

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
 Data File : VD068657.D
 Acq On : 18 Mar 2021 16:34
 Operator : VA/SY
 Sample : M1686-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-SUMMER-STREET

Quant Time: Mar 19 01:06:25 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)

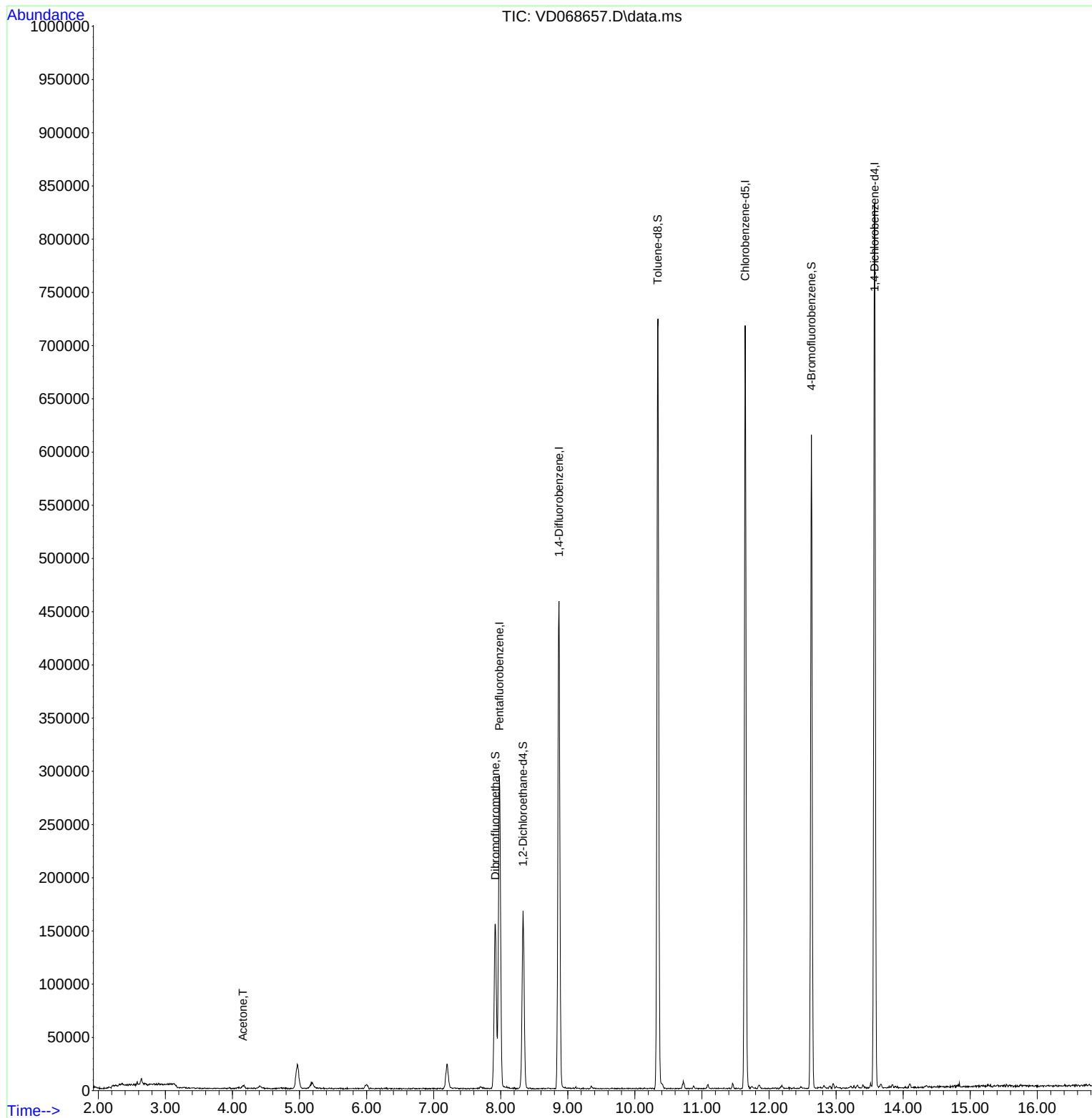
Internal Standards						
1) Pentafluorobenzene	7.979	168	217517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	411573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	416274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	232261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127669	58.74	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.48%
35) Dibromofluoromethane	7.920	113	111769	45.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.16%
50) Toluene-d8	10.338	98	521488	52.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.62%
62) 4-Bromofluorobenzene	12.632	95	189060	59.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.80%
Target Compounds						
16) Acetone	4.156	43	4769	13.81	ug/l	Qvalue # 85

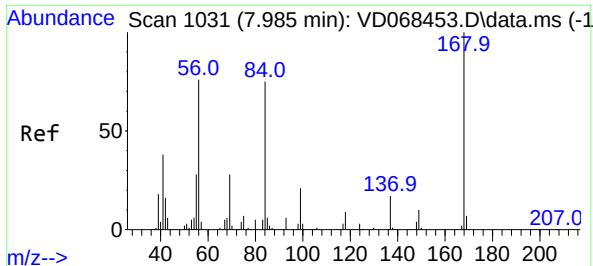
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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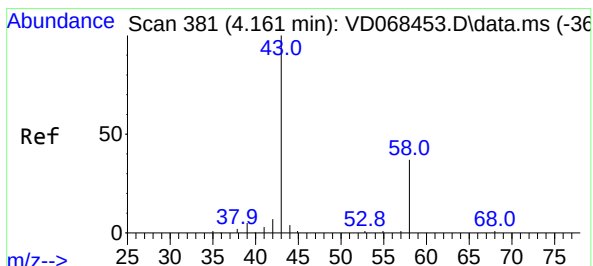
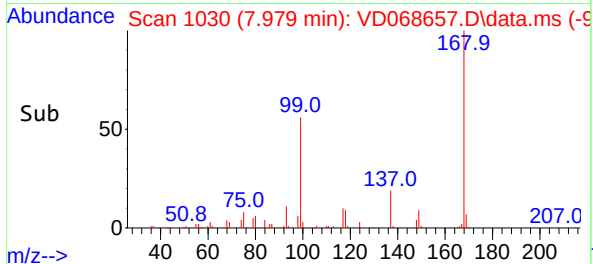
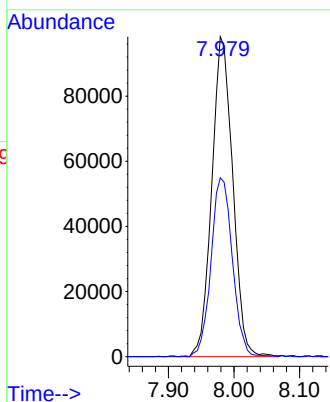
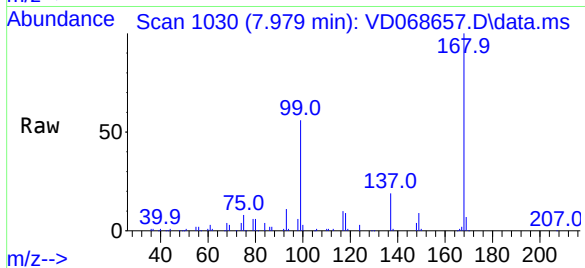




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068657.D
Acq: 18 Mar 2021 16:34

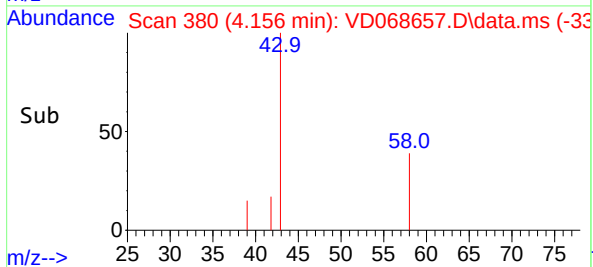
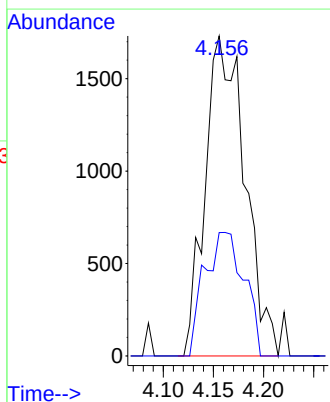
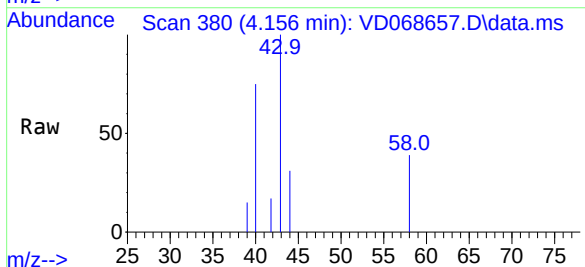
Instrument :
MSVOA_D
ClientSampleId :
SW-SUMMER-STREET

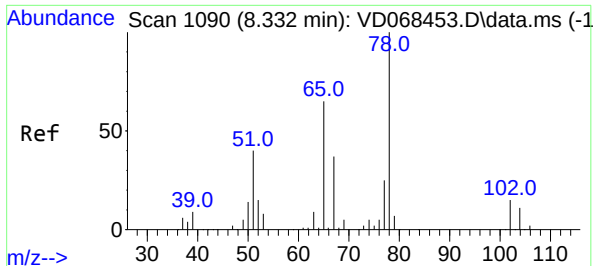
Tgt Ion:168 Resp: 217517
Ion Ratio Lower Upper
168 100
99 55.9 43.5 65.3



#16
Acetone
Concen: 13.81 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068657.D
Acq: 18 Mar 2021 16:34

Tgt Ion: 43 Resp: 4769
Ion Ratio Lower Upper
43 100
58 38.5 24.2 36.4#

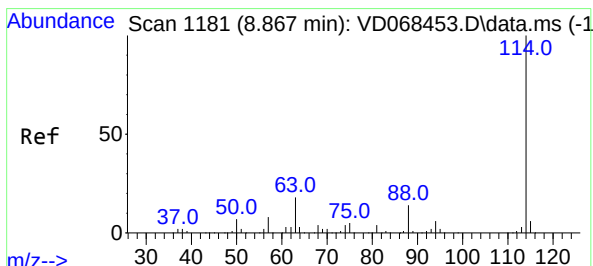
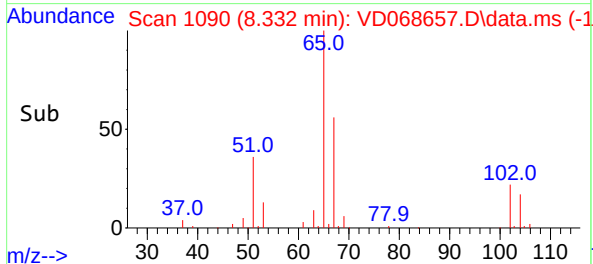
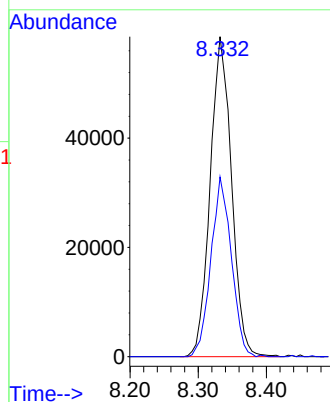
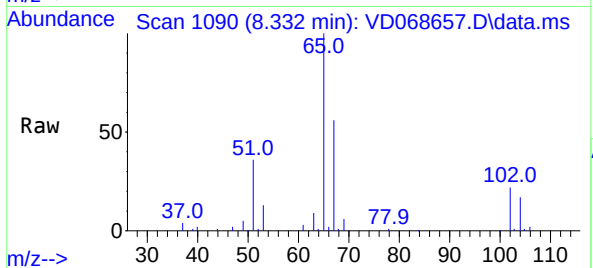




#33
1,2-Dichloroethane-d4
Concen: 58.74 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068657.D
Acq: 18 Mar 2021 16:34

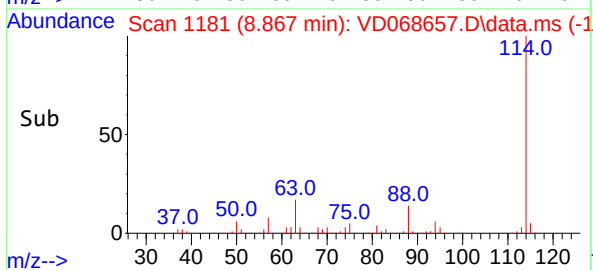
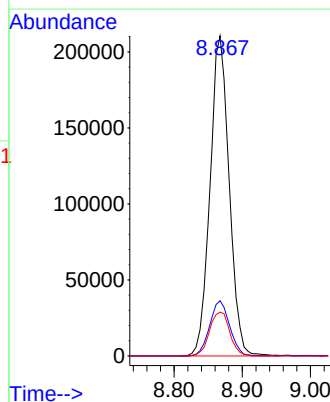
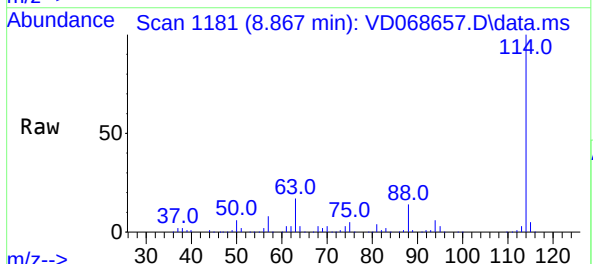
Instrument :
MSVOA_D
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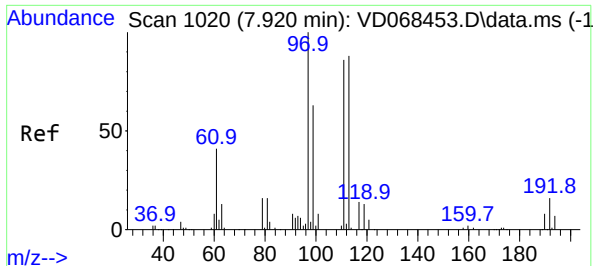
Tgt Ion: 65 Resp: 127669
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068657.D
Acq: 18 Mar 2021 16:34

Tgt Ion: 114 Resp: 411573
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.8
88 13.7 0.0 31.6

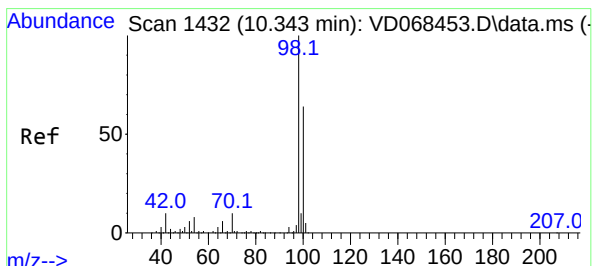
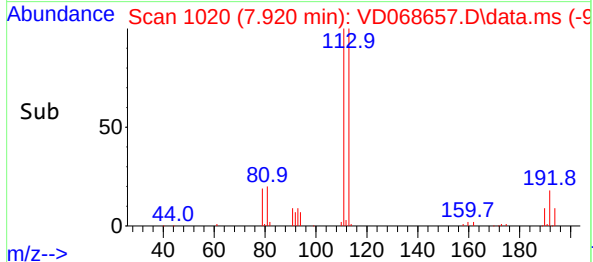
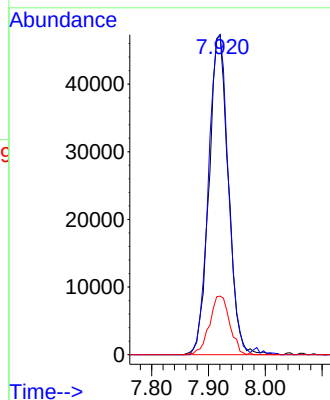
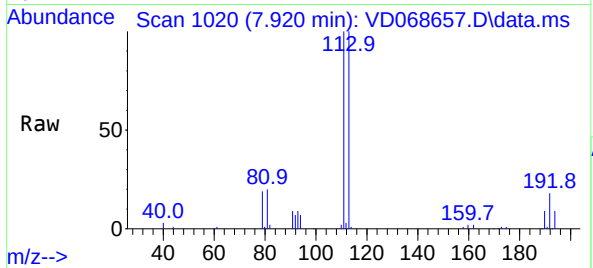




#35
Dibromofluoromethane
Concen: 45.08 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068657.D
Acq: 18 Mar 2021 16:34

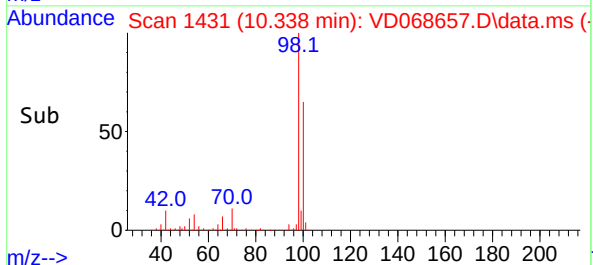
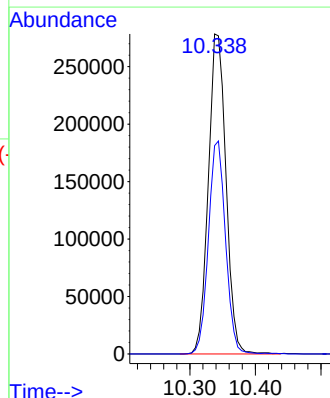
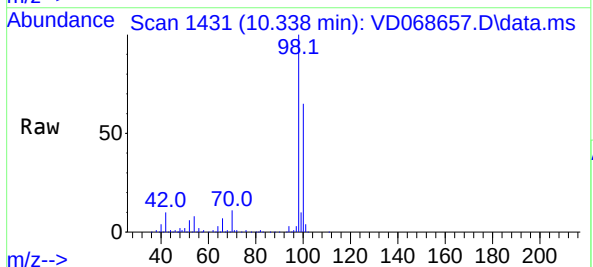
Instrument :
MSVOA_D
ClientSampleId :
SW-SUMMER-STREET

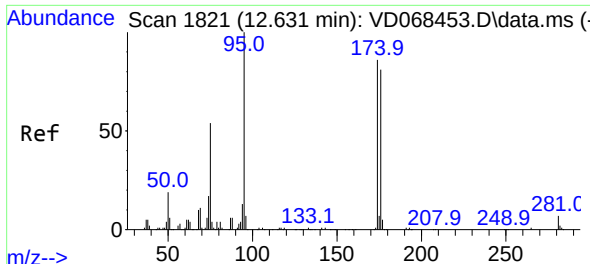
Tgt Ion:113 Resp: 111769
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.2 16.1 24.1



#50
Toluene-d8
Concen: 52.81 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068657.D
Acq: 18 Mar 2021 16:34

Tgt Ion: 98 Resp: 521488
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4

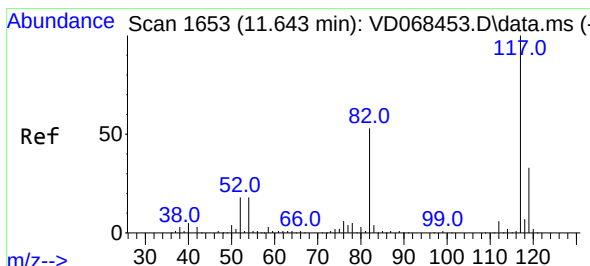
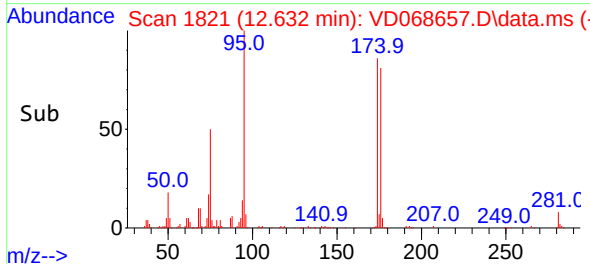
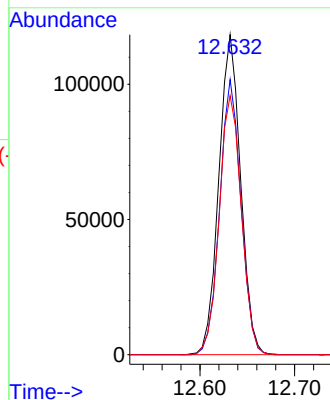
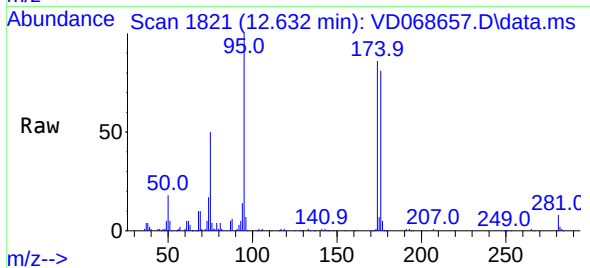




#62
4-Bromofluorobenzene
Concen: 59.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068657.D
Acq: 18 Mar 2021 16:34

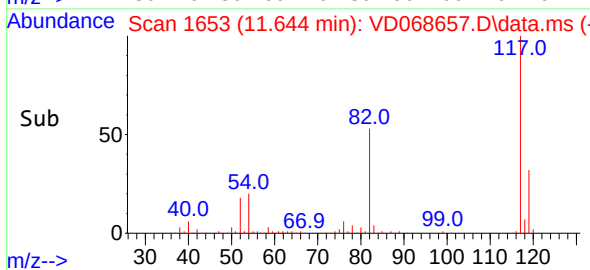
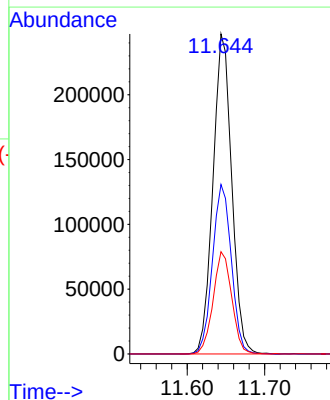
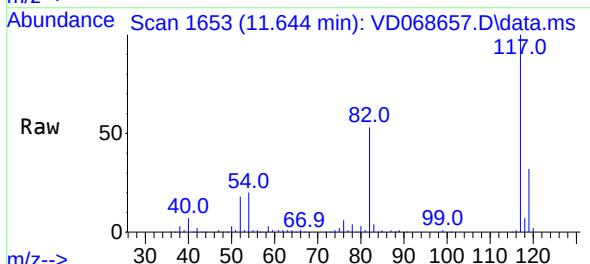
Instrument :
MSVOA_D
ClientSampleId :
SW-SUMMER-STREET

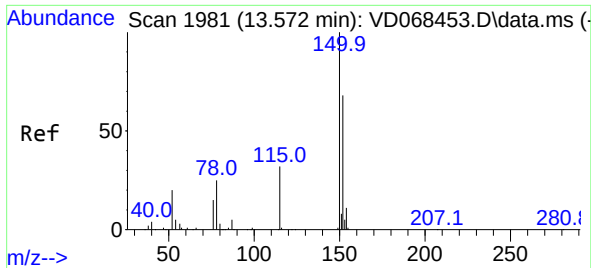
Tgt Ion: 95 Resp: 189060
Ion Ratio Lower Upper
95 100
174 84.3 0.0 172.4
176 82.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068657.D
Acq: 18 Mar 2021 16:34

Tgt Ion: 117 Resp: 416274
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: VD068657.D
 Acq: 18 Mar 2021 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-SUMMER-STREET

Tgt Ion:152 Resp: 232261

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.9	86.8
150	154.2	0.0	344.4

