

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068643.D
 Acq On : 17 Mar 2021 17:46
 Operator : VA/SY
 Sample : M1707-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ELEVATOR-511-EL-167-162

Quant Time: Mar 18 00:57:33 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)

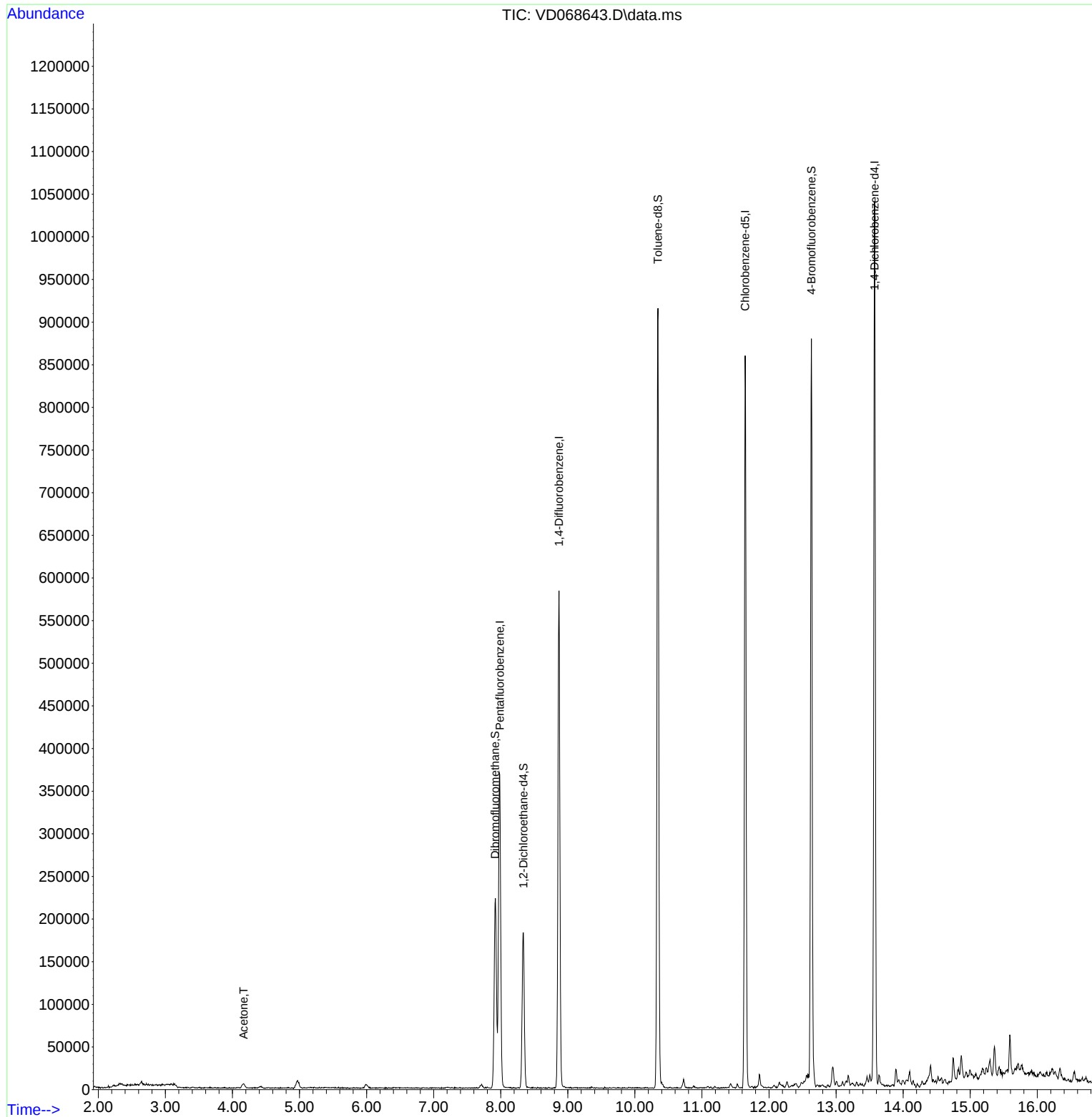
Internal Standards						
1) Pentafluorobenzene	7.985	168	283997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	517724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	513606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	279204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	143096	50.43	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 100.86%		
35) Dibromofluoromethane	7.914	113	161526	51.79	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.58%		
50) Toluene-d8	10.344	98	657919	52.96	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.92%		
62) 4-Bromofluorobenzene	12.632	95	236794	59.15	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 118.30%		
Target Compounds						Qvalue
16) Acetone	4.167	43	9184	20.38	ug/l	96

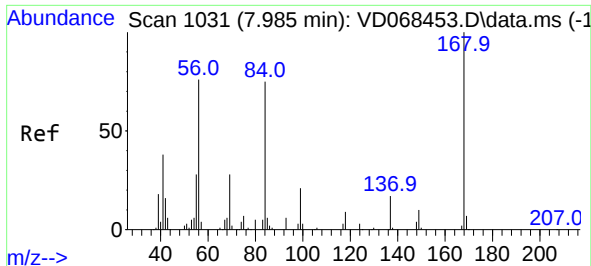
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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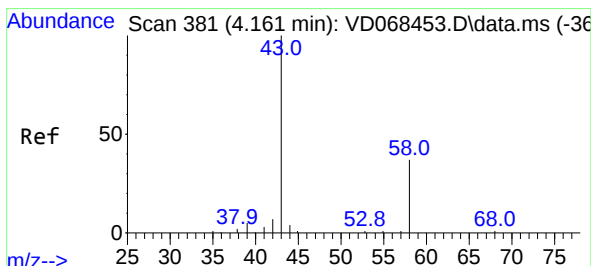
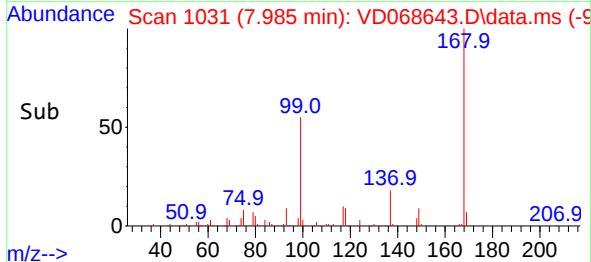
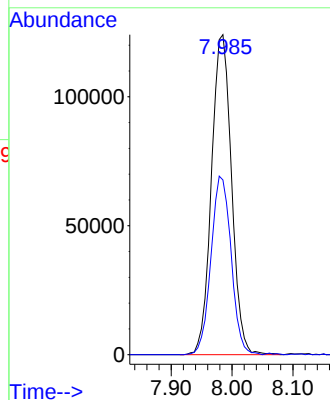
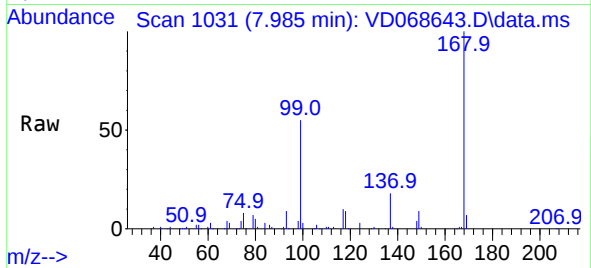




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

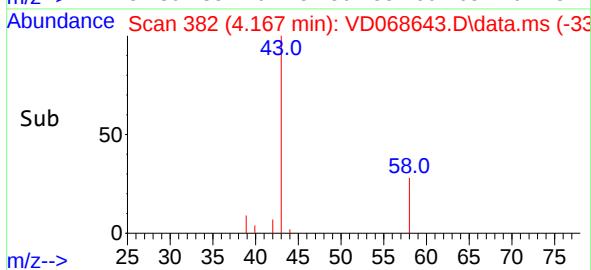
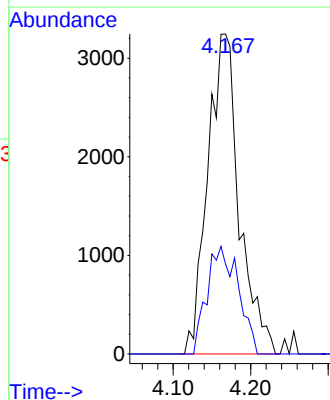
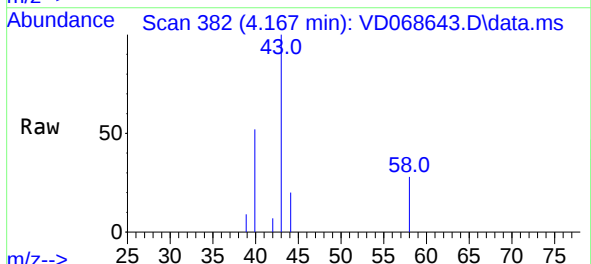
Instrument :
MSVOA_D
ClientSampleId :
ELEVATOR-511-EL-167-162

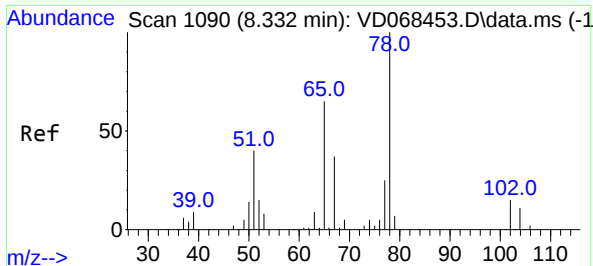
Tgt Ion:168 Resp: 283997
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#16
Acetone
Concen: 20.38 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

Tgt Ion: 43 Resp: 9184
Ion Ratio Lower Upper
43 100
58 28.2 24.2 36.4

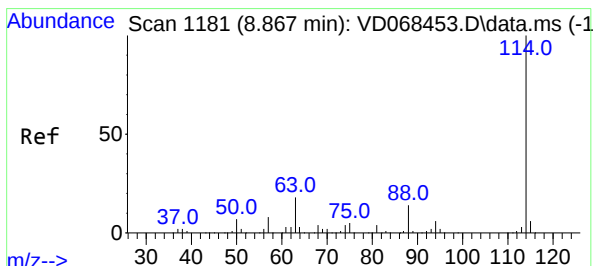
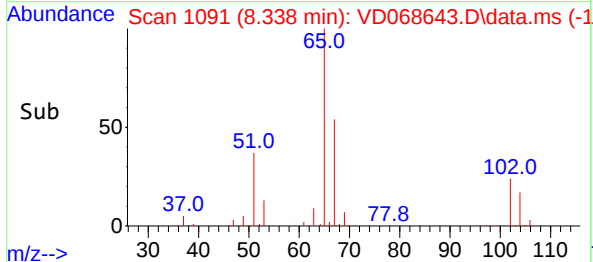
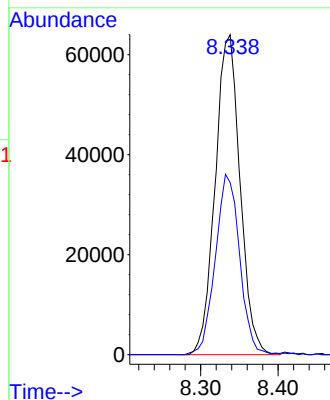
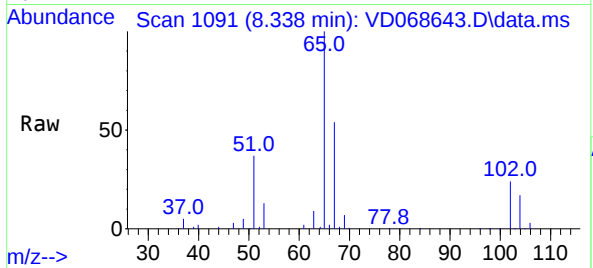




#33
1,2-Dichloroethane-d4
Concen: 50.43 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

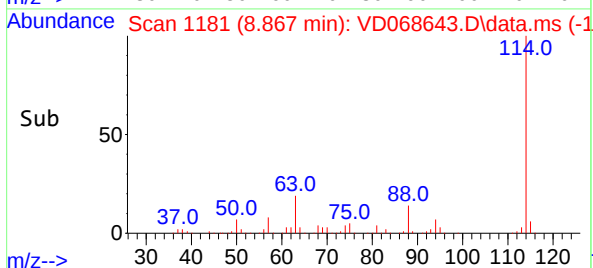
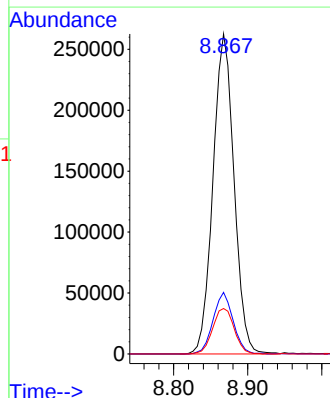
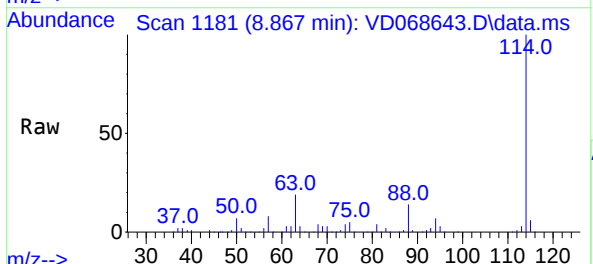
Instrument :
MSVOA_D
ClientSampleId :
ELEVATOR-511-EL-167-162

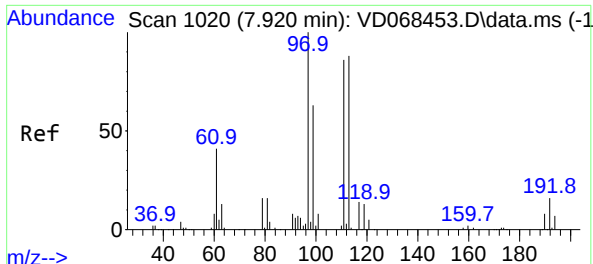
Tgt Ion: 65 Resp: 143096
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

Tgt Ion: 114 Resp: 517724
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 14.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.79 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068643.D

Acq: 17 Mar 2021 17:46

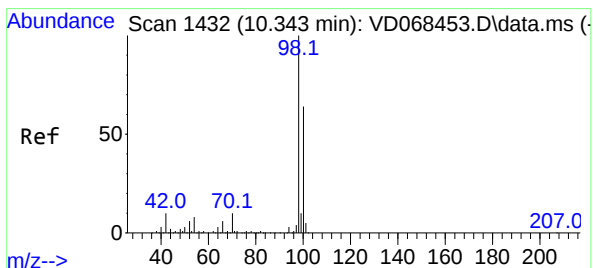
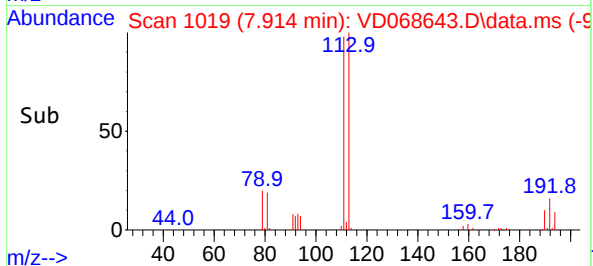
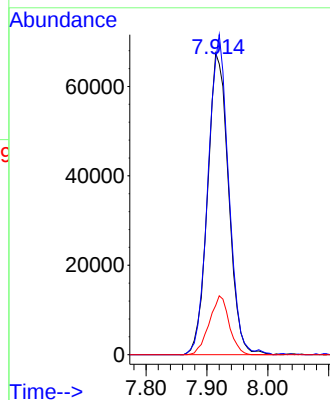
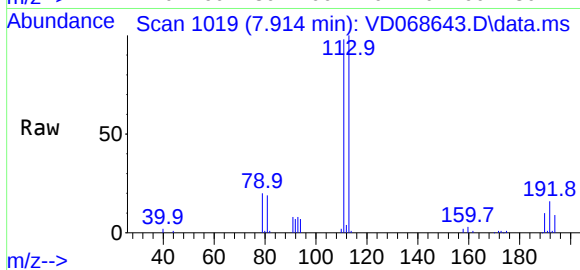
Tgt Ion:113 Resp: 161526

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.4 16.1 24.1



#50

Toluene-d8

Concen: 52.96 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068643.D

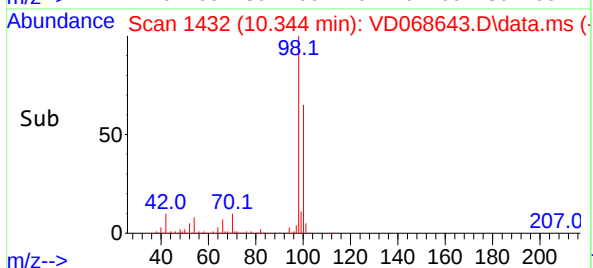
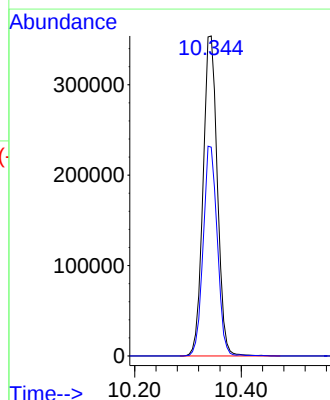
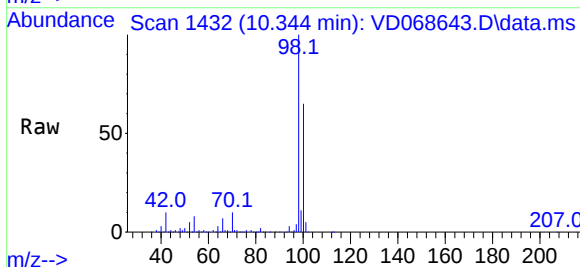
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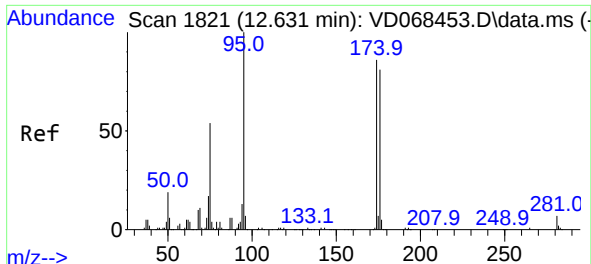
Tgt Ion: 98 Resp: 657919

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.4

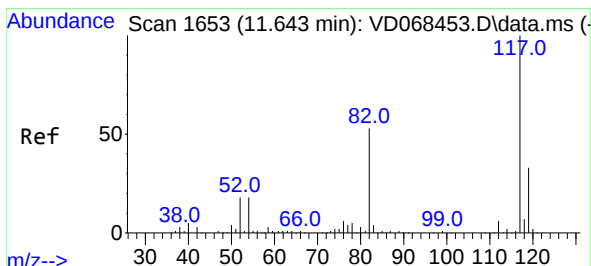
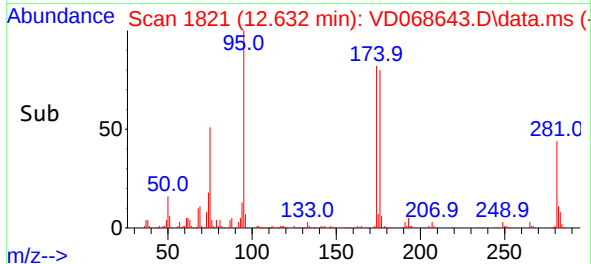
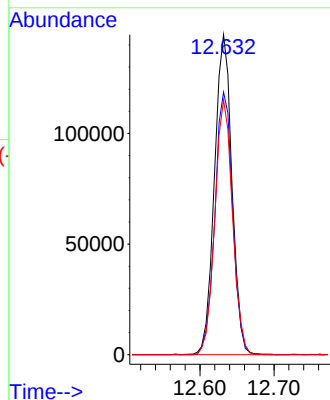
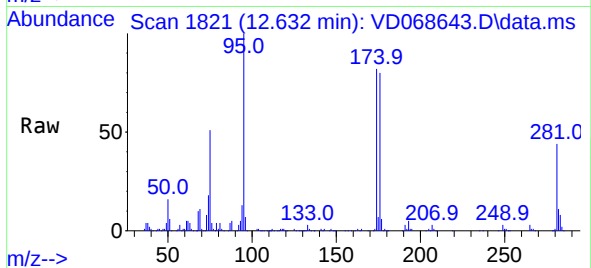




#62
4-Bromofluorobenzene
Concen: 59.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

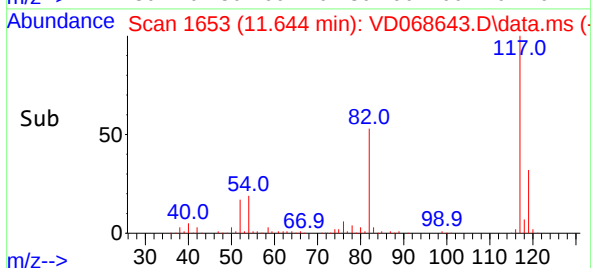
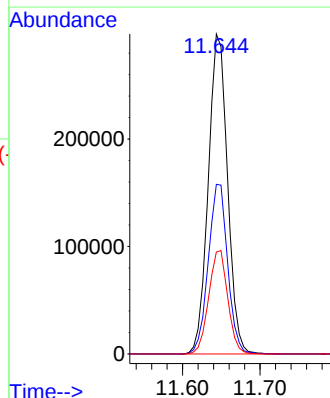
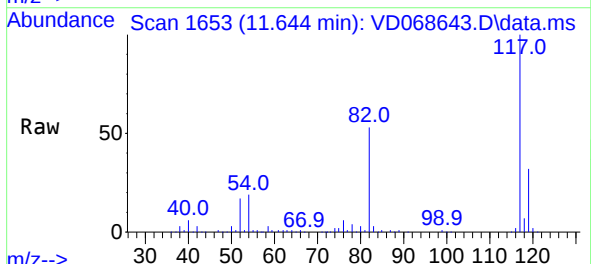
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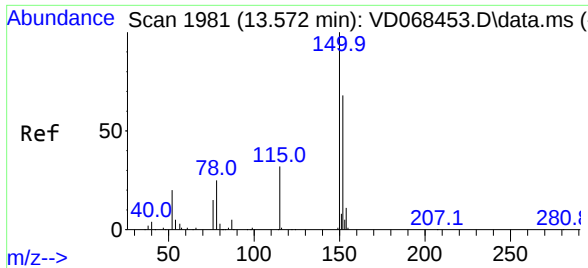
Tgt Ion: 95 Resp: 236794
Ion Ratio Lower Upper
95 100
174 83.1 0.0 172.4
176 80.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

Tgt Ion: 117 Resp: 513606
Ion Ratio Lower Upper
117 100
82 53.0 41.4 62.0
119 31.9 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: VD068643.D
 Acq: 17 Mar 2021 17:46

Instrument :
 MSVOA_D
 ClientSampleId :
 ELEVATOR-511-EL-167-162

Tgt Ion:152 Resp: 279204

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.8
150	157.9	0.0	344.4

