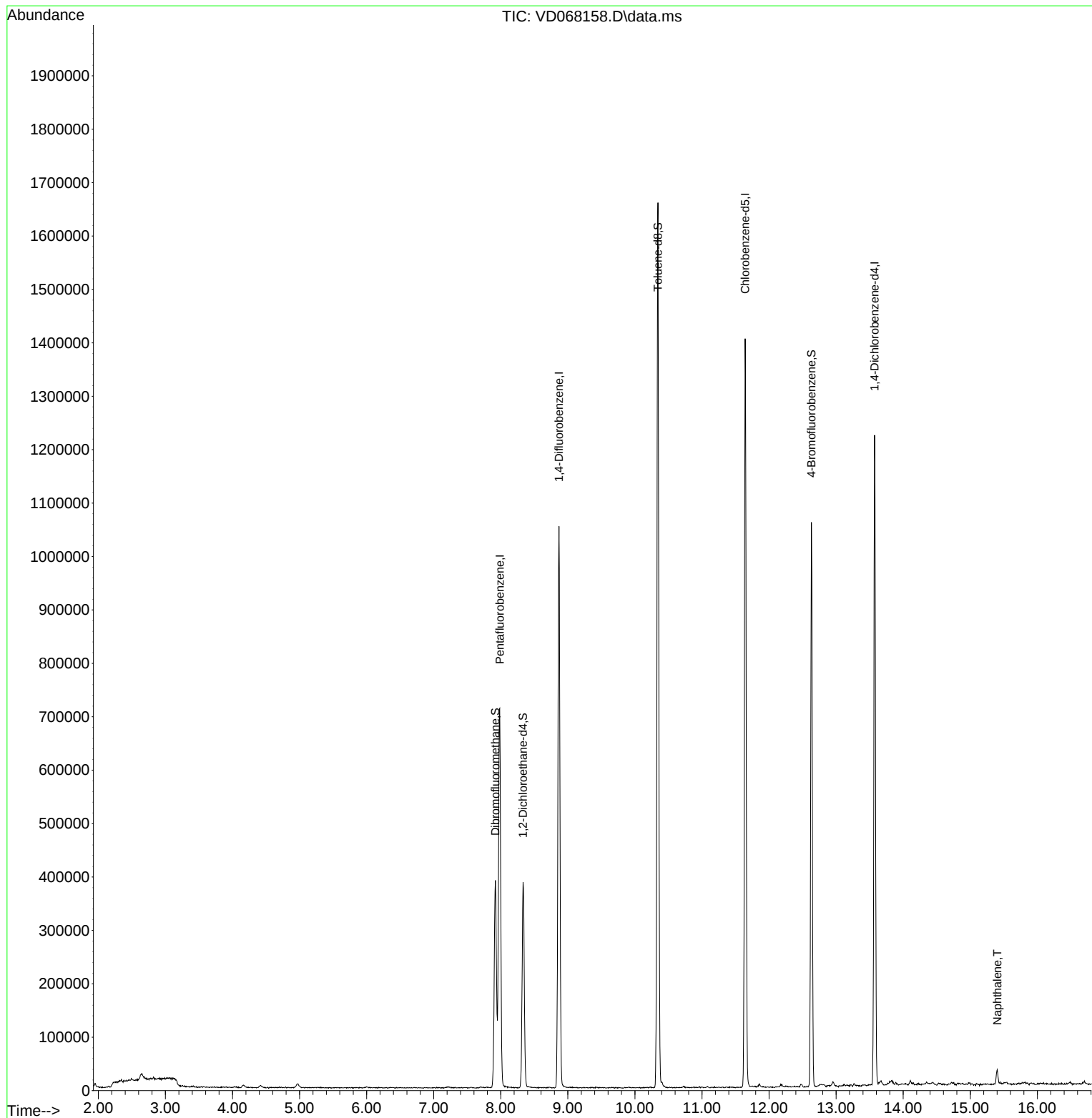
Internal Standards						
1) Pentafluorobenzene	7.985	168	543548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	952461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	823519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	333310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	309445	59.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.02%
35) Dibromofluoromethane	7.920	113	282827	53.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.42%
50) Toluene-d8	10.344	98	1170630	55.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.16%
62) 4-Bromofluorobenzene	12.632	95	369635	48.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.46%
Target Compounds						
95) Naphthalene	15.402	128	24604	1.95	ug/l	Qvalue 99

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

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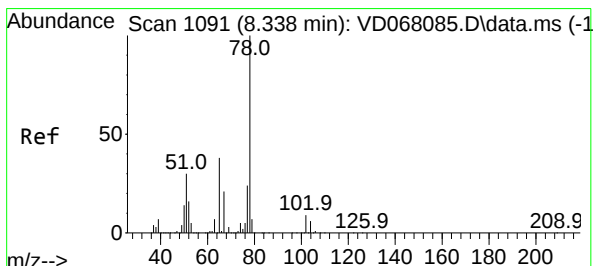
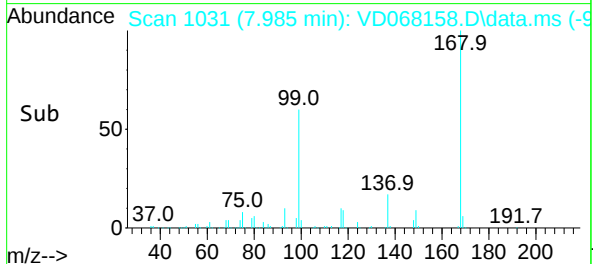
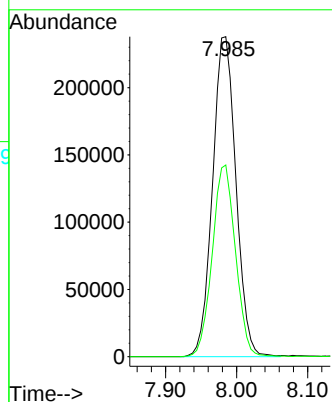
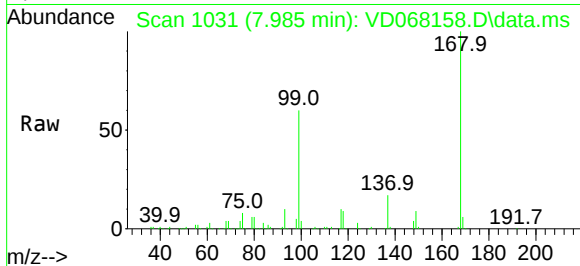




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

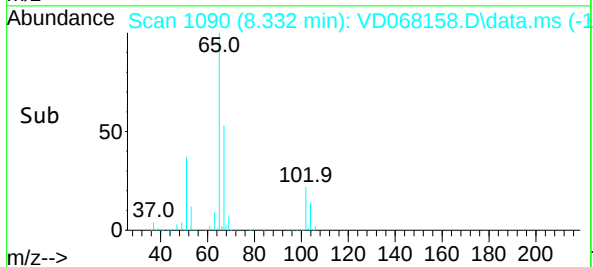
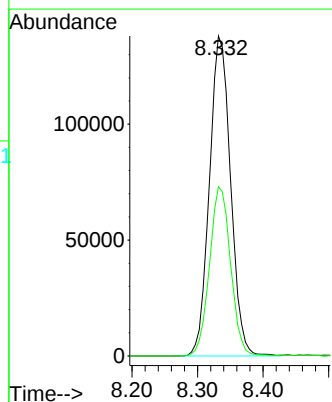
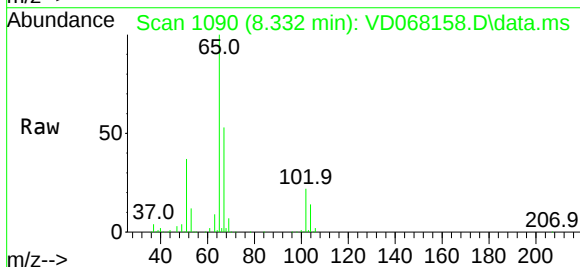
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

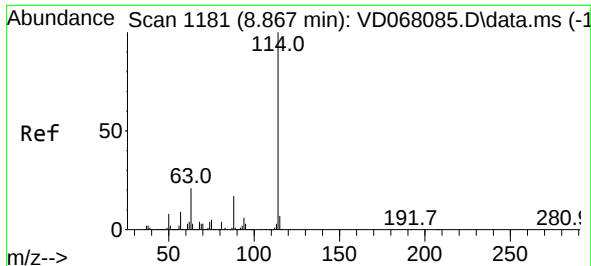
Tgt Ion:168 Resp: 543548
Ion Ratio Lower Upper
168 100
99 59.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 59.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion: 65 Resp: 309445
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0

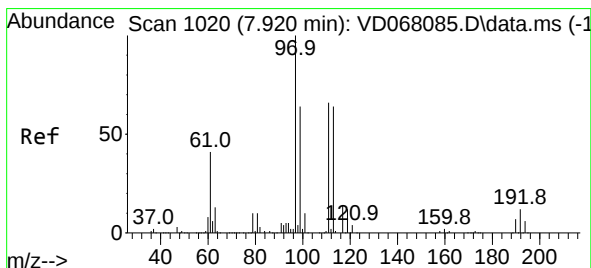
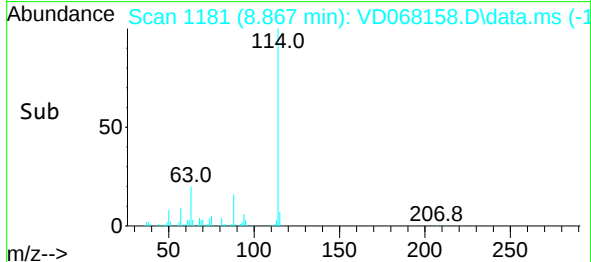
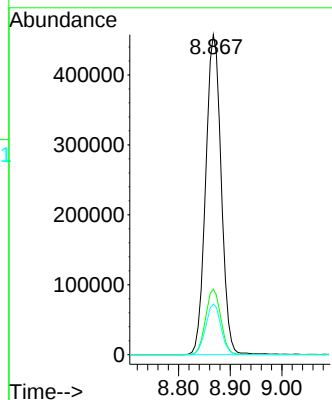
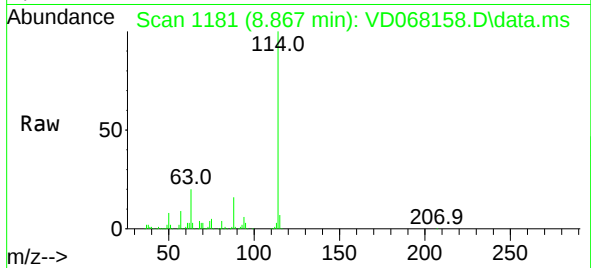




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

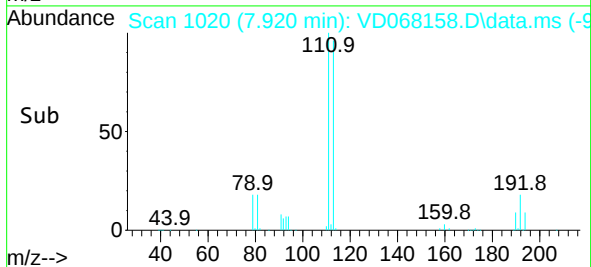
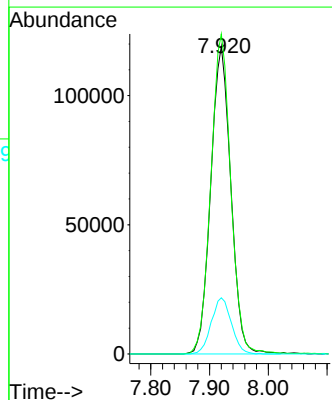
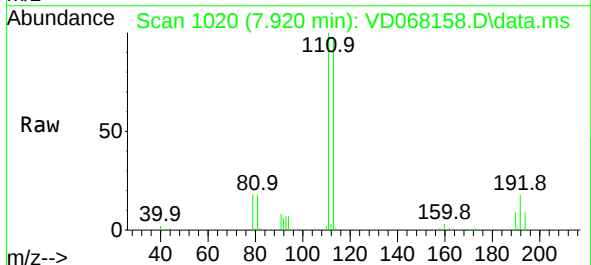
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

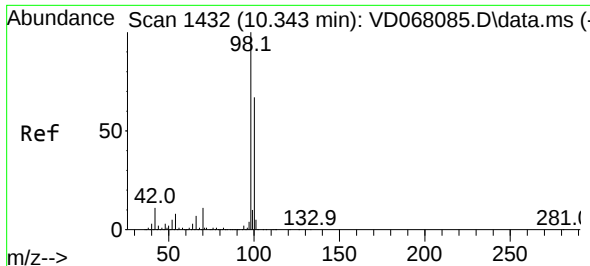
Tgt Ion:114 Resp: 952461
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 15.8 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.71 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion:113 Resp: 282827
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 18.2 16.1 24.1

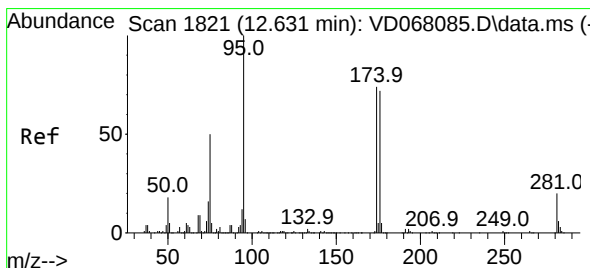
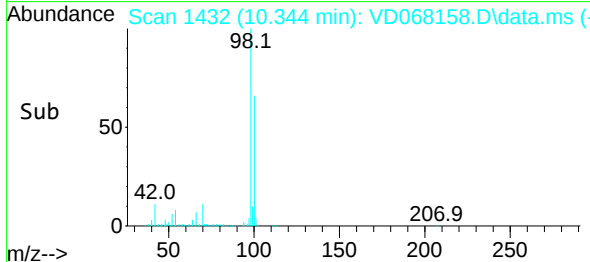
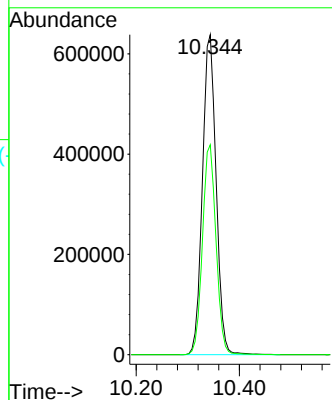
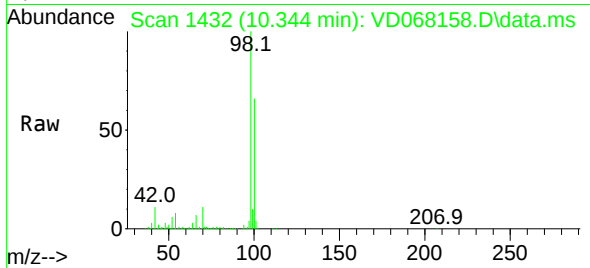




#50
Toluene-d8
Concen: 55.58 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

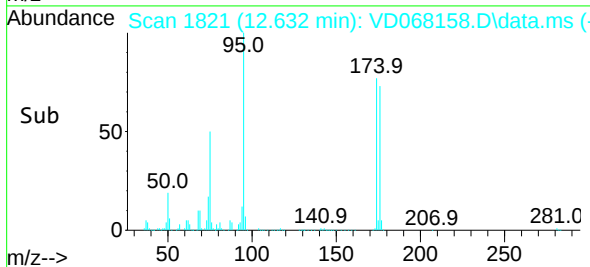
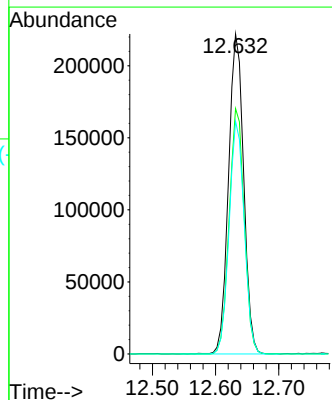
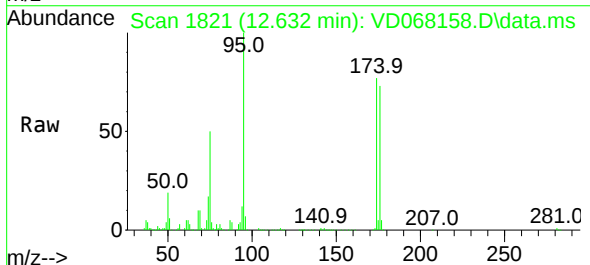
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

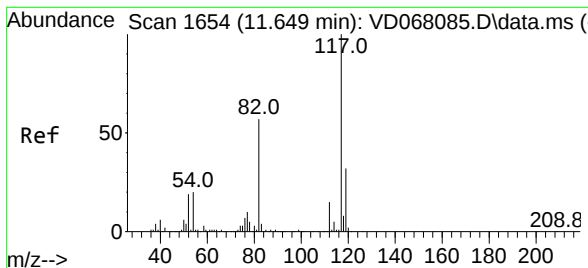
Tgt Ion: 98 Resp: 1170630
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion: 95 Resp: 369635
Ion Ratio Lower Upper
95 100
174 76.1 0.0 172.4
176 72.3 0.0 168.4

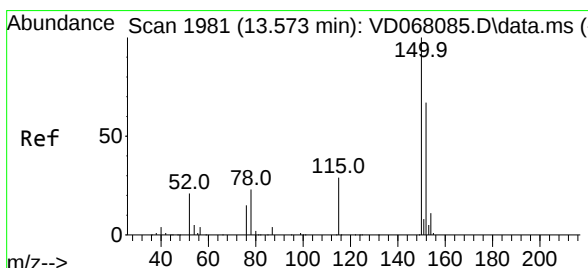
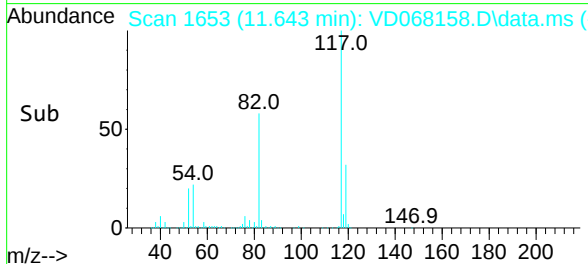
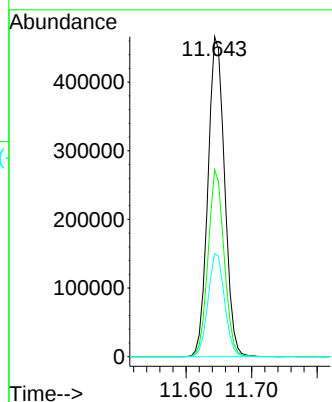
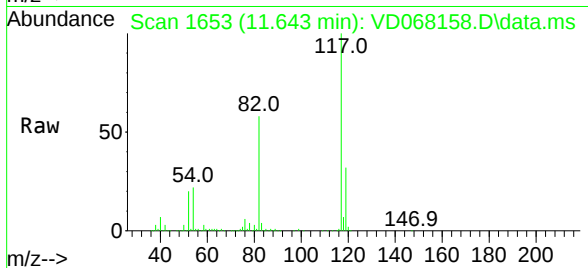




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

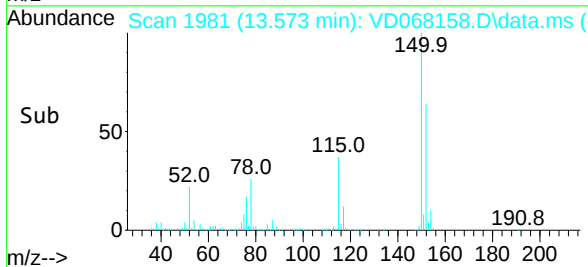
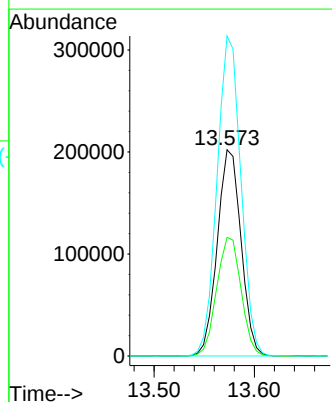
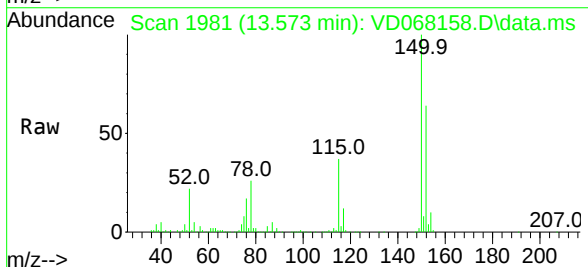
Instrument :
MSVOA_D
ClientSampleId :
SP1-B

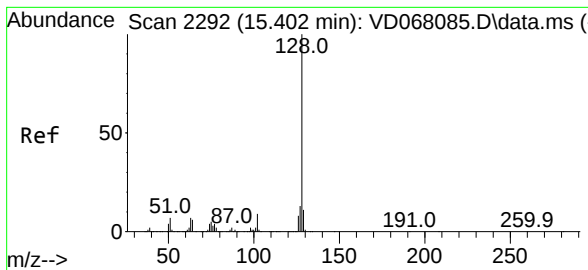
Tgt Ion:117 Resp: 823519
Ion Ratio Lower Upper
117 100
82 58.4 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Tgt Ion:152 Resp: 333310
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.8
150 155.5 0.0 344.4





#95
Naphthalene
Concen: 1.95 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068158.D
Acq: 22 Jan 2021 16:44

Instrument :
MSVOA_D
ClientSampleId :
SP1-B

Tgt Ion:128 Resp: 24604
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.8 13.2

