

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067220.D
 Acq On : 09 Oct 2020 19:07
 Operator : VA/SY
 Sample : L4319-03
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12018

Quant Time: Oct 10 01:03:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	461350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	773484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	711982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	333532	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	216897	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	7.91	113	247485	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.34	98	891835	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.64	95	310152	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	

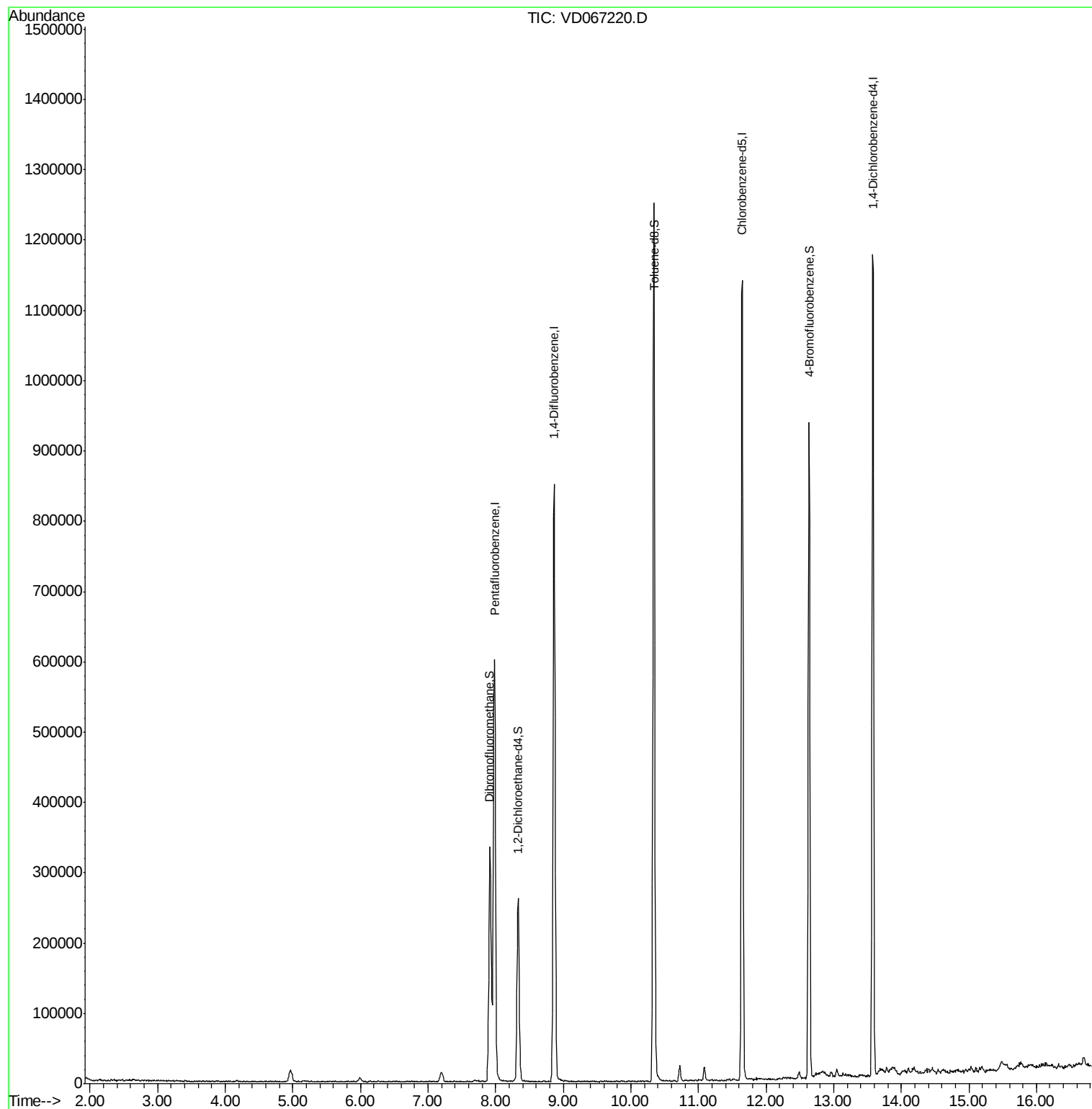
Target Compounds	Qvalue
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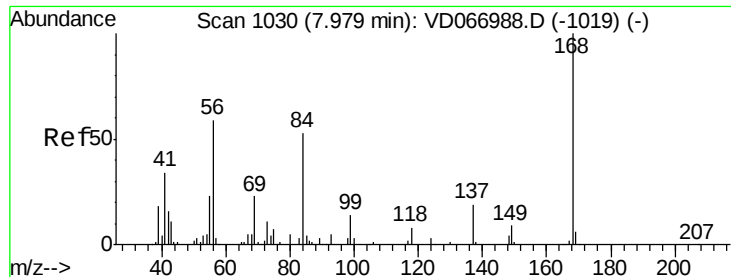
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067220.D

Acq: 09 Oct 2020 19:07

Instrument :

MSVOA_D

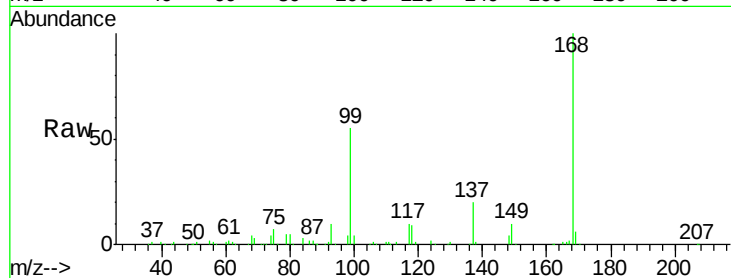
ClientSampleId :
12018

Tot Ion:168 Resp: 461350

Ion Ratio Lower Upper

168 100

99 55.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

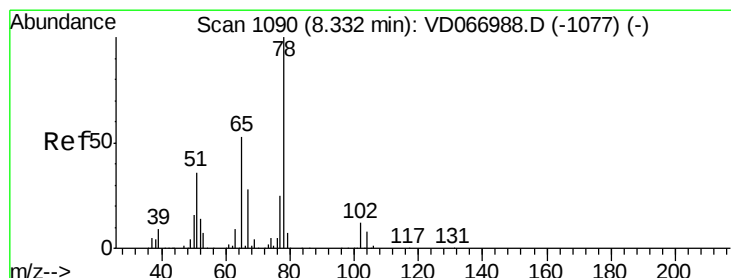
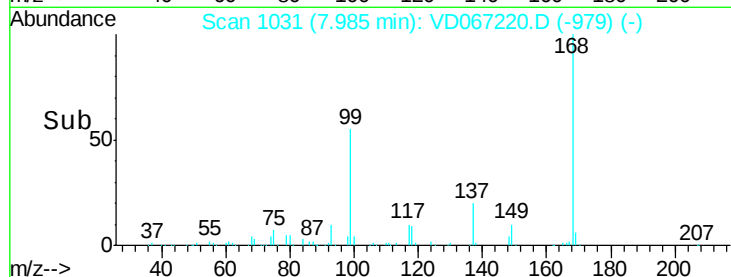
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.810 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067220.D

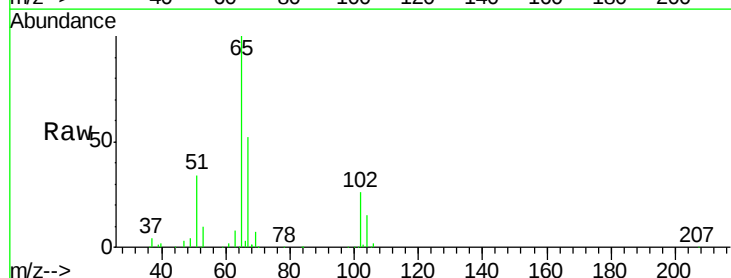
Acq: 09 Oct 2020 19:07

Tgt Ion: 65 Resp: 216897

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

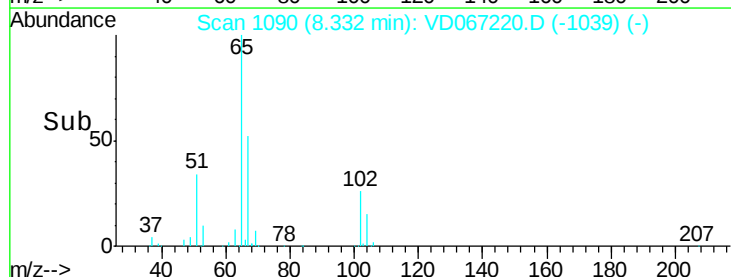
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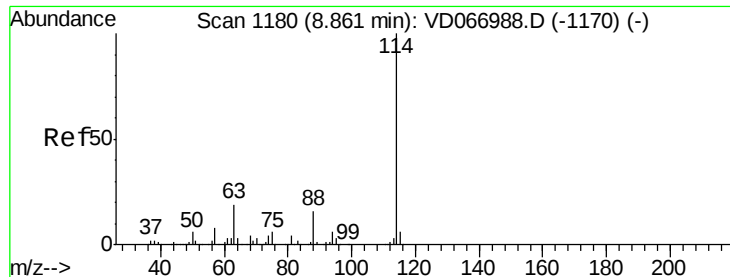
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20000

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Time-->

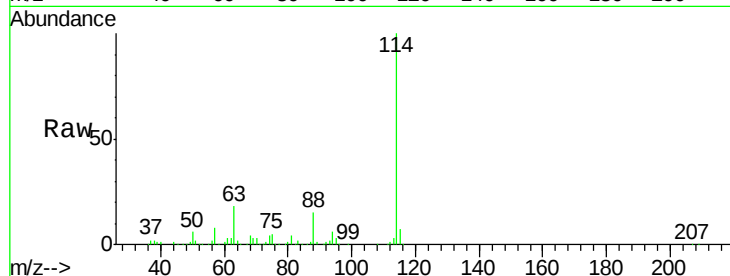




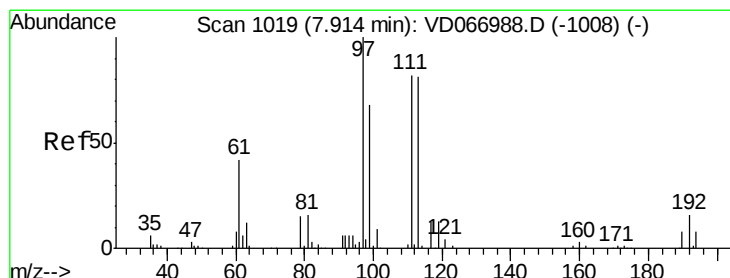
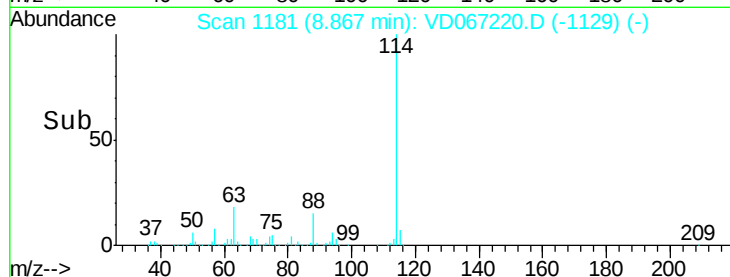
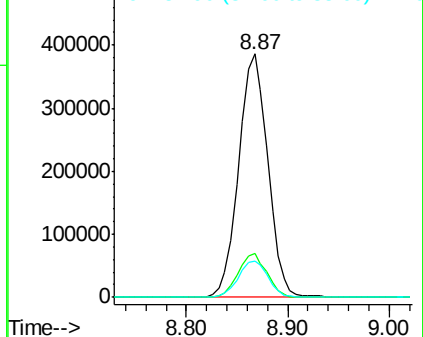
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067220.D
 Acq: 09 Oct 2020 19:07

Instrument :
 MSVOA_D
 ClientSampled :
 12018

Tot Ion:114 Resp: 773484
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 14.7 0.0 31.2

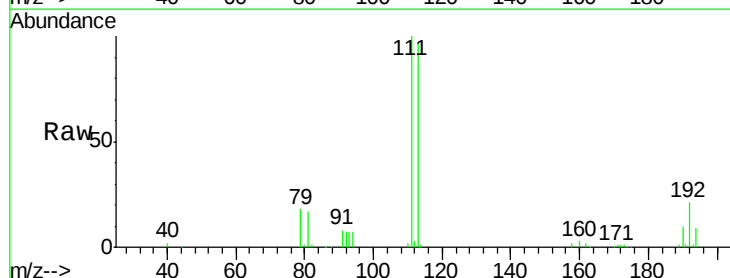


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

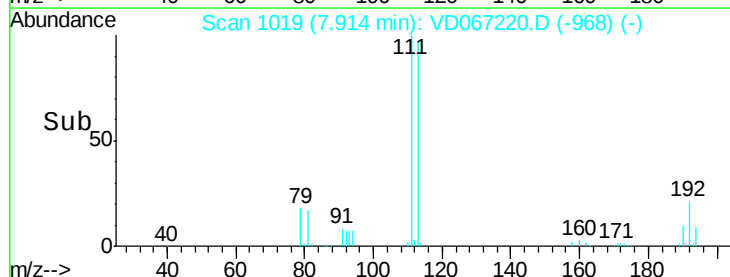
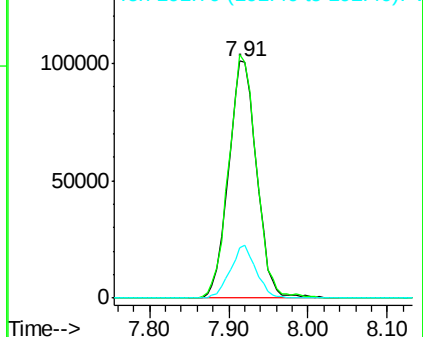


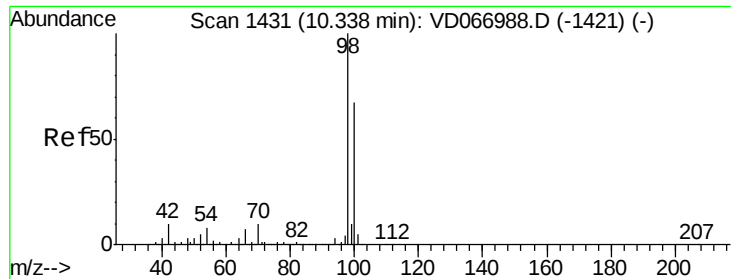
#35
 Dibromofluoromethane
 Concen: 48.873 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067220.D
 Acq: 09 Oct 2020 19:07

Tgt Ion:113 Resp: 247485
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.0 124.4
 192 20.3 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

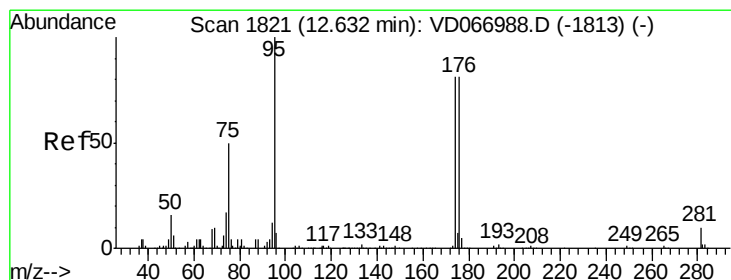
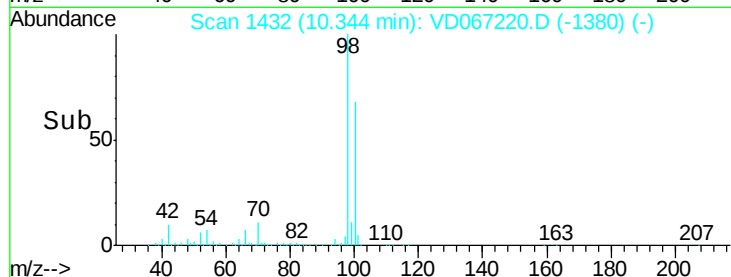
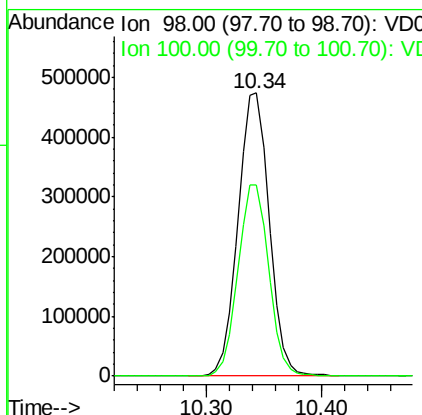
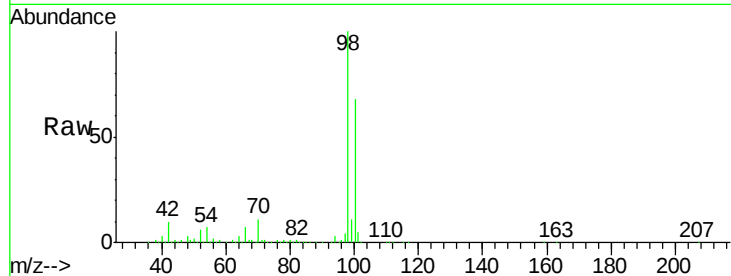




#50
Toluene-d8
Concen: 48.333 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD067220.D
Acq: 09 Oct 2020 19:07

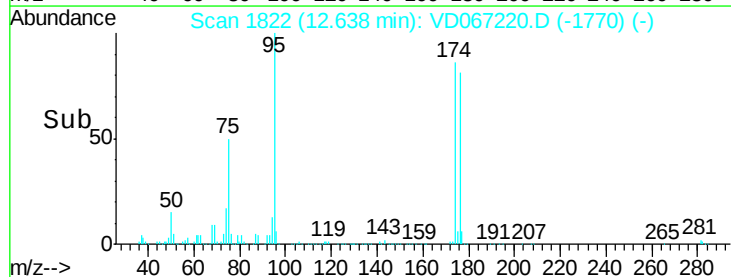
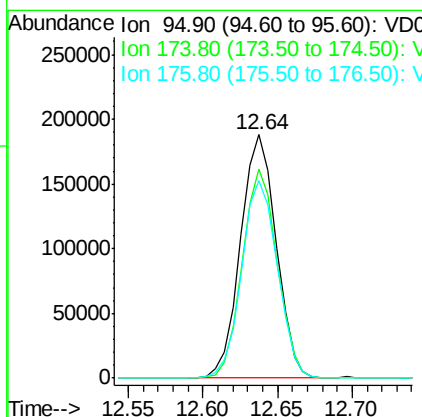
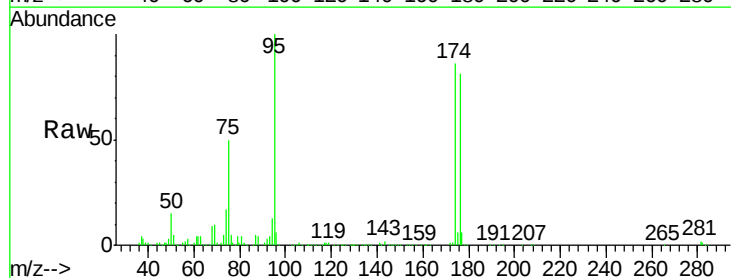
Instrument :
MSVOA_D
ClientSampled :
12018

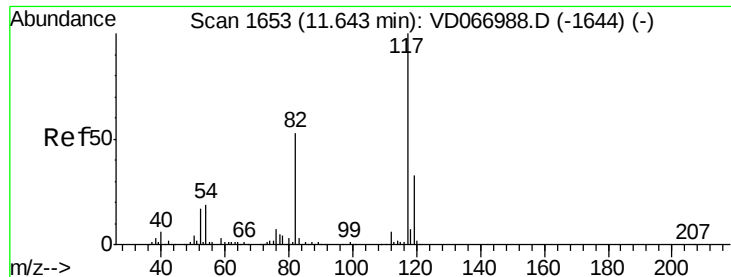
Tot Ion: 98 Resp: 891835
Ion Ratio Lower Upper
98 100
100 66.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.513 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067220.D
Acq: 09 Oct 2020 19:07

Tgt Ion: 95 Resp: 310152
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 81.7 0.0 162.4

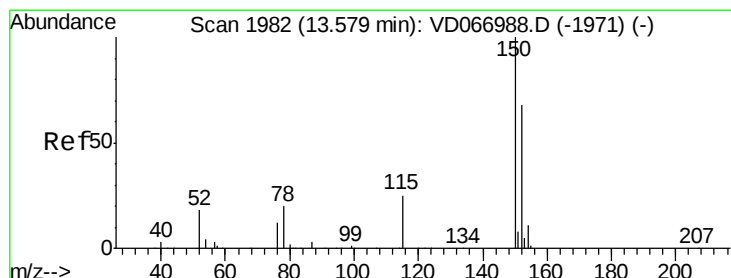
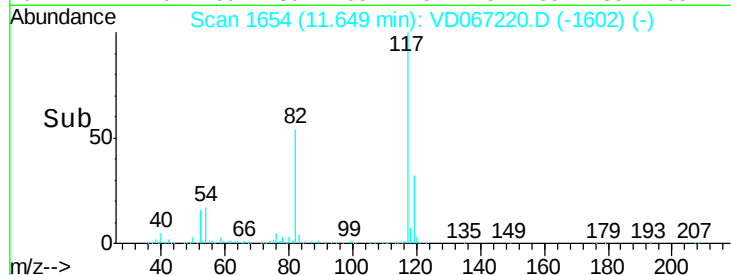
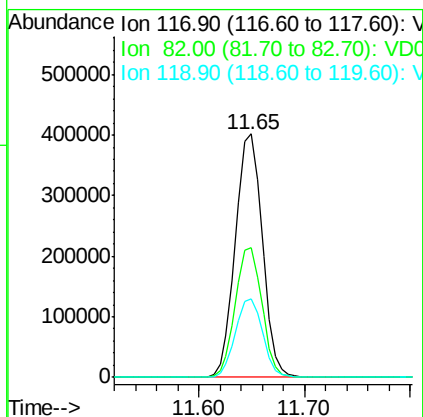
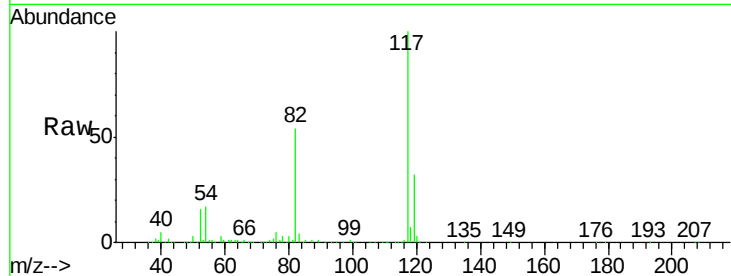




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067220.D
Acq: 09 Oct 2020 19:07

Instrument :
MSVOA_D
ClientSampleId :
12018

Tot Ion:117 Resp: 711982
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067220.D
Acq: 09 Oct 2020 19:07

Tgt Ion:152 Resp: 333532
Ion Ratio Lower Upper
152 100
115 60.0 29.6 88.8
150 160.7 0.0 344.8

