

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067031.D
 Acq On : 02 Oct 2020 13:15
 Operator : VA/SY
 Sample : L3865-01
 Misc : 8.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-093020

Quant Time: Oct 05 12:19:54 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	460445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	777471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	683910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264329	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	242693	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	7.91	113	254030	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.34	98	897350	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.63	95	270753	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	

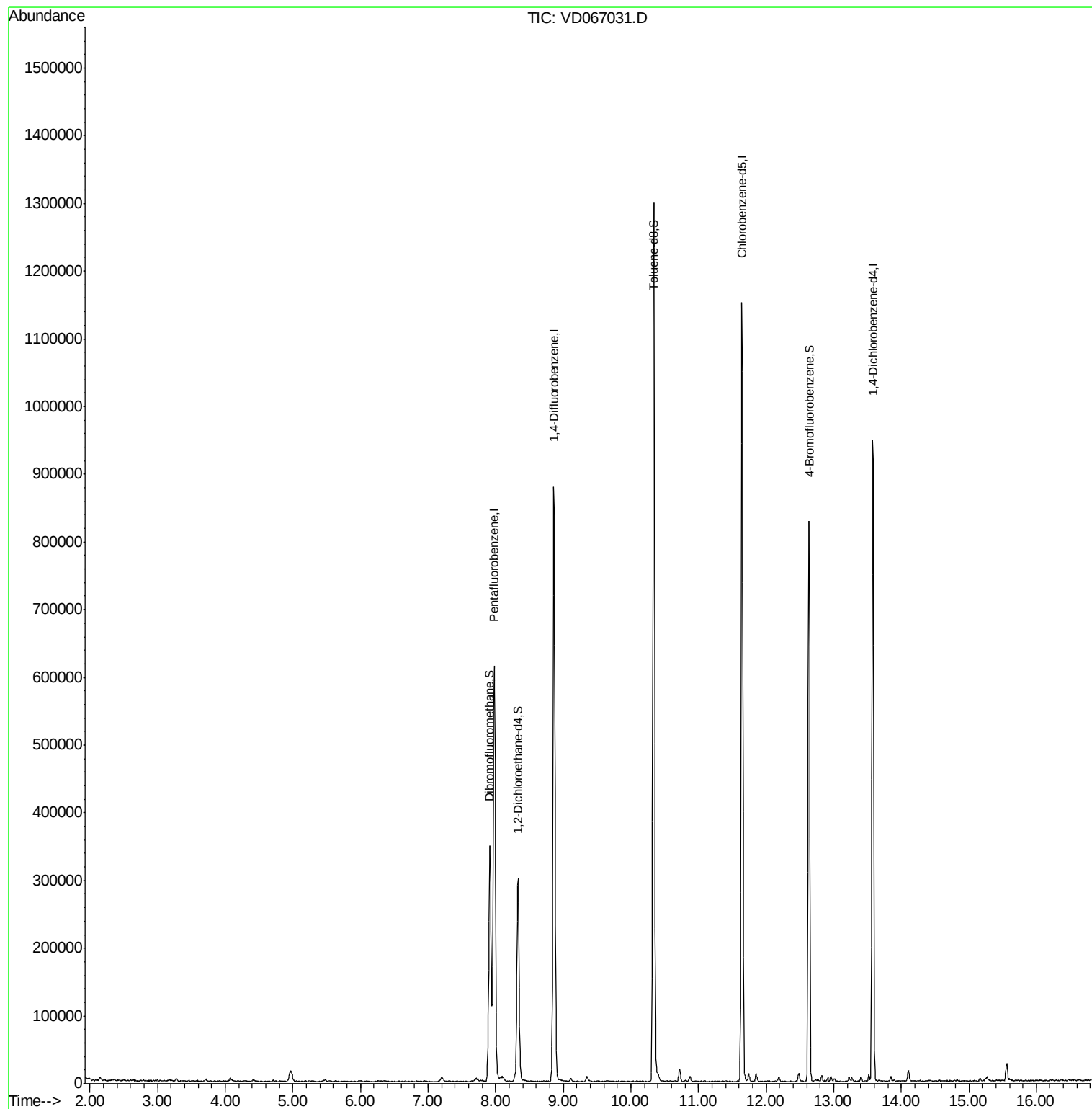
Target Compounds	Qvalue
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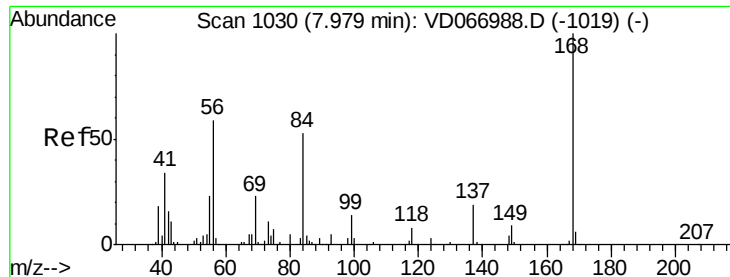
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067031.D

Acq: 02 Oct 2020 13:15

Instrument :

MSVOA_D

ClientSampleId :

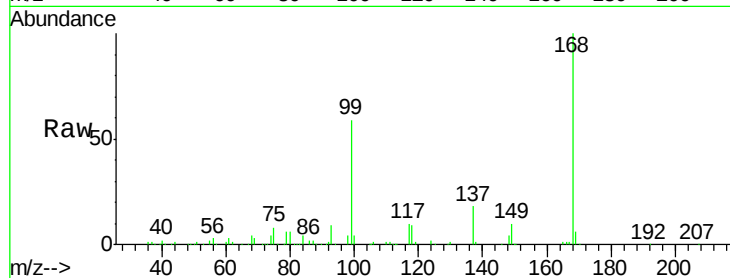
NB-08-093020

Tot Ion:168 Resp: 460445

Ion Ratio Lower Upper

168 100

99 59.2 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

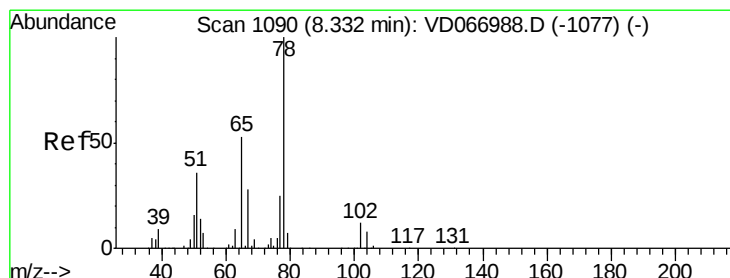
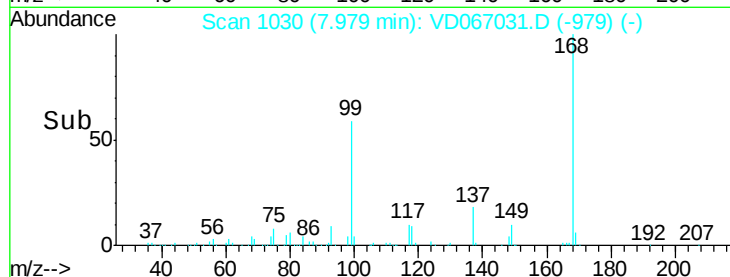
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.722 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067031.D

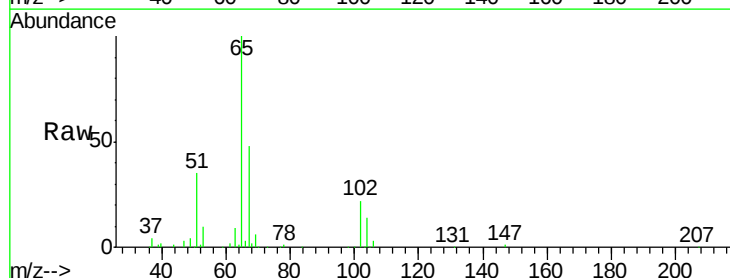
Acq: 02 Oct 2020 13:15

Tgt Ion: 65 Resp: 242693

Ion Ratio Lower Upper

65 100

67 51.0 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

120000

100000

80000

60000

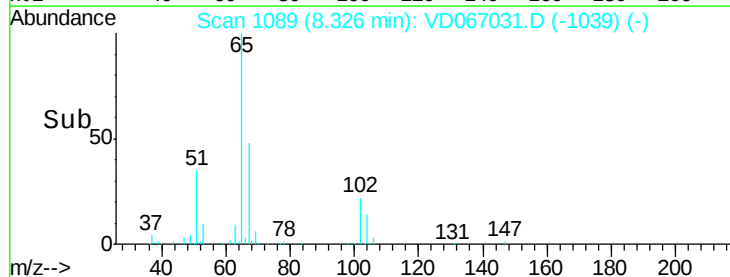
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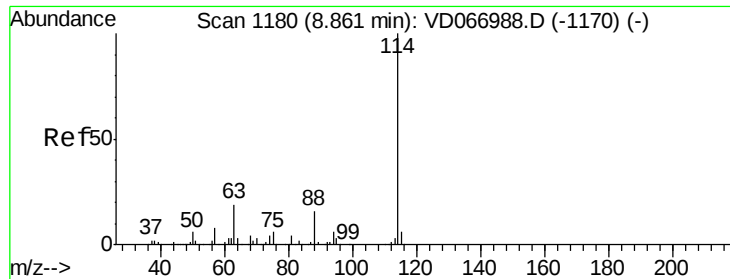
20000

0

Time-->

8.20 8.30 8.40

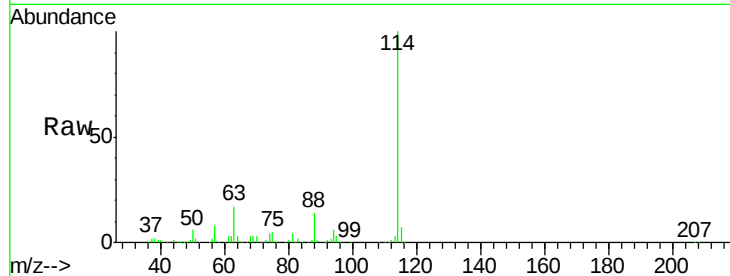




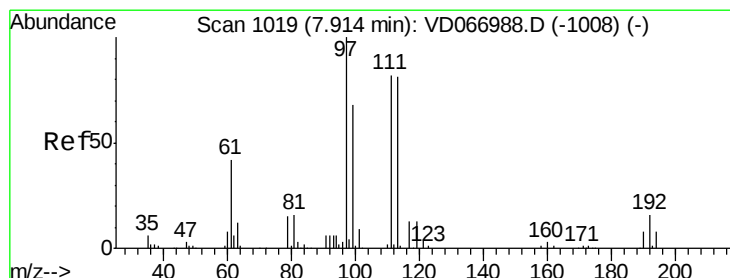
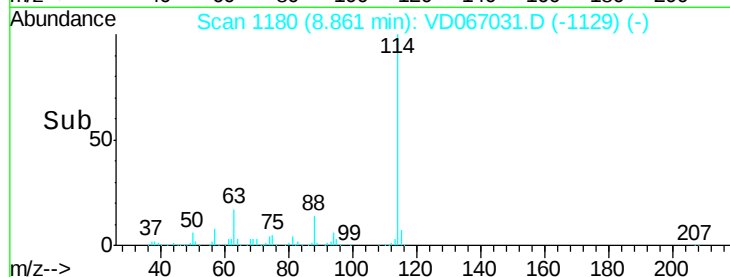
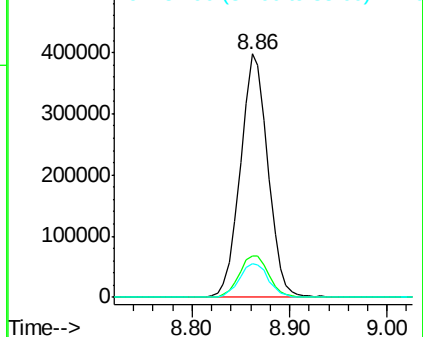
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067031.D
 Acq: 02 Oct 2020 13:15

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-093020

Tot Ion:114 Resp: 777471
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 38.4
 88 14.0 0.0 31.2

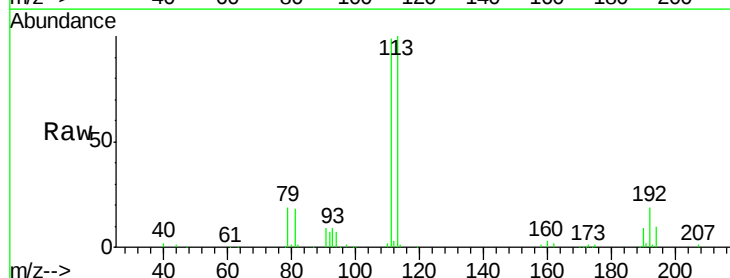


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

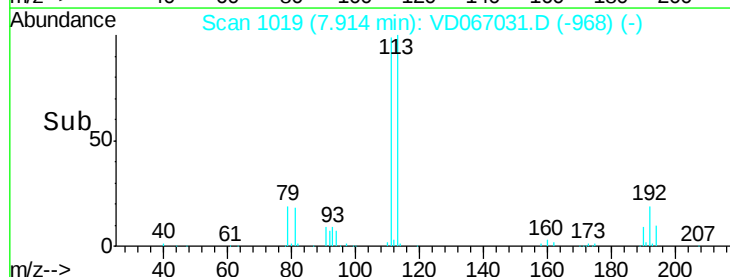
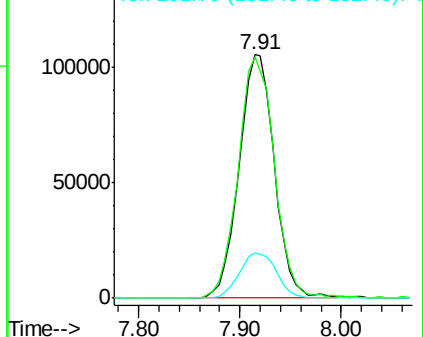


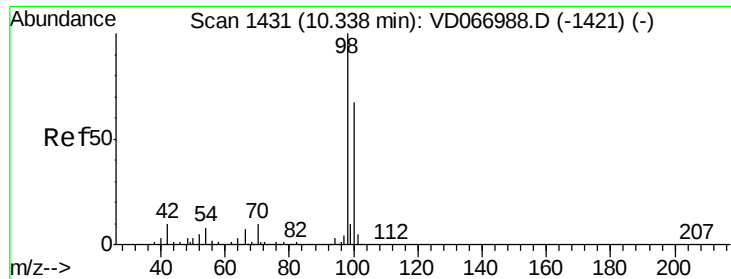
#35
 Dibromofluoromethane
 Concen: 49.908 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067031.D
 Acq: 02 Oct 2020 13:15

Tgt Ion:113 Resp: 254030
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.4
 192 19.5 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

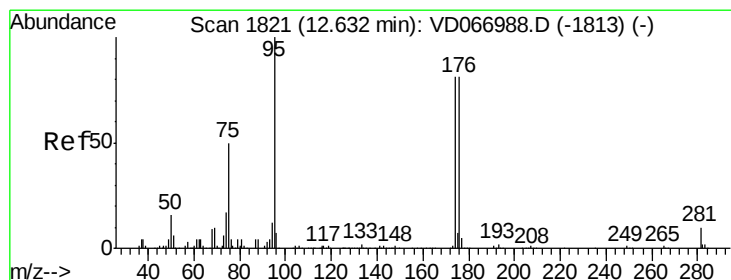
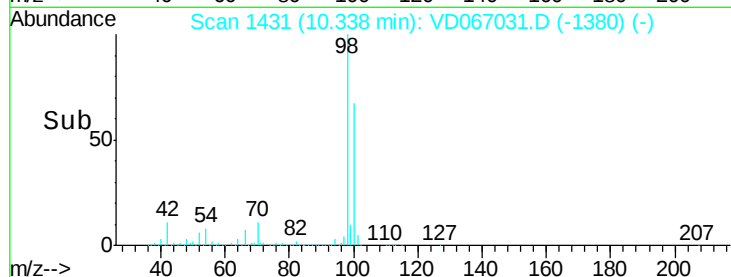
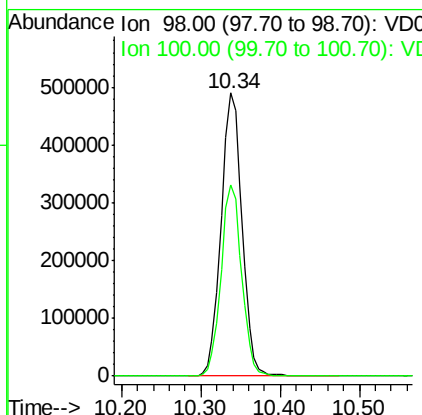
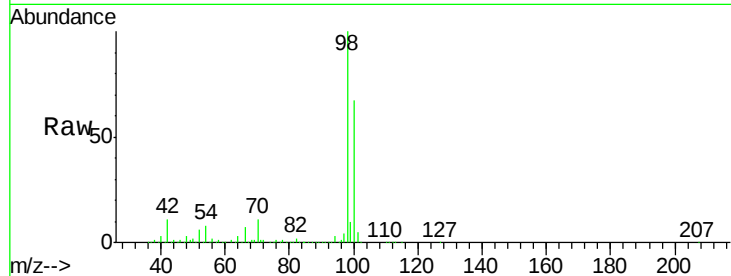




#50
Toluene-d8
Concen: 48.382 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

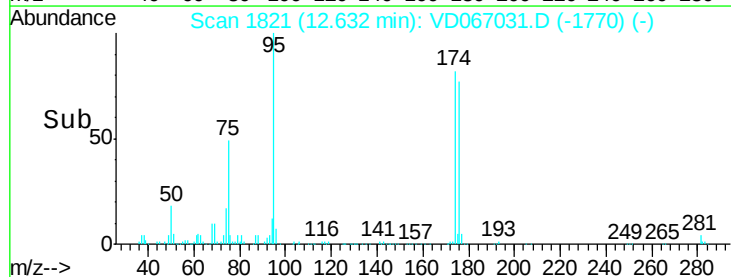
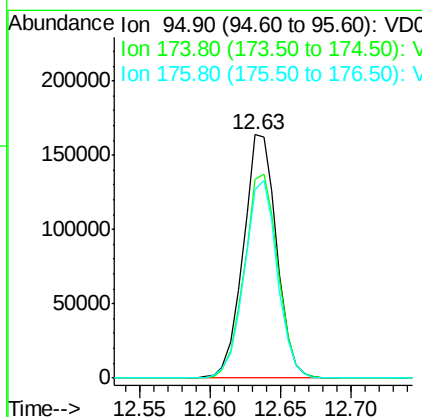
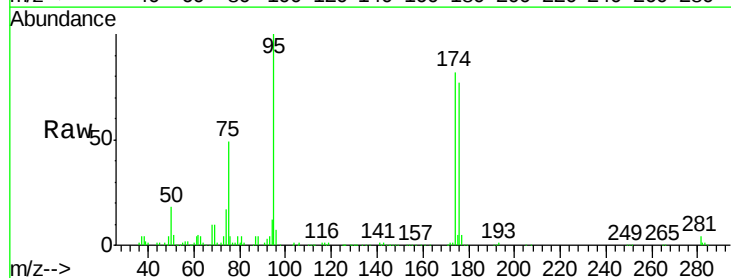
Instrument :
MSVOA_D
ClientSampleId :
NB-08-093020

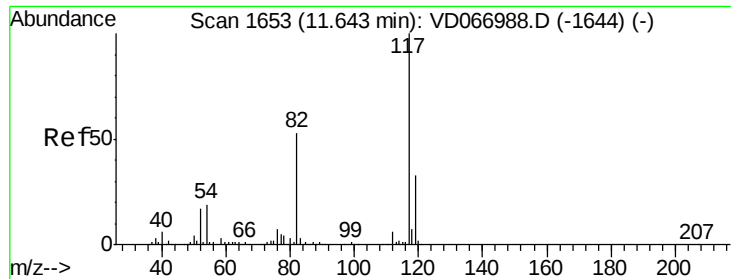
Tot Ion: 98 Resp: 897350
Ion Ratio Lower Upper
98 100
100 66.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 43.002 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

Tgt Ion: 95 Resp: 270753
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 80.4 0.0 162.4

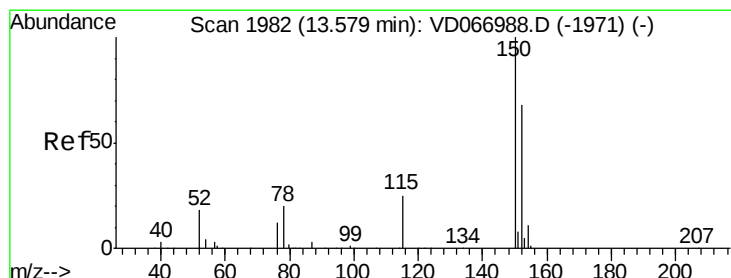
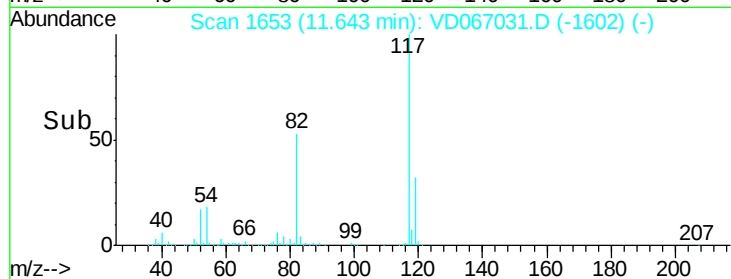
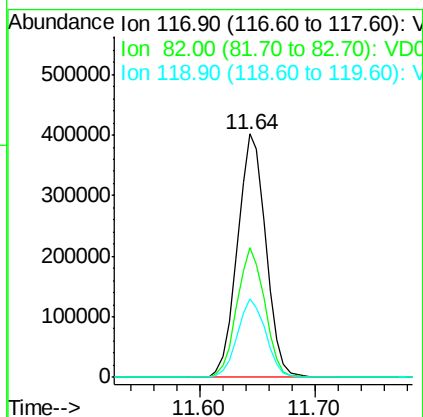
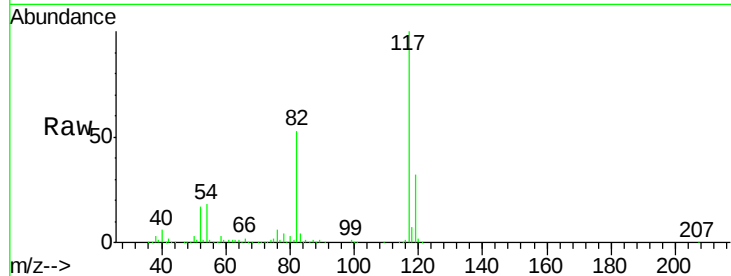




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

Instrument :
MSVOA_D
ClientSampleId :
NB-08-093020

Tot Ion:117 Resp: 683910
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067031.D
Acq: 02 Oct 2020 13:15

Tgt Ion:152 Resp: 264329
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 162.2 0.0 344.8

