

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068604.D
 Acq On : 12 Mar 2021 14:08
 Operator : VA/SY
 Sample : M1625-04
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-2

Quant Time: Mar 12 23:35:30 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)

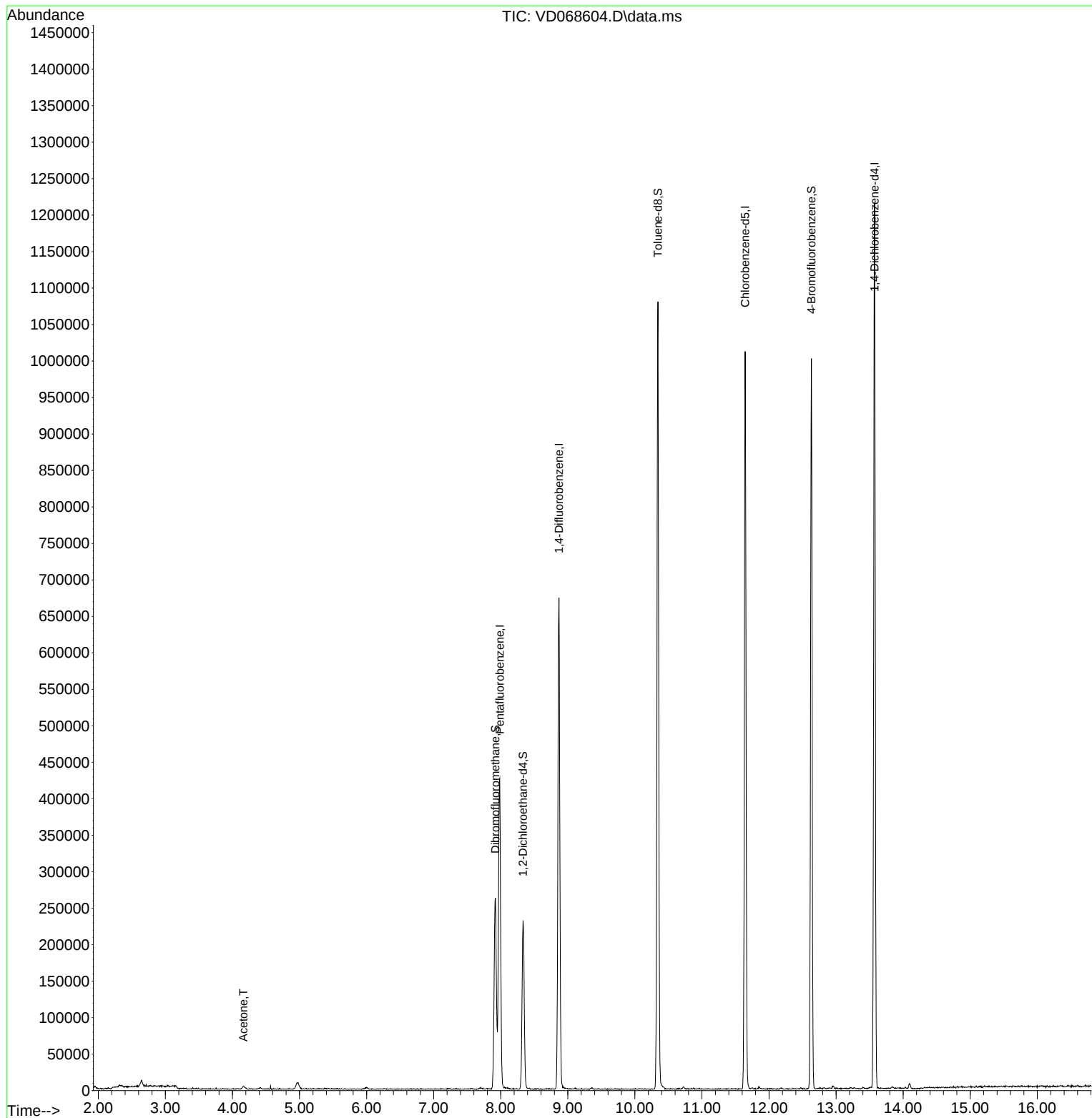
Internal Standards						
1) Pentafluorobenzene	7.985	168	333135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	599566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	601047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	328750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181067	54.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.80%
35) Dibromofluoromethane	7.920	113	191757	53.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.18%
50) Toluene-d8	10.344	98	752580	52.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.62%
62) 4-Bromofluorobenzene	12.632	95	268047	57.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.62%
Target Compounds						Qvalue
16) Acetone	4.162	43	6701	12.67	ug/l	90

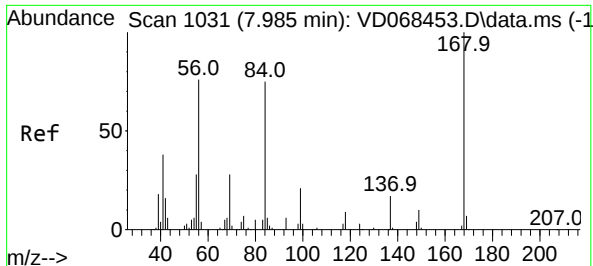
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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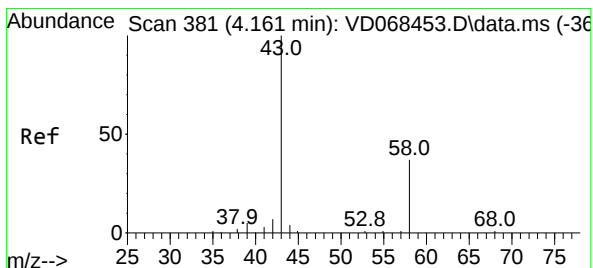
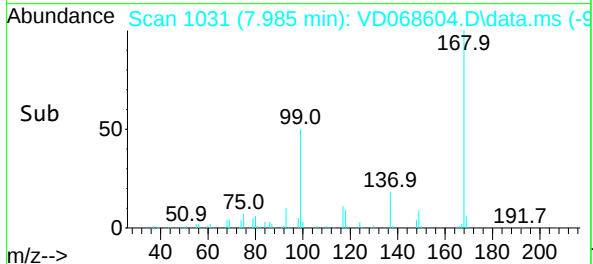
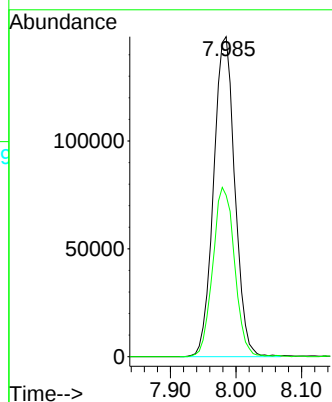
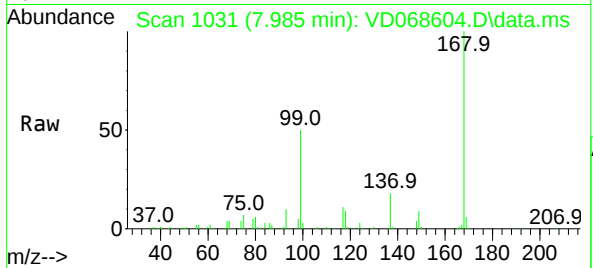




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

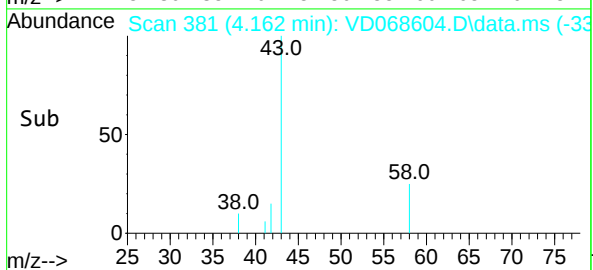
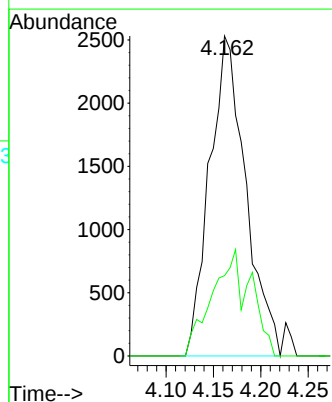
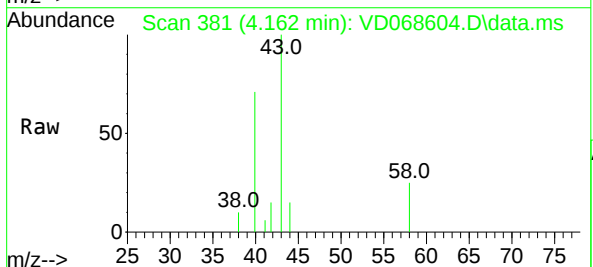
Instrument :
MSVOA_D
ClientSampleId :
SP-1-2

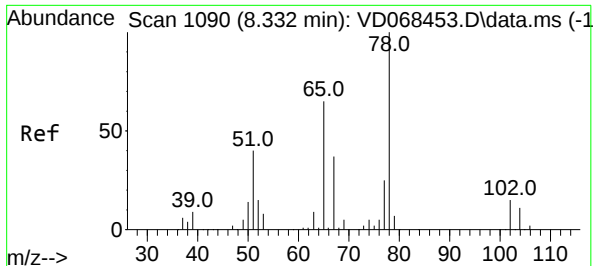
Tgt Ion:168 Resp: 333135
Ion Ratio Lower Upper
168 100
99 50.4 43.5 65.3



#16
Acetone
Concen: 12.67 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion: 43 Resp: 6701
Ion Ratio Lower Upper
43 100
58 25.1 24.2 36.4

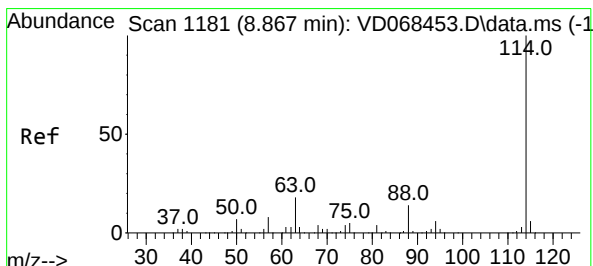
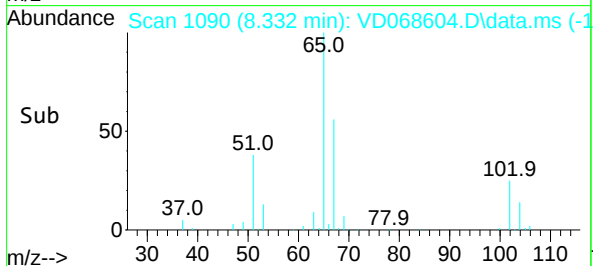
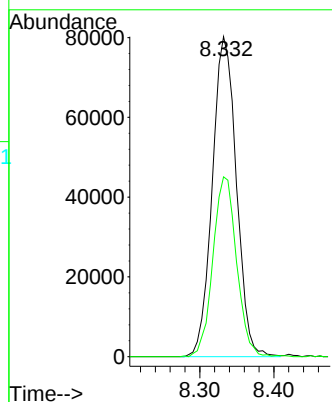
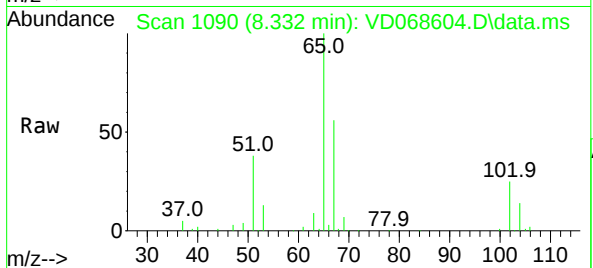




#33
1,2-Dichloroethane-d4
Concen: 54.40 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

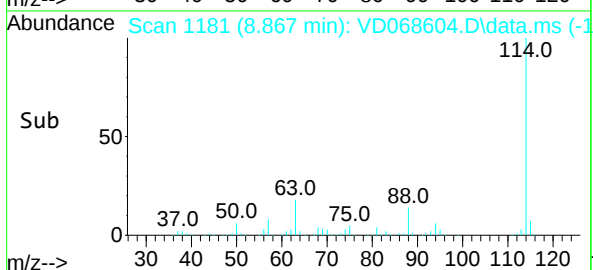
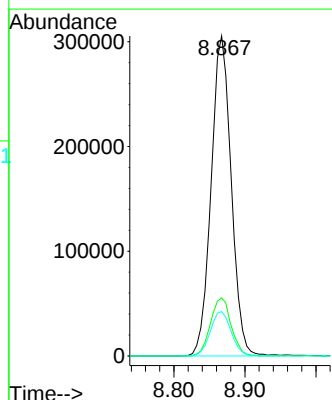
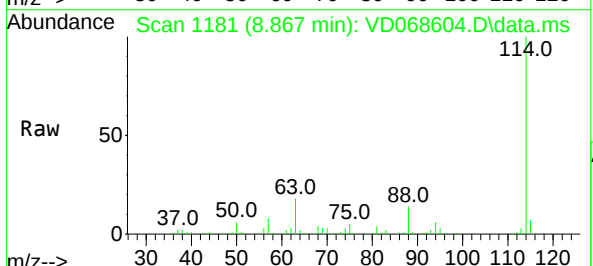
Instrument :
MSVOA_D
ClientSampled :
SP-1-2

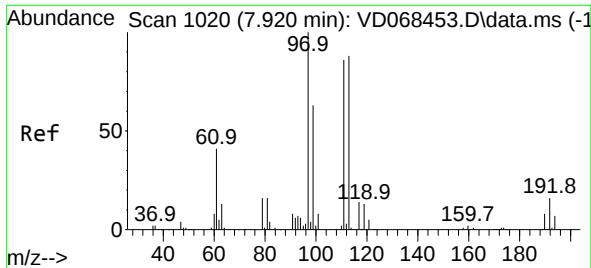
Tgt Ion: 65 Resp: 181067
Ion Ratio Lower Upper
65 100
67 55.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion: 114 Resp: 599566
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.8
88 13.9 0.0 31.6

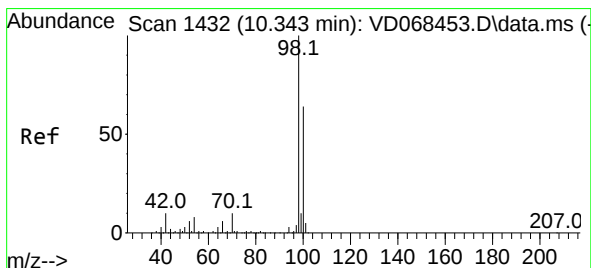
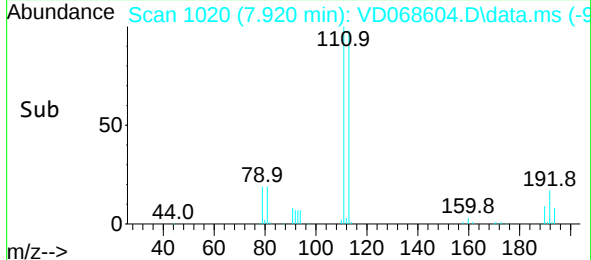
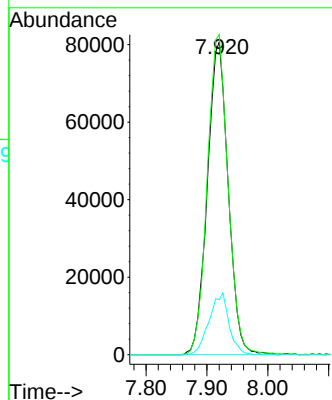
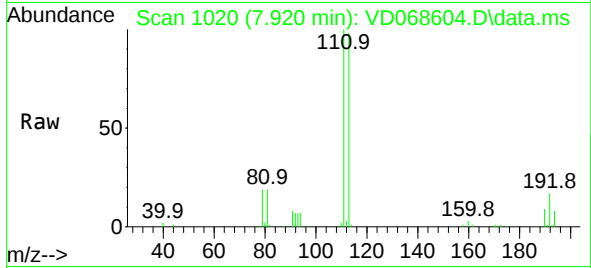




#35
Dibromofluoromethane
Concen: 53.09 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

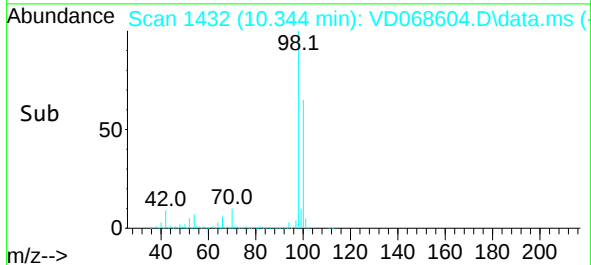
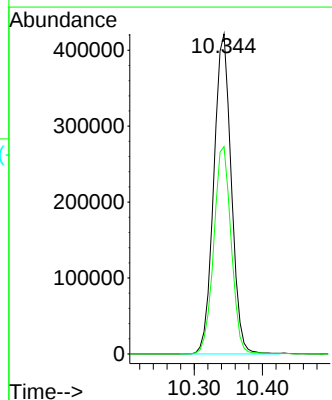
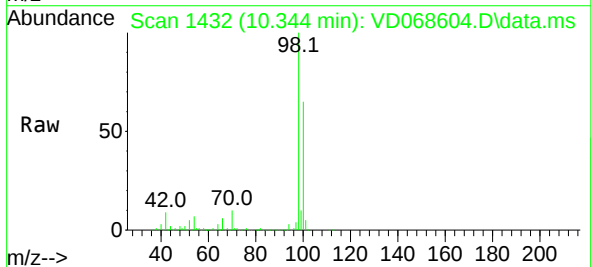
Instrument :
MSVOA_D
ClientSampleId :
SP-1-2

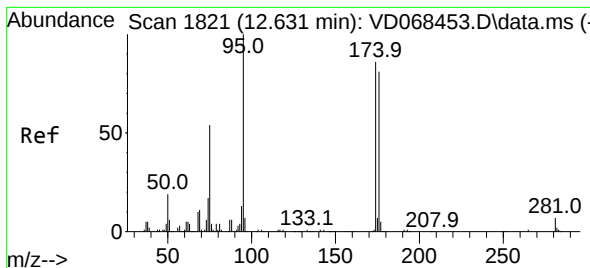
Tgt Ion:113 Resp: 191757
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 18.8 16.1 24.1



#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion: 98 Resp: 752580
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

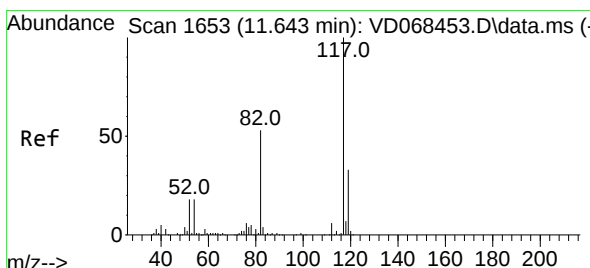
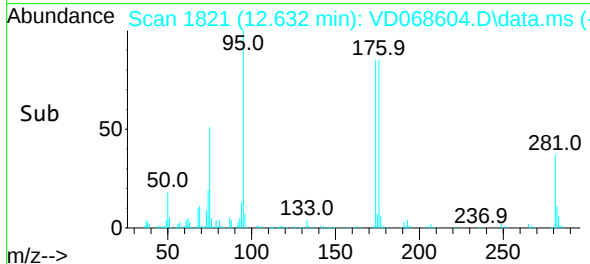
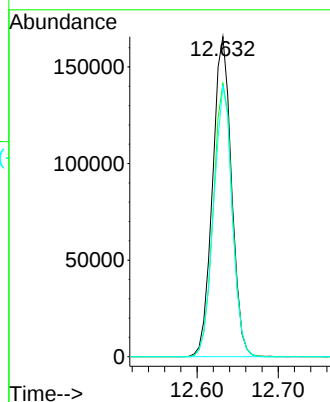
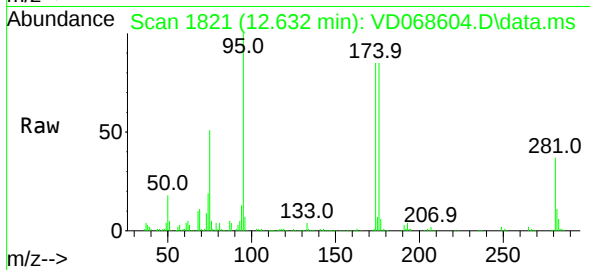




#62
4-Bromofluorobenzene
Concen: 57.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

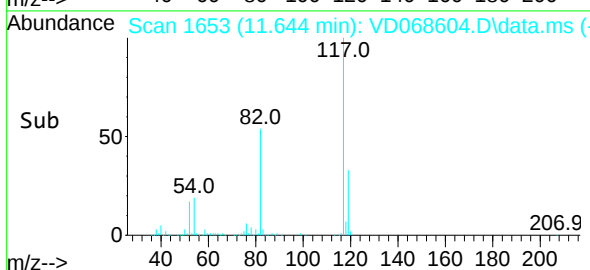
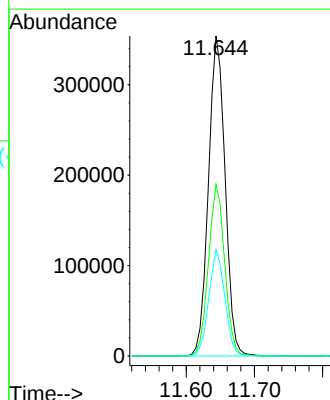
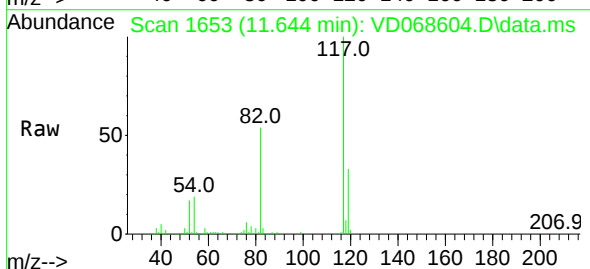
Instrument :
MSVOA_D
ClientSampleId :
SP-1-2

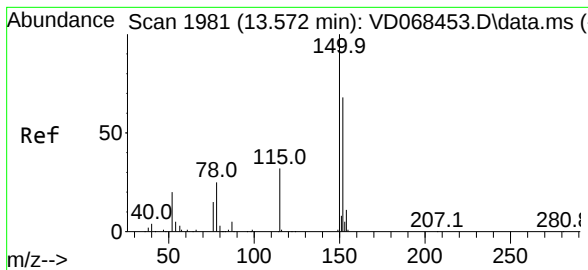
Tgt Ion: 95 Resp: 268047
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.4
176 83.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion: 117 Resp: 601047
Ion Ratio Lower Upper
117 100
82 53.5 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: VD068604.D
 Acq: 12 Mar 2021 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-2

Tgt Ion:152 Resp: 328750
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.9 86.8
 150 158.5 0.0 344.4

