

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067239.D
 Acq On : 12 Oct 2020 18:10
 Operator : VA/SY
 Sample : L4370-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 343

Quant Time: Oct 13 00:56:31 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	327801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	535135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	509554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244412	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	168097	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
35) Dibromofluoromethane	7.92	113	175215	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.34	98	629852	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.64	95	217101	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

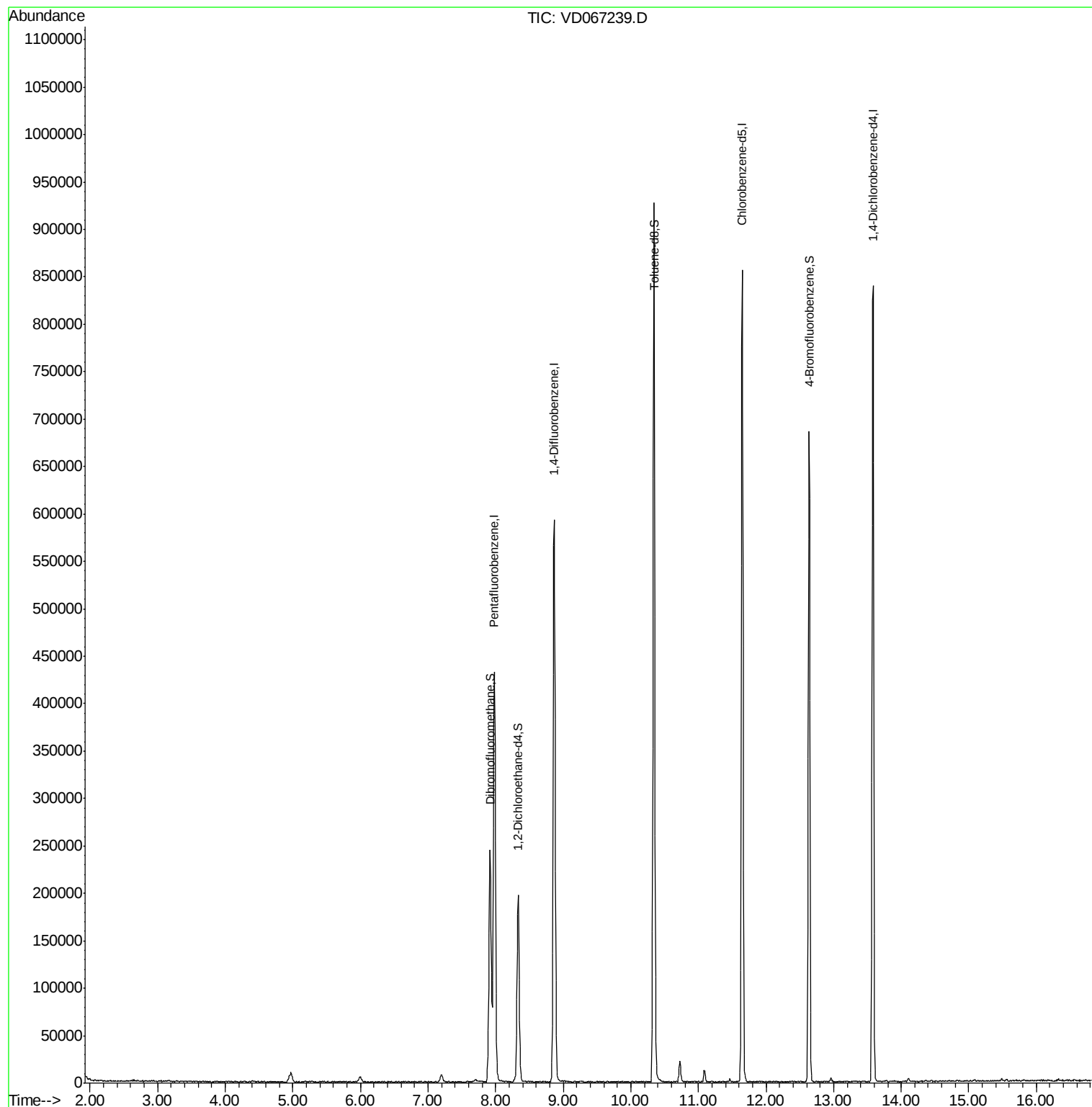
Target Compounds	Qvalue

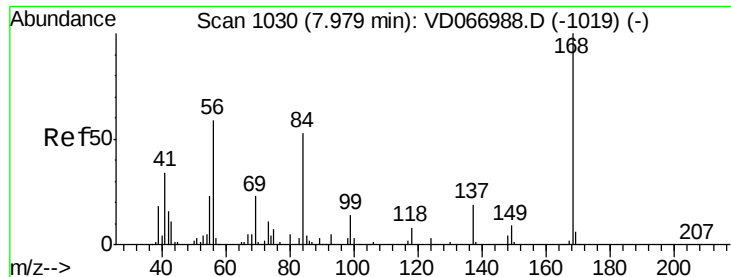
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101220\
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QLast Update : Thu Oct 01 15:19:17 2020
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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: VD067239.D

Acq: 12 Oct 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

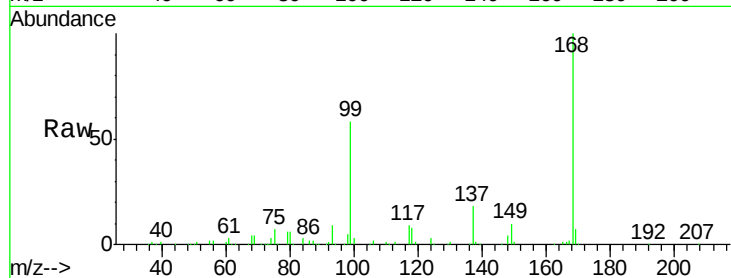
343

Tot Ion:168 Resp: 327801

Ion Ratio Lower Upper

168 100

99 57.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

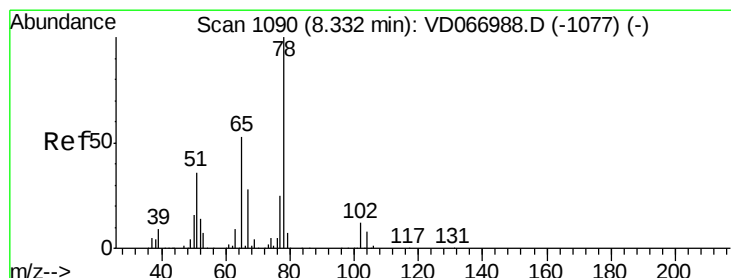
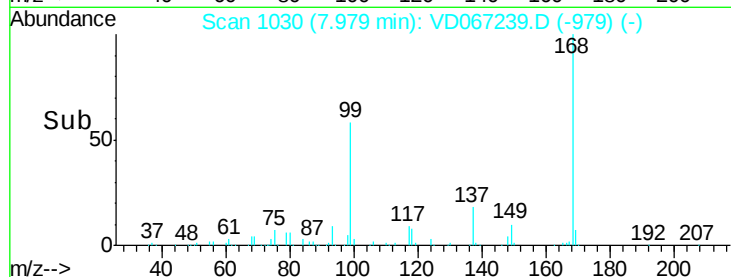
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.240 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067239.D

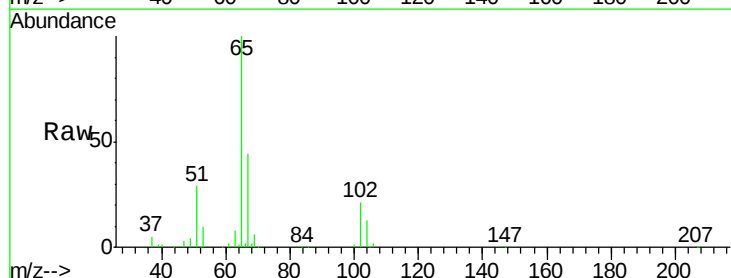
Acq: 12 Oct 2020 18:10

Tgt Ion: 65 Resp: 168097

Ion Ratio Lower Upper

65 100

67 49.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

80000

60000

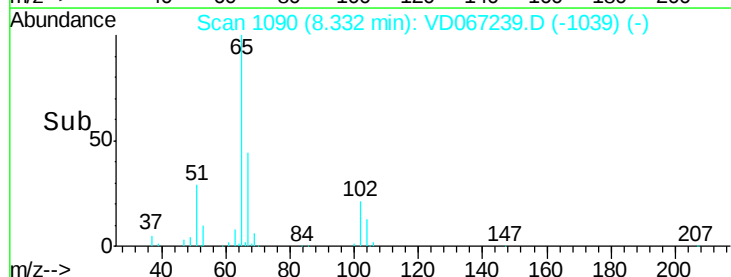
40000

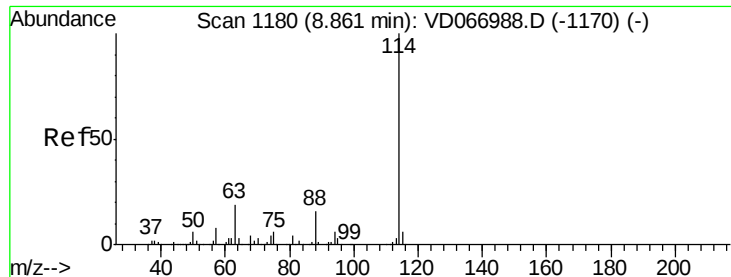
20000

0

8.30 8.33 8.36 8.39 8.42

Time-->

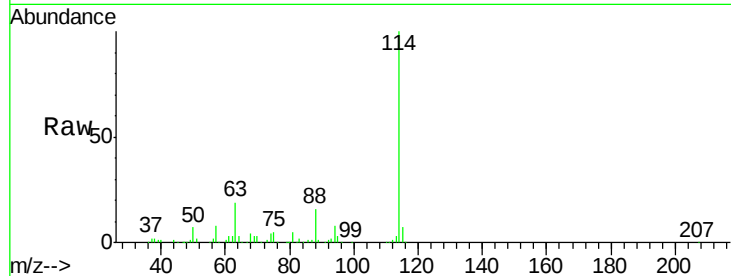




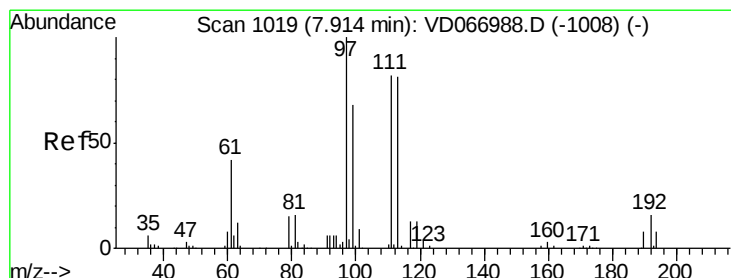
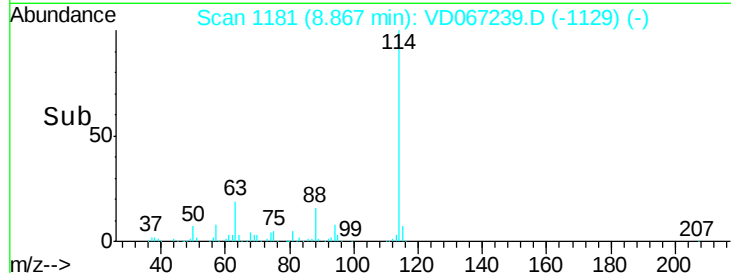
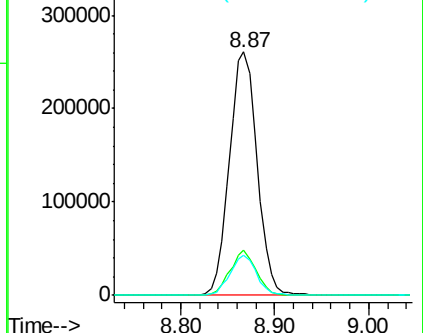
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067239.D
 Acq: 12 Oct 2020 18:10

Instrument :
 MSVOA_D
 ClientSampleId :
 343

Tot Ion:114 Resp: 535135
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 16.3 0.0 31.2

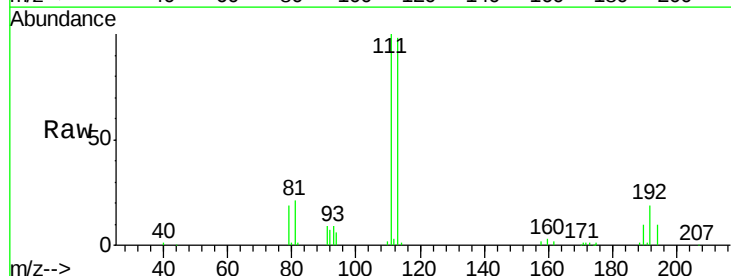


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

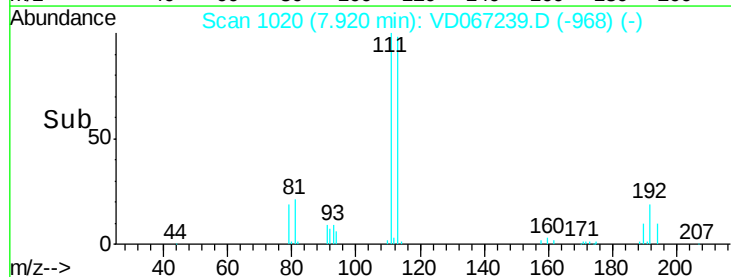
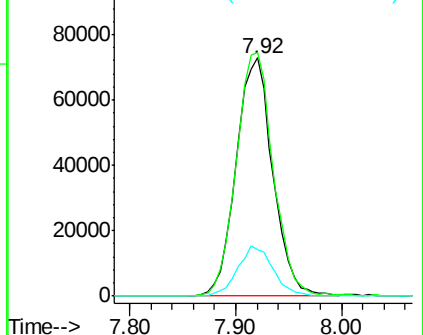


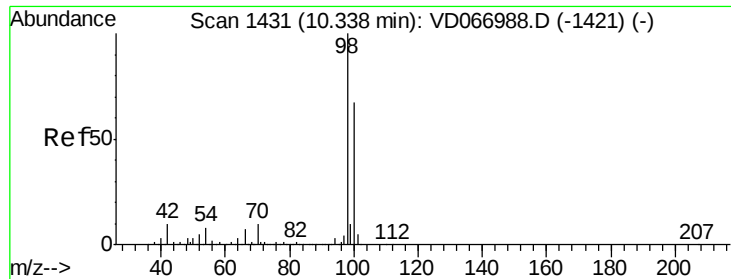
#35
 Dibromofluoromethane
 Concen: 50.012 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067239.D
 Acq: 12 Oct 2020 18:10

Tgt Ion:113 Resp: 175215
 Ion Ratio Lower Upper
 113 100
 111 103.6 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: 49.338 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067239.D

Acq: 12 Oct 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

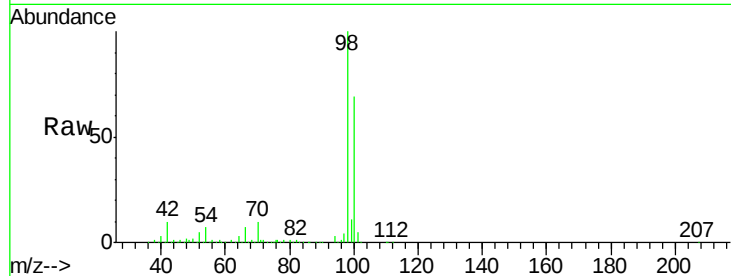
343

Tot Ion: 98 Resp: 629852

Ion Ratio Lower Upper

98 100

100 67.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

400000

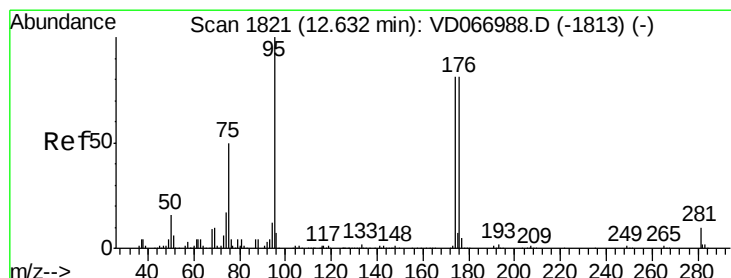
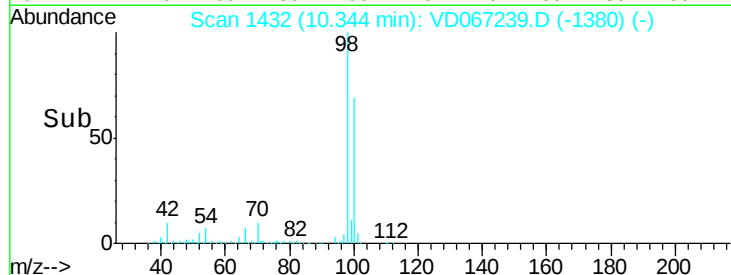
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.095 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067239.D

Acq: 12 Oct 2020 18:10

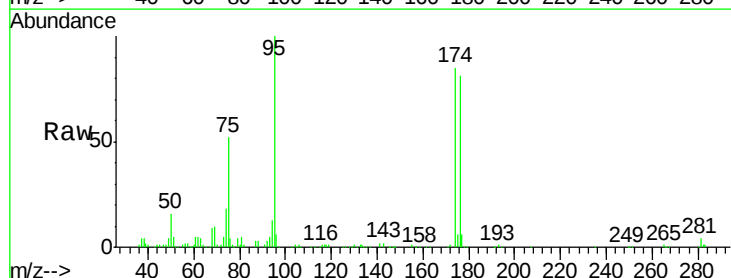
Tgt Ion: 95 Resp: 217101

Ion Ratio Lower Upper

95 100

174 86.8 0.0 167.6

176 83.6 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

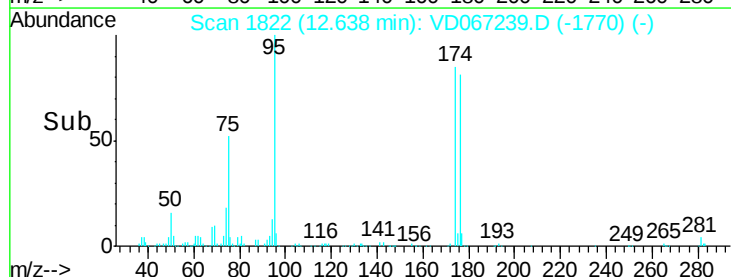
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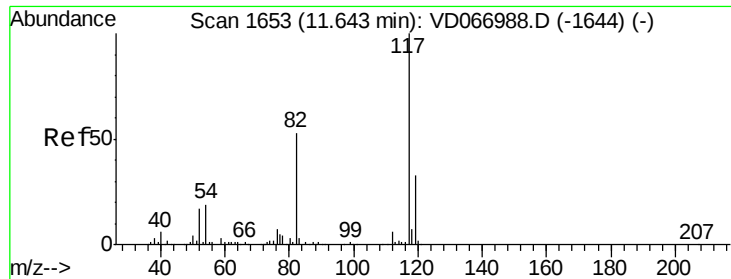
100000

50000

0

Time-->

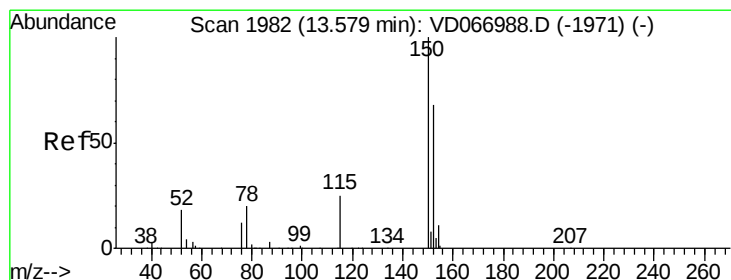
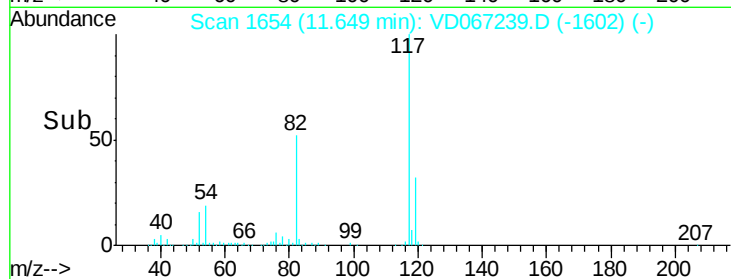
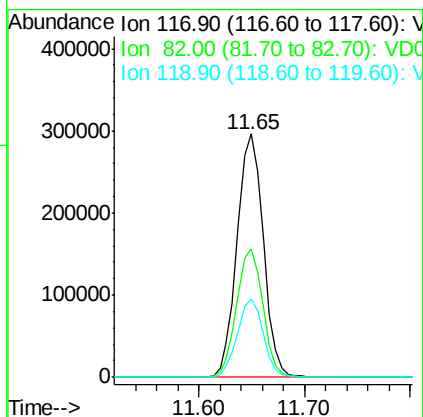
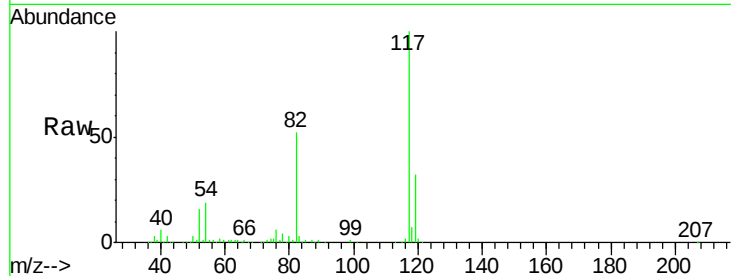




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067239.D
Acq: 12 Oct 2020 18:10

Instrument :
MSVOA_D
ClientSampleId :
343

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	63.8
119	32.4	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: VD067239.D
Acq: 12 Oct 2020 18:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.6	88.8
150	154.4	0.0	344.8

