

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067184.D
 Acq On : 08 Oct 2020 10:30
 Operator : VA/SY
 Sample : VD1008SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBL01

Quant Time: Oct 08 16:28:57 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	421314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	671046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	289096	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	204885	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	7.91	113	213241	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	10.34	98	757001	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	12.64	95	263491	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

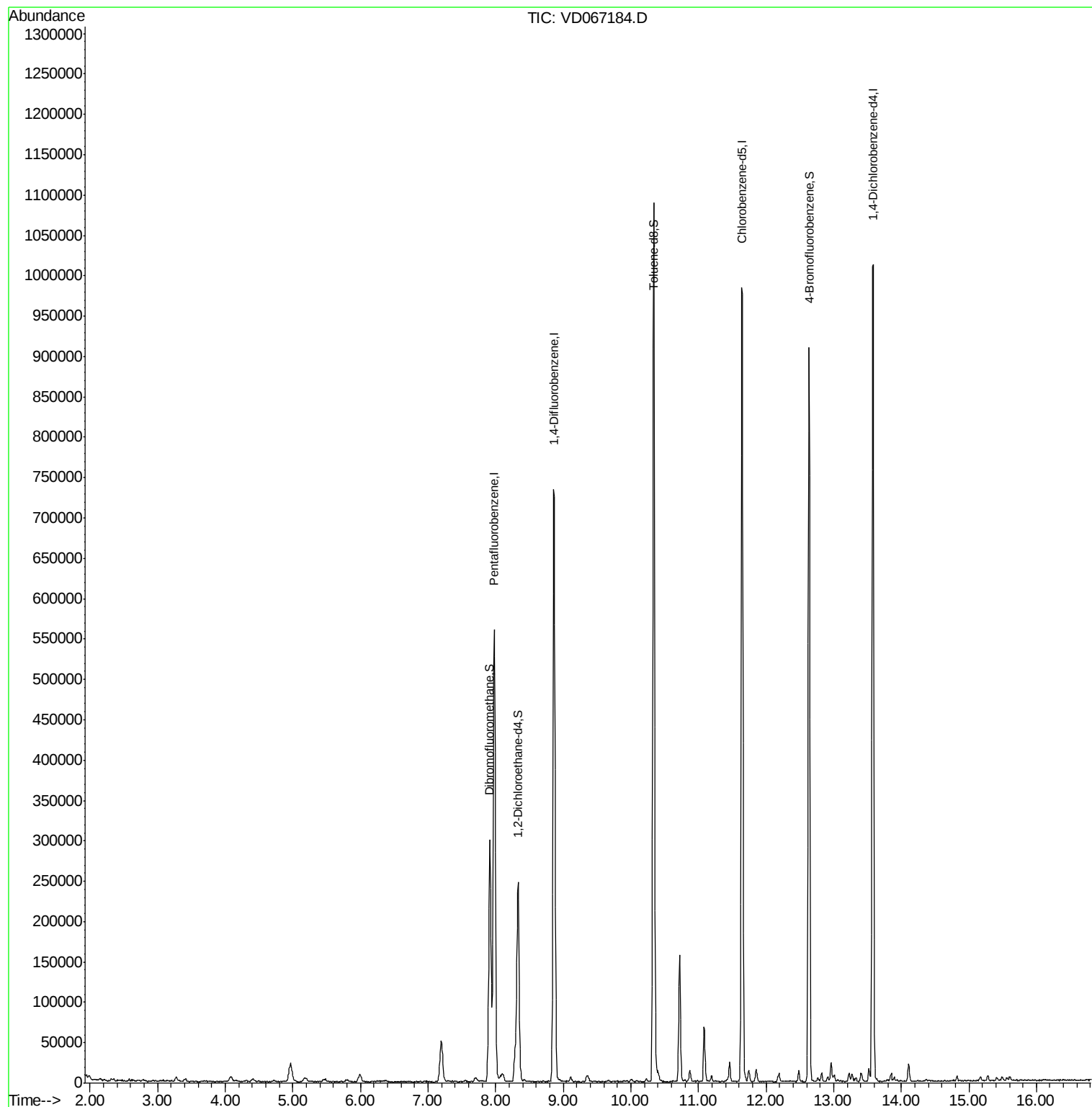
Target Compounds	Qvalue
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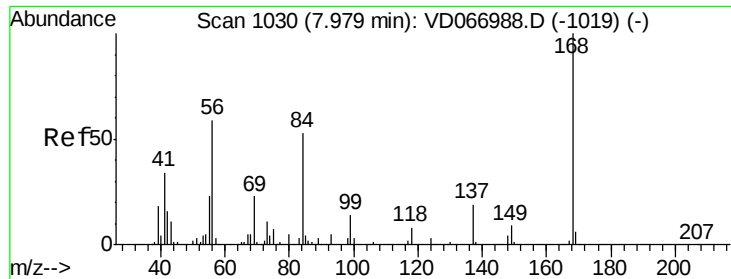
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100820\
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Quant Title : SW846 8260
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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: VD067184.D

Acq: 08 Oct 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

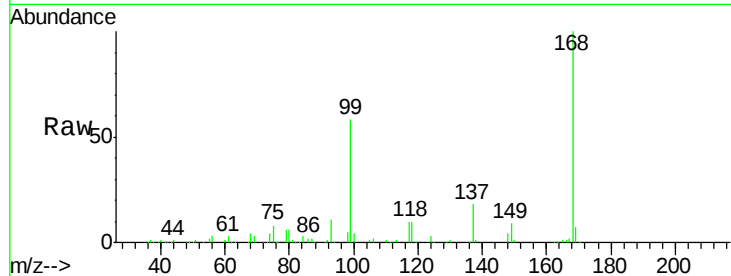
VD1008SBL01

Tot Ion:168 Resp: 421314

Ion Ratio Lower Upper

168 100

99 57.3 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

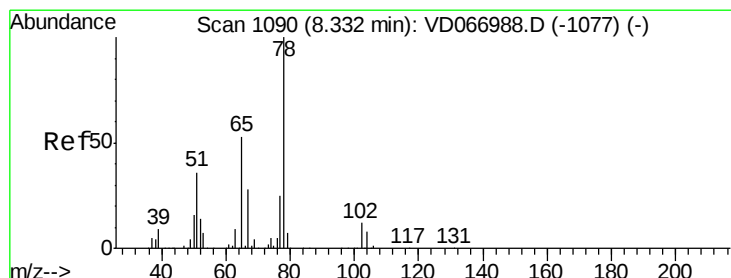
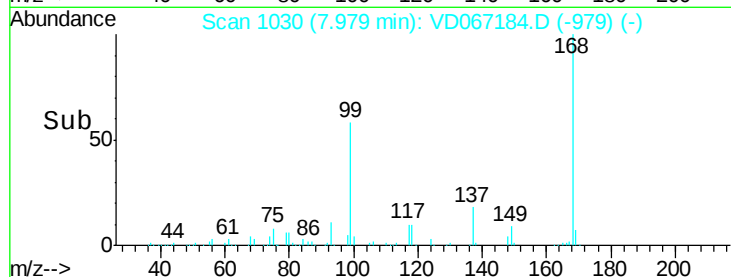
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.488 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067184.D

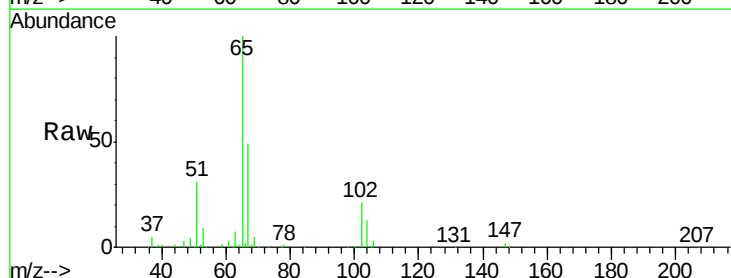
Acq: 08 Oct 2020 10:30

Tgt Ion: 65 Resp: 204885

Ion Ratio Lower Upper

65 100

67 50.5 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

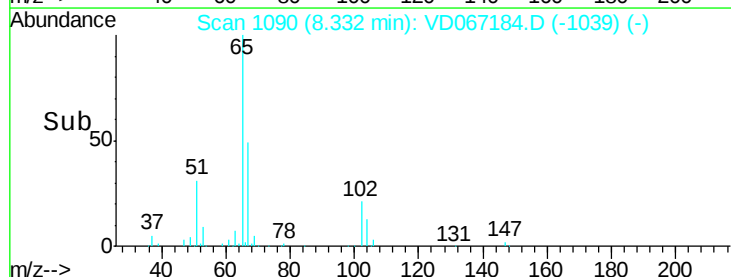
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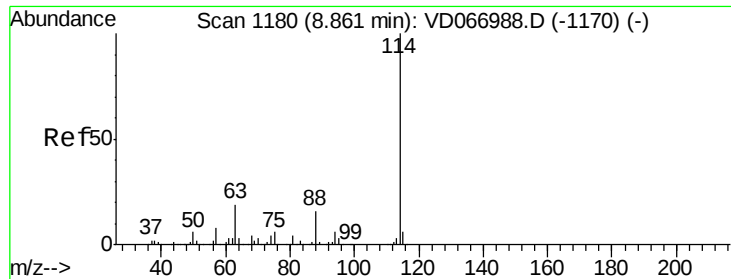
40000

20000

0

Time-->

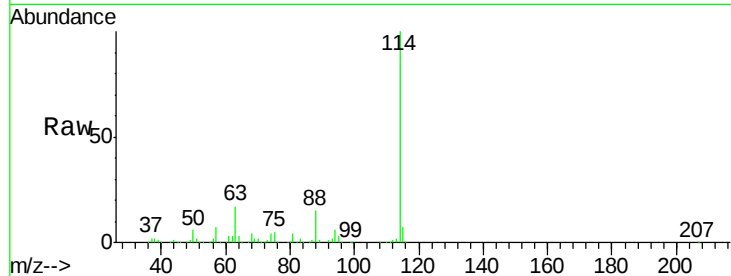




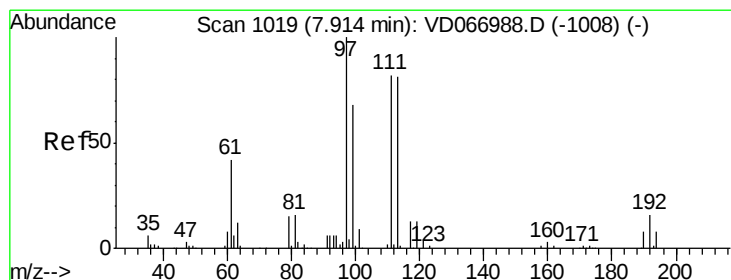
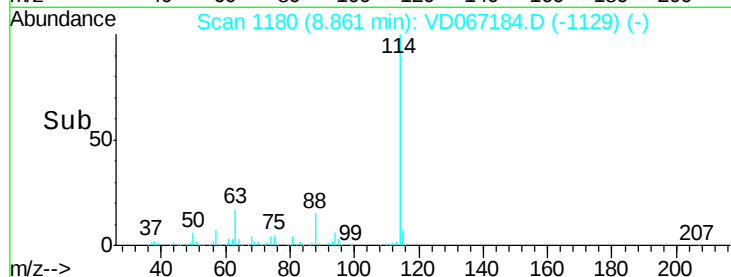
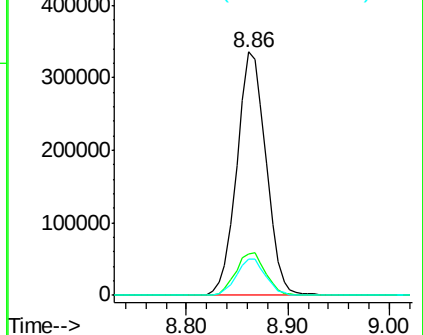
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD067184.D
 Acq: 08 Oct 2020 10:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBL01

Tot Ion:114 Resp: 671046
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 38.4
 88 15.0 0.0 31.2

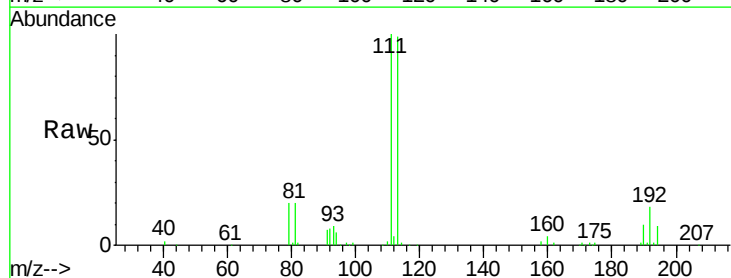


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

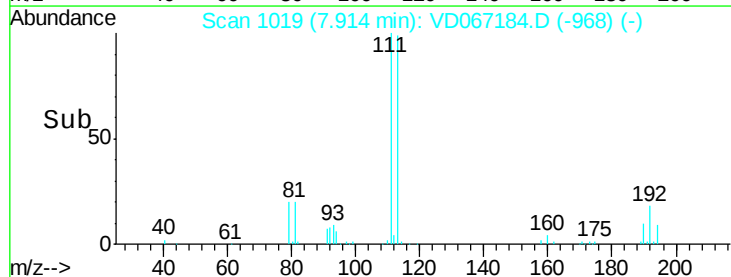
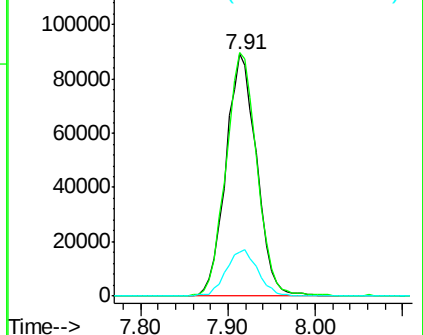


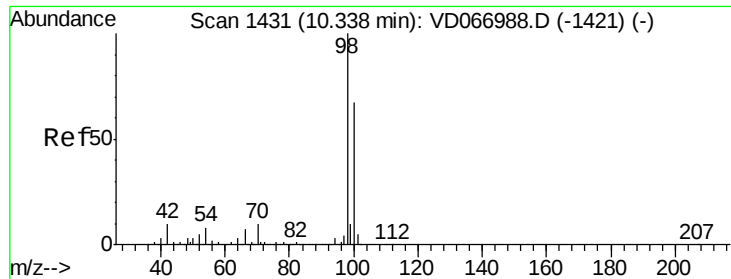
#35
 Dibromofluoromethane
 Concen: 48.539 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067184.D
 Acq: 08 Oct 2020 10:30

Tgt Ion:113 Resp: 213241
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.0 124.4
 192 19.7 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: 47.288 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067184.D

Acq: 08 Oct 2020 10:30

Instrument :

MSVOA_D

ClientSampleId :

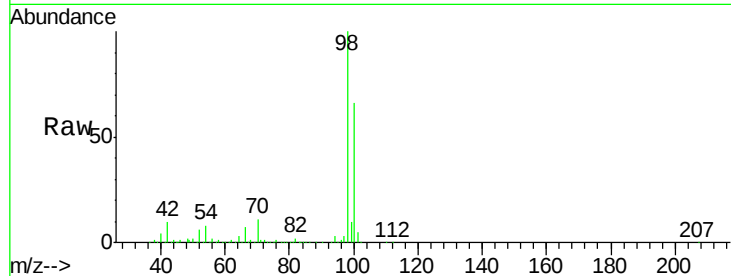
VD1008SBL01

Tot Ion: 98 Resp: 757001

Ion Ratio Lower Upper

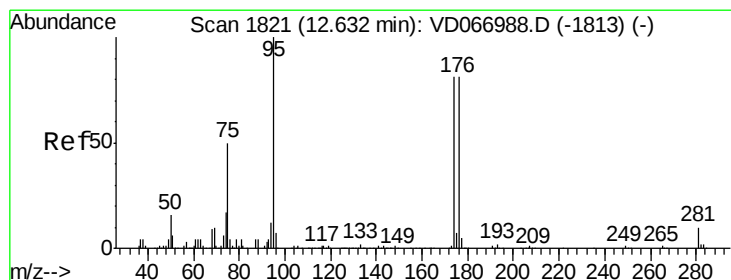
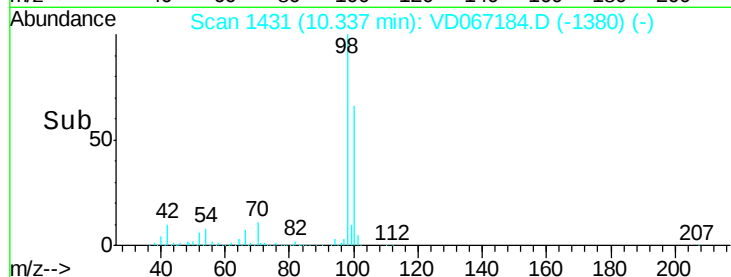
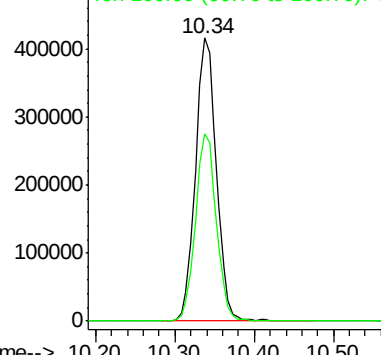
98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.485 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067184.D

Acq: 08 Oct 2020 10:30

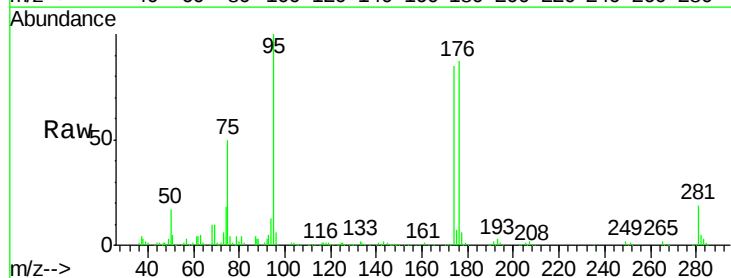
Tgt Ion: 95 Resp: 263491

Ion Ratio Lower Upper

95 100

174 86.7 0.0 167.6

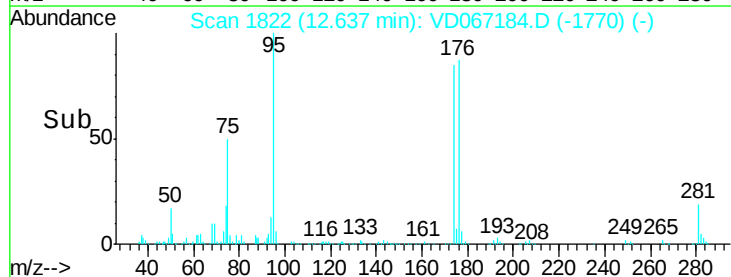
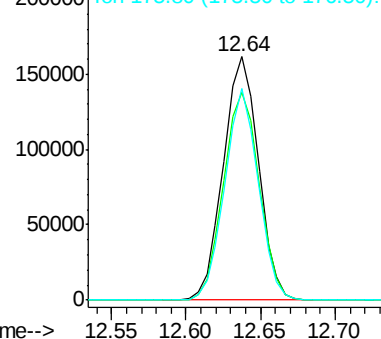
176 82.7 0.0 162.4

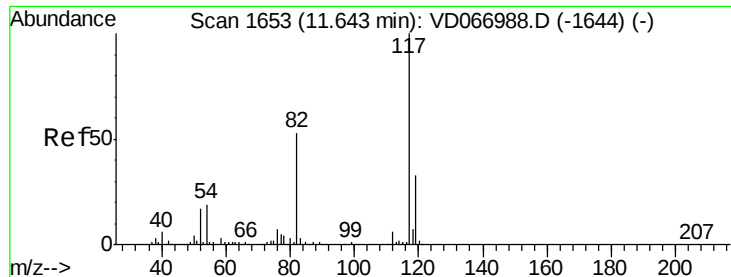


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

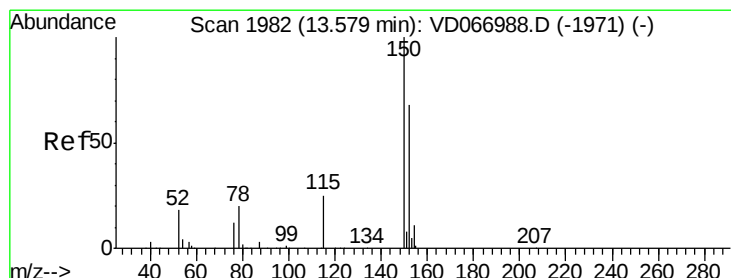
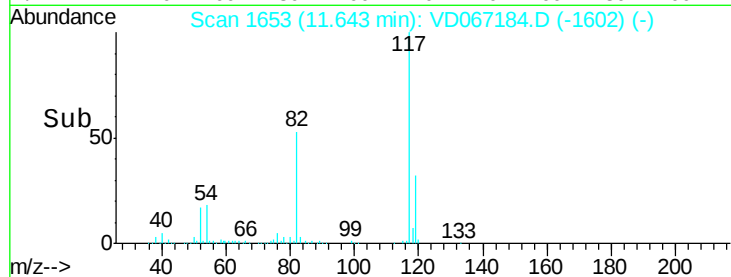
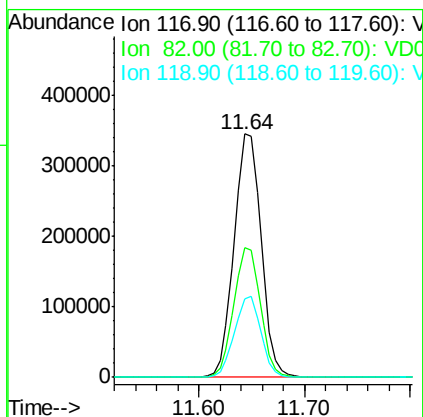
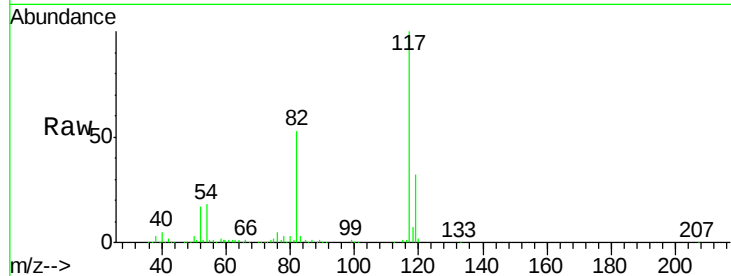




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067184.D
Acq: 08 Oct 2020 10:30

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBL01

Tot Ion:117 Resp: 610198
Ion Ratio Lower Upper
117 100
82 53.5 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# 1983
Delta R.T. 0.01 min
Lab File: VD067184.D
Acq: 08 Oct 2020 10:30

Tgt Ion:152 Resp: 289096
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 160.0 0.0 344.8

