

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068833.D
 Acq On : 12 Apr 2021 15:40
 Operator : VA/SY
 Sample : M2003-01
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-4

Quant Time: Apr 13 01:10:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

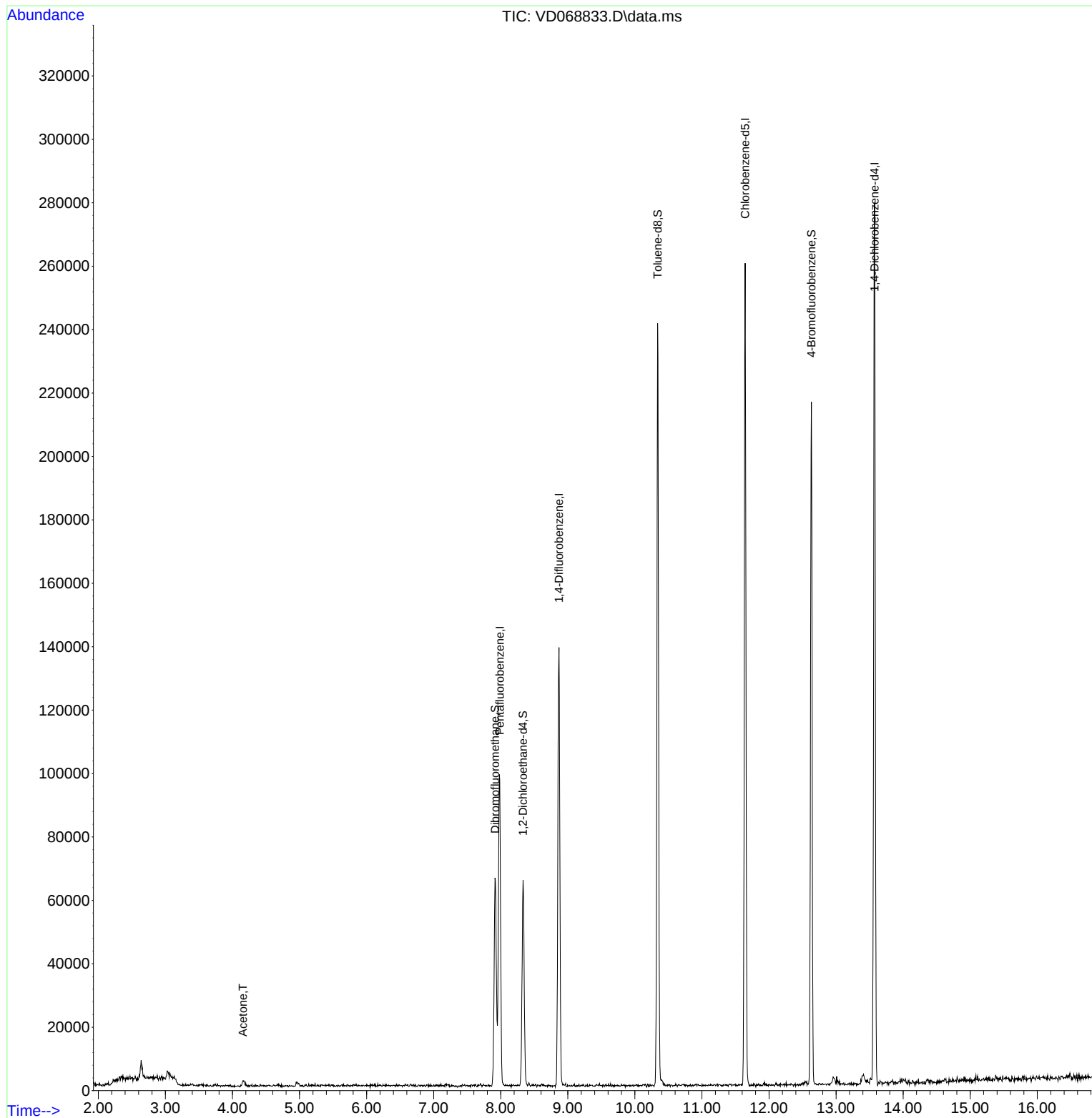
Internal Standards						
1) Pentafluorobenzene	7.985	168	78198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	130635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	156902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	80041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	51156	61.90	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.80%		
35) Dibromofluoromethane	7.914	113	47520	55.93	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.86%		
50) Toluene-d8	10.338	98	165474	51.62	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.24%		
62) 4-Bromofluorobenzene	12.632	95	70464	66.19	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 132.38%		
Target Compounds						
16) Acetone	4.156	43	3056	26.70	ug/l	Qvalue # 73

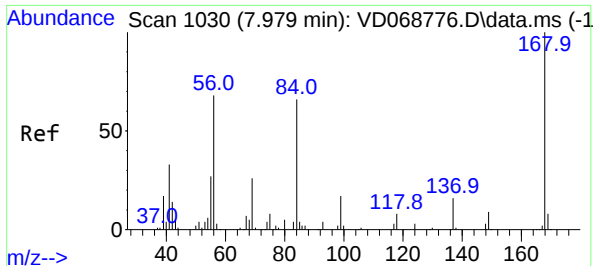
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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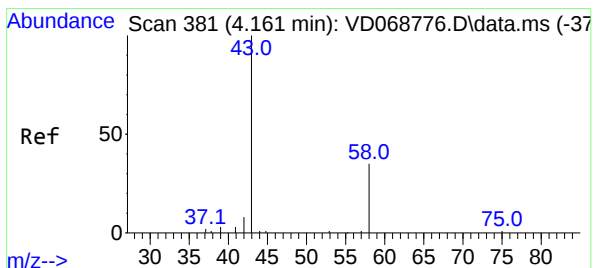
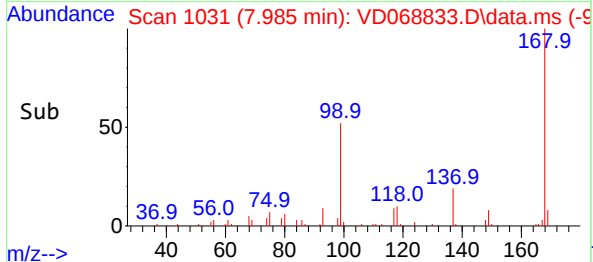
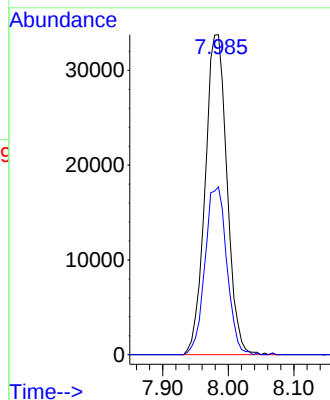
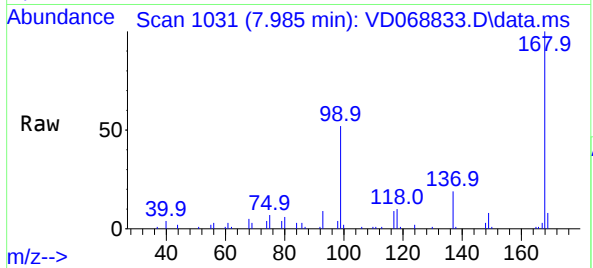




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

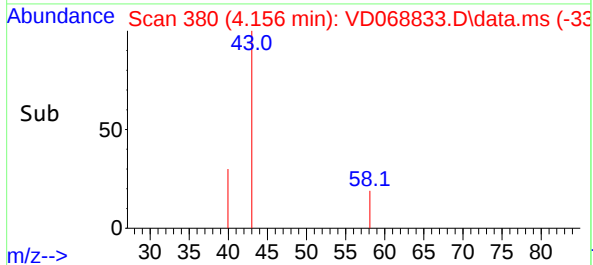
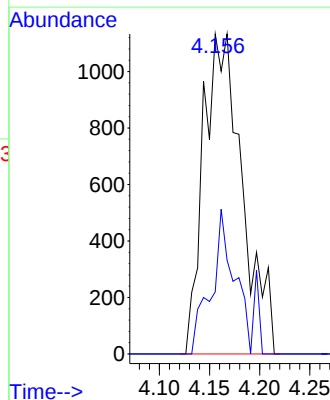
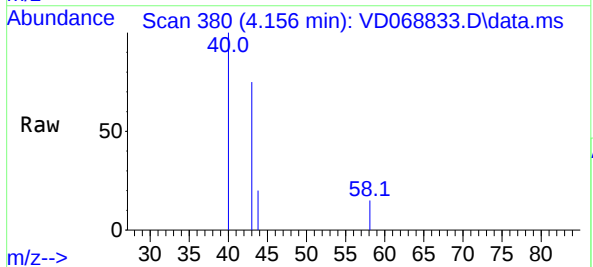
Instrument :
MSVOA_D
ClientSampleId :
TS-4

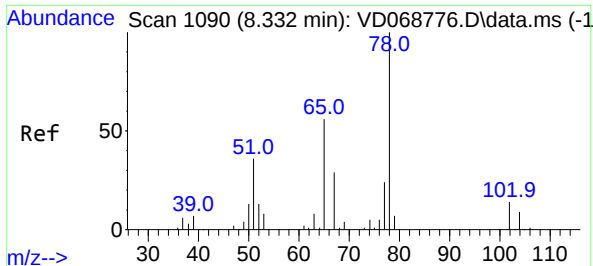
Tgt Ion:168 Resp: 78198
Ion Ratio Lower Upper
168 100
99 52.5 46.2 69.2



#16
Acetone
Concen: 26.70 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Tgt Ion: 43 Resp: 3056
Ion Ratio Lower Upper
43 100
58 19.4 28.0 42.0#

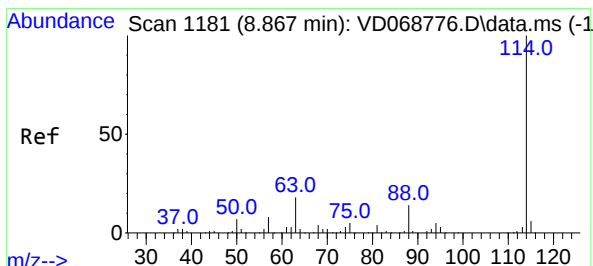
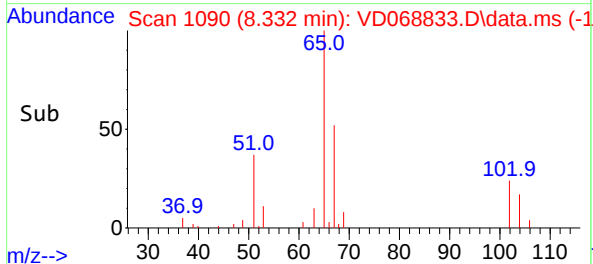
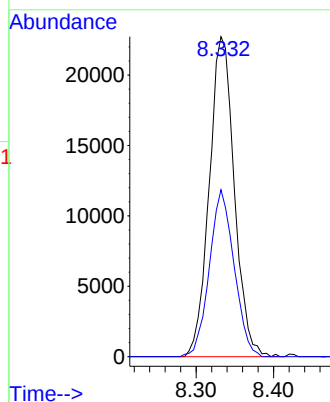
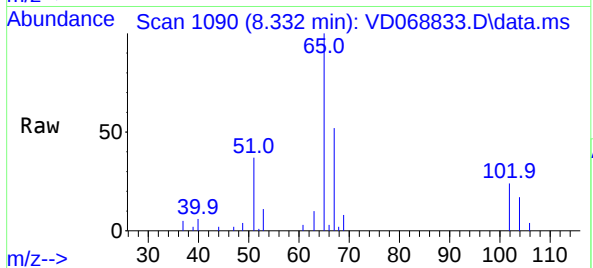




#33
1,2-Dichloroethane-d4
Concen: 61.90 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

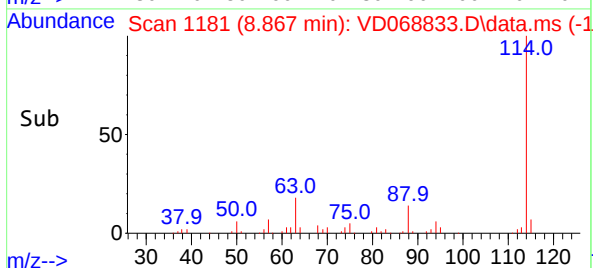
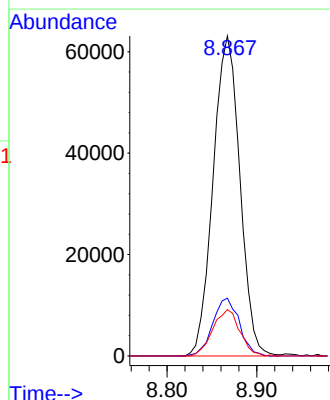
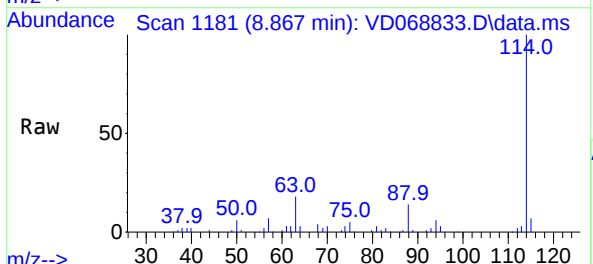
Instrument :
MSVOA_D
ClientSampled :
TS-4

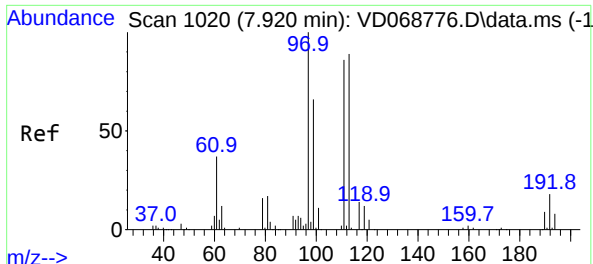
Tgt Ion: 65 Resp: 51156
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Tgt Ion: 114 Resp: 130635
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 14.5 0.0 29.4



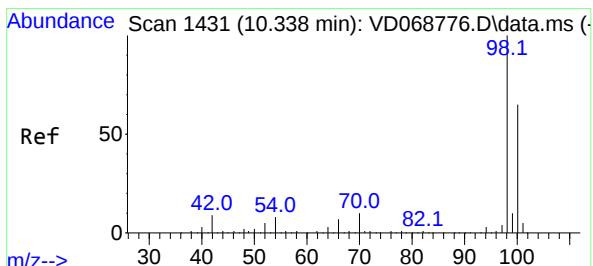
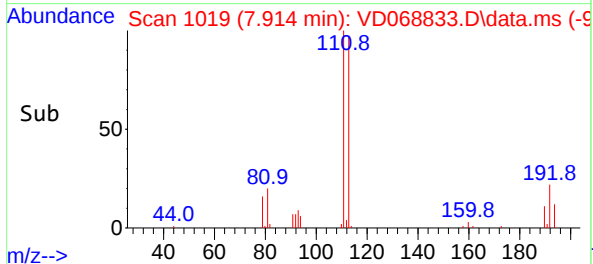
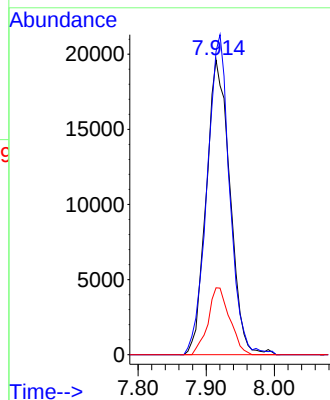
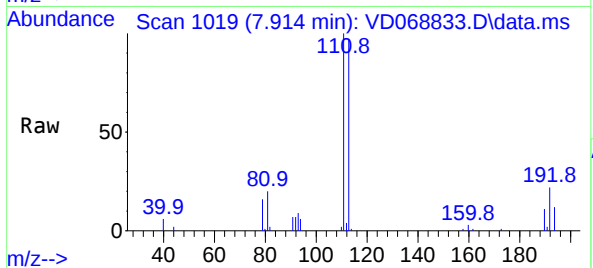


#35

Dibromofluoromethane
Concen: 55.93 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Instrument :
MSVOA_D
ClientSampled :
TS-4

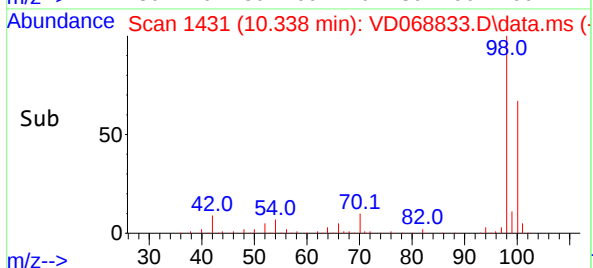
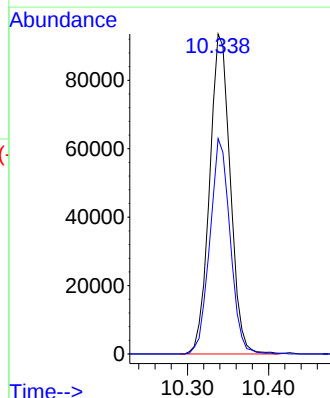
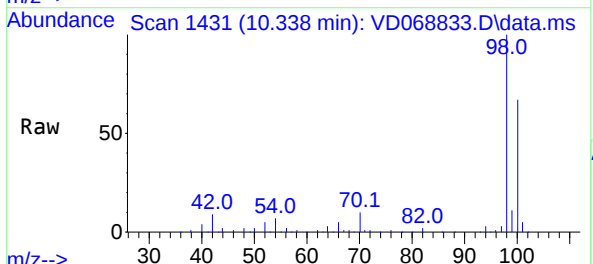
Tgt Ion:113 Resp: 47520
Ion Ratio Lower Upper
113 100
111 103.1 82.5 123.7
192 20.7 15.1 22.7

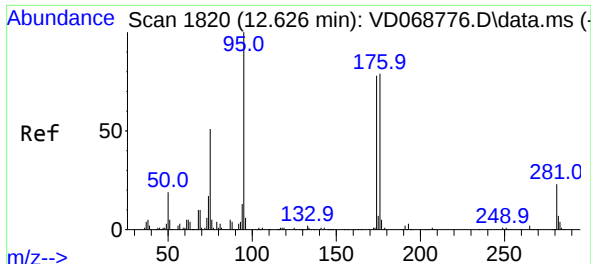


#50

Toluene-d8
Concen: 51.62 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Tgt Ion: 98 Resp: 165474
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6

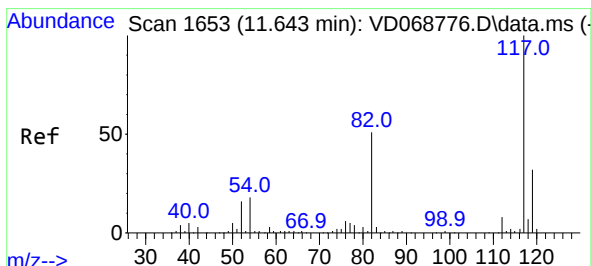
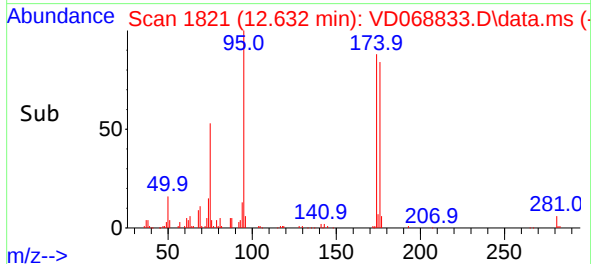
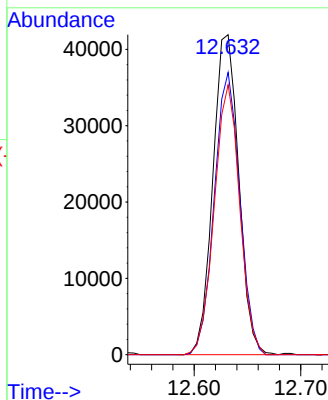
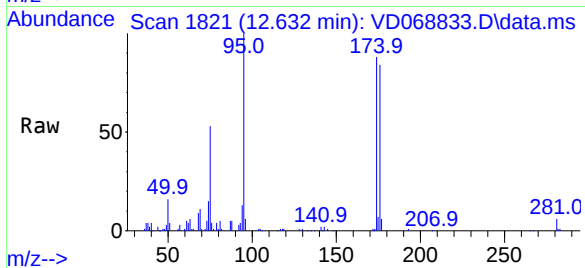




#62
4-Bromofluorobenzene
Concen: 66.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

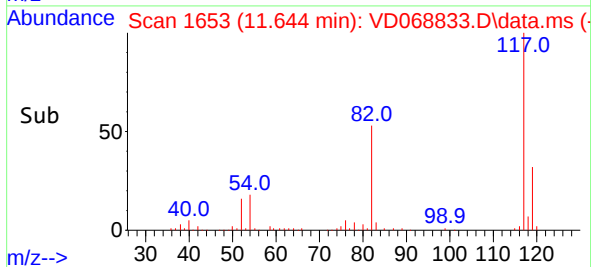
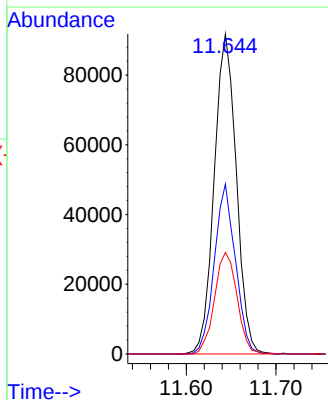
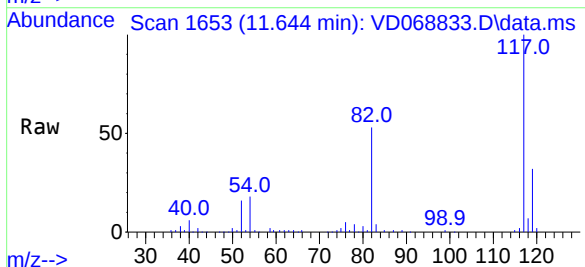
Instrument :
MSVOA_D
ClientSampleId :
TS-4

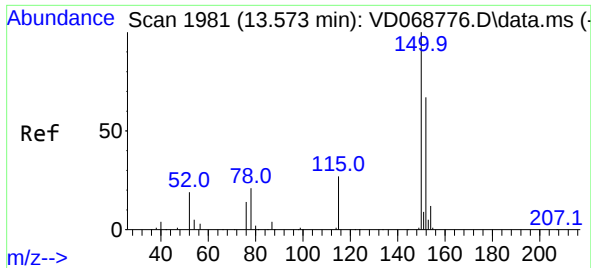
Tgt Ion:	95	Resp:	70464
Ion Ratio	Lower	Upper	
95	100		
174	87.2	0.0	168.0
176	82.9	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

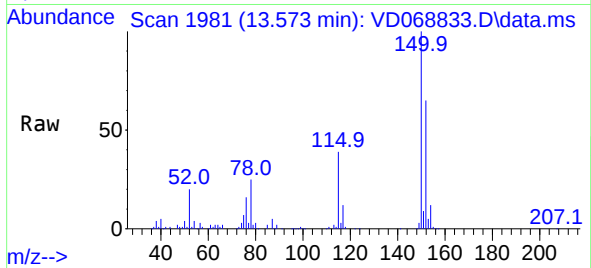
Tgt Ion:	117	Resp:	156902
Ion Ratio	Lower	Upper	
117	100		
82	53.1	43.5	65.3
119	31.8	26.7	40.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068833.D
Acq: 12 Apr 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
TS-4



Tgt Ion:152 Resp: 80041
Ion Ratio Lower Upper
152 100
115 58.9 29.3 87.8
150 156.0 0.0 347.6

