

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067190.D
 Acq On : 08 Oct 2020 13:14
 Operator : VA/SY
 Sample : L4313-01
 Misc : 6.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DISP-1

Quant Time: Oct 08 19:13:43 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	388315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	614059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	574090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	275530	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	186395	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.92	113	197618	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.34	98	719539	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.64	95	250093	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

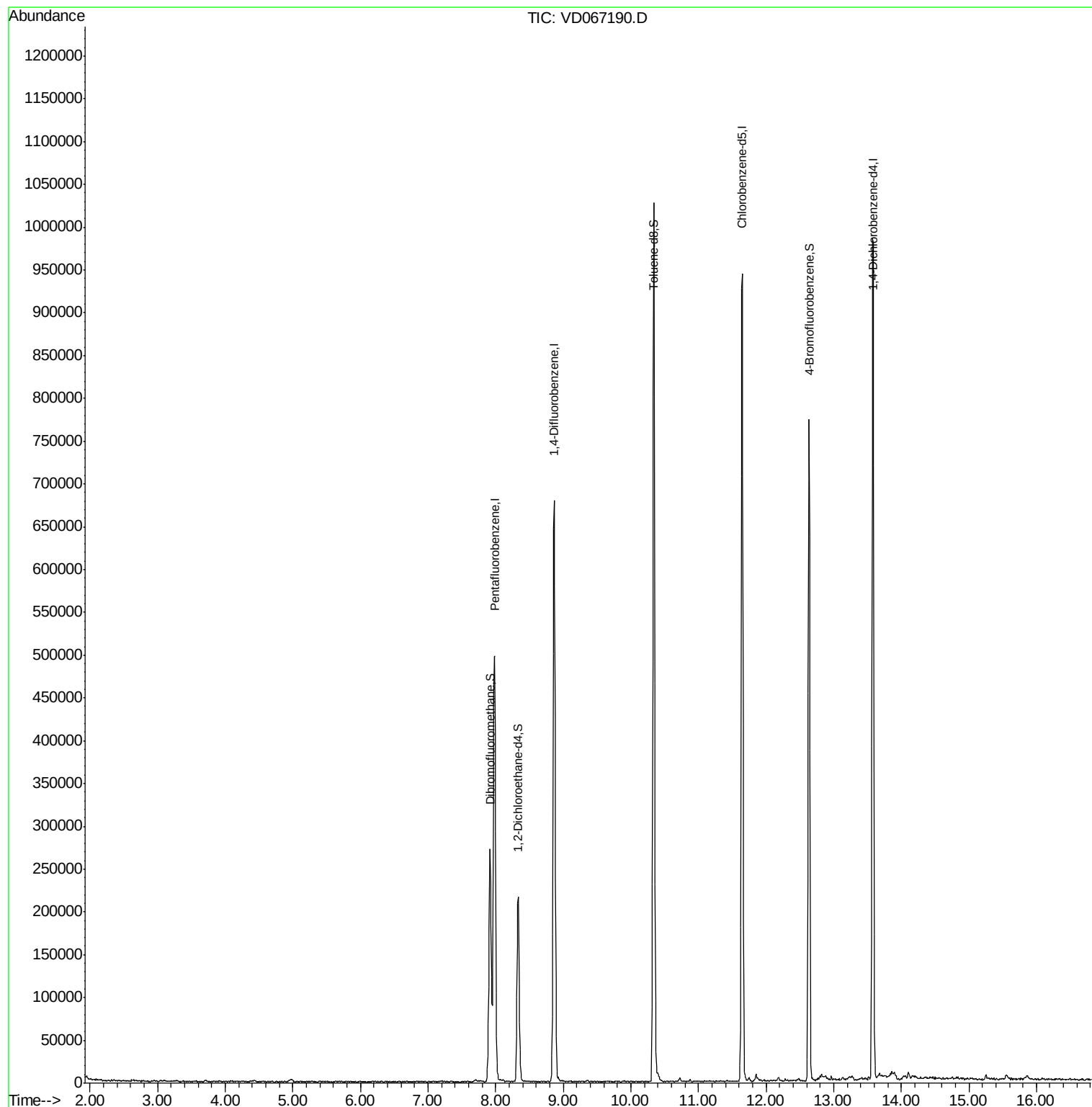
Target Compounds	Qvalue

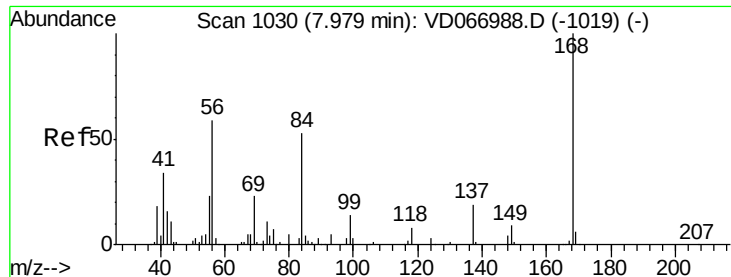
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067190.D

Acq: 08 Oct 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

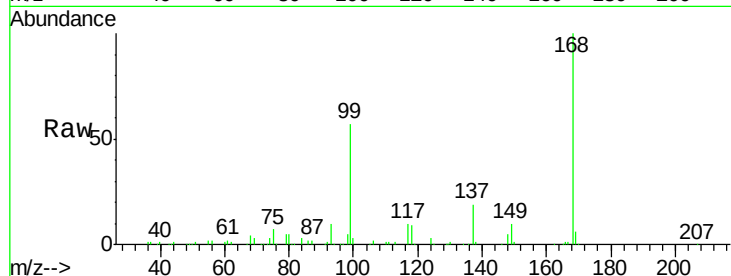
DISP-1

Tot Ion:168 Resp: 388315

Ion Ratio Lower Upper

168 100

99 56.6 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

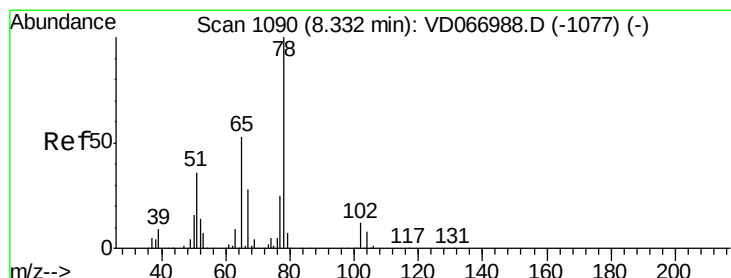
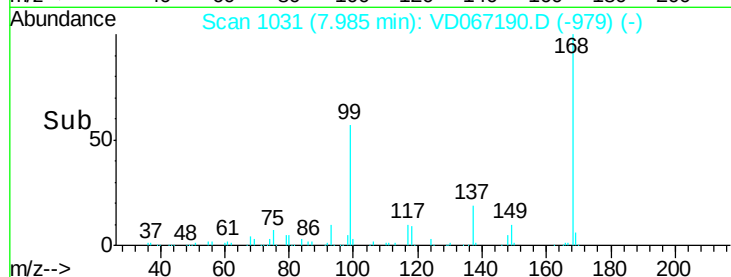
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.835 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067190.D

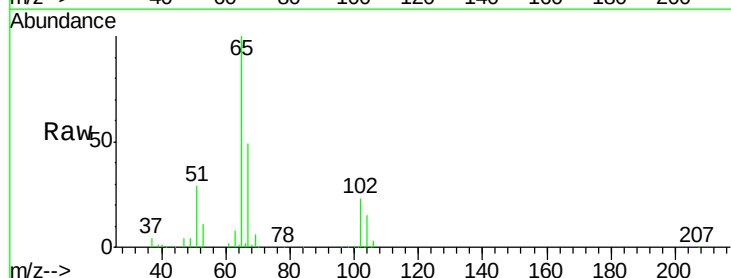
Acq: 08 Oct 2020 13:14

Tgt Ion: 65 Resp: 186395

Ion Ratio Lower Upper

65 100

67 49.2 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

80000

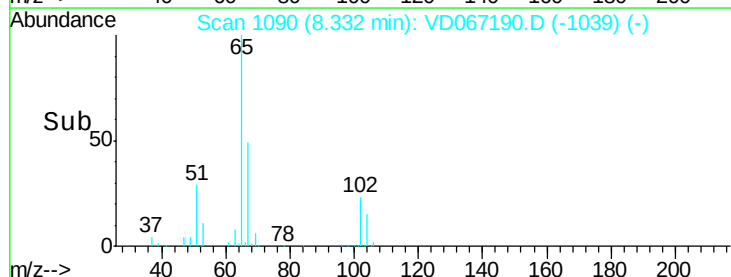
60000

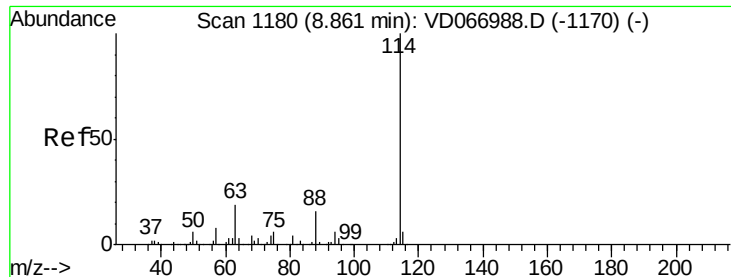
40000

20000

0

Time-->

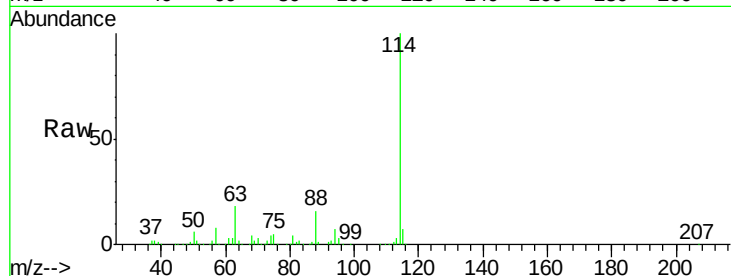




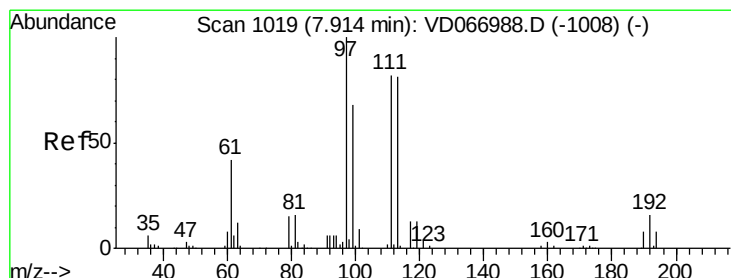
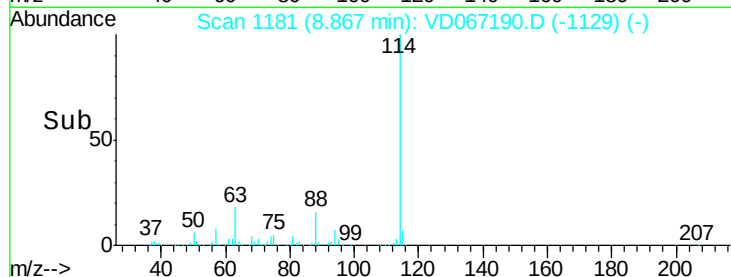
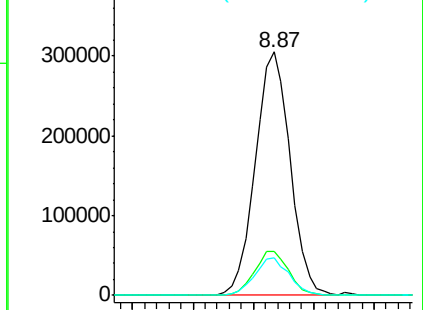
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067190.D
 Acq: 08 Oct 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 DISP-1

Tot Ion:114 Resp: 614059
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.4
 88 15.5 0.0 31.2

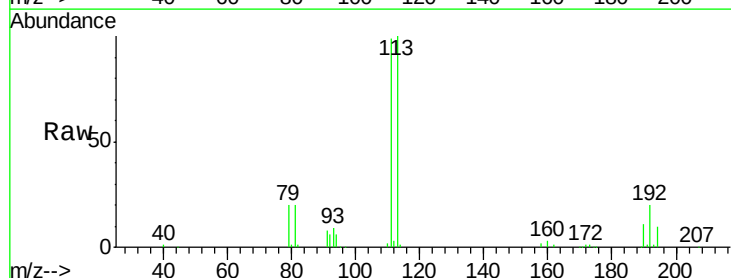


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

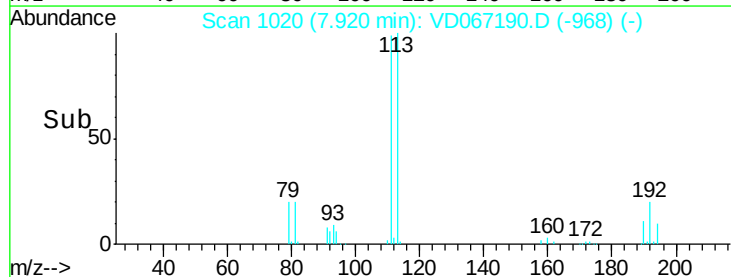
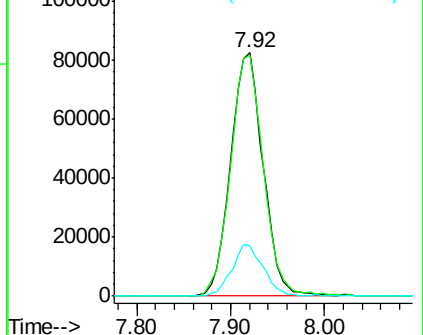


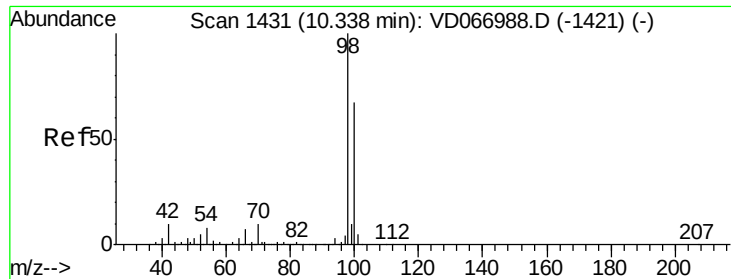
#35
 Dibromofluoromethane
 Concen: 49.157 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067190.D
 Acq: 08 Oct 2020 13:14

Tgt Ion:113 Resp: 197618
 Ion Ratio Lower Upper
 113 100
 111 100.0 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: 49.119 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067190.D

Acq: 08 Oct 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

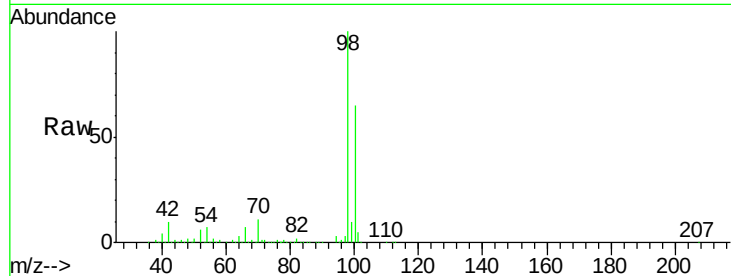
DISP-1

Tot Ion: 98 Resp: 719539

Ion Ratio Lower Upper

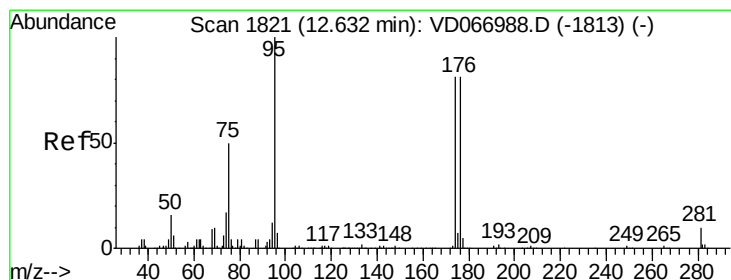
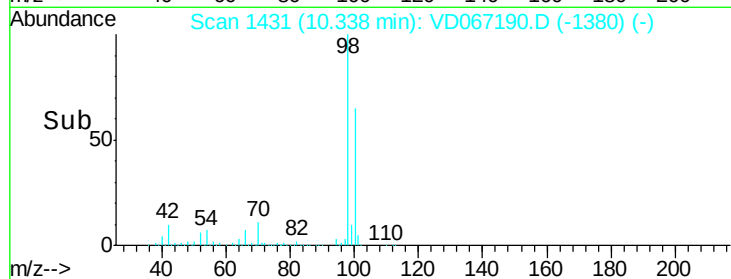
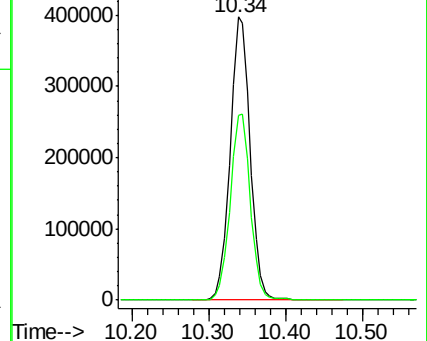
98 100

100 66.3 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: 50.291 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067190.D

Acq: 08 Oct 2020 13:14

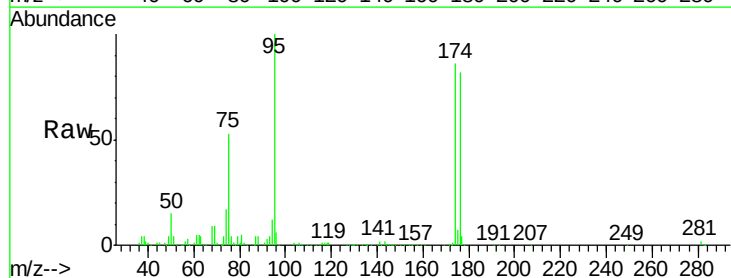
Tgt Ion: 95 Resp: 250093

Ion Ratio Lower Upper

95 100

174 86.1 0.0 167.6

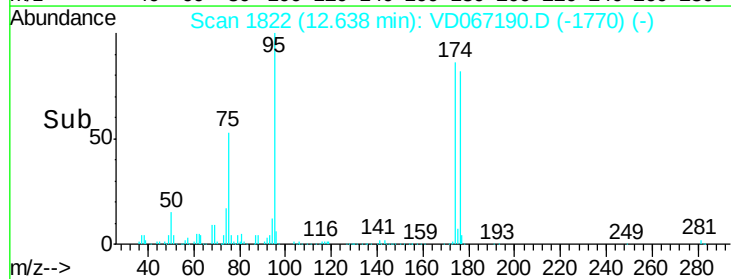
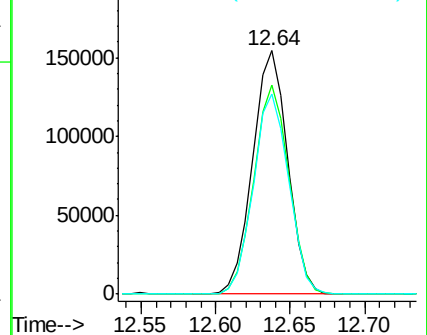
176 83.0 0.0 162.4

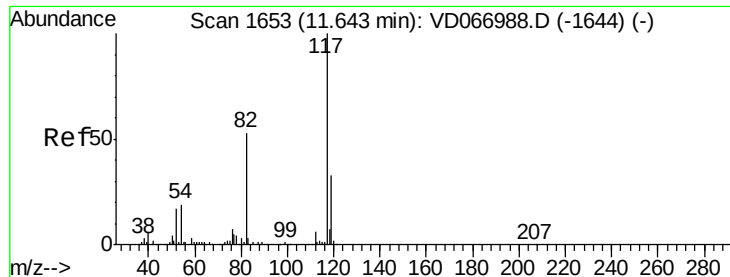


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

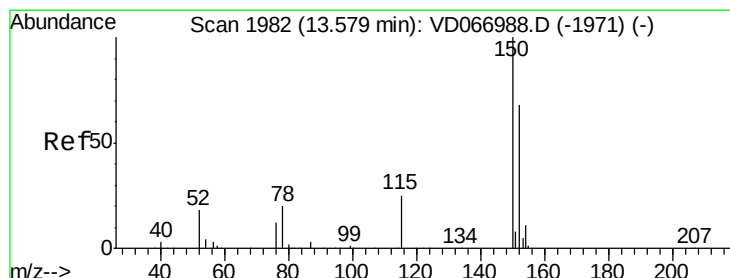
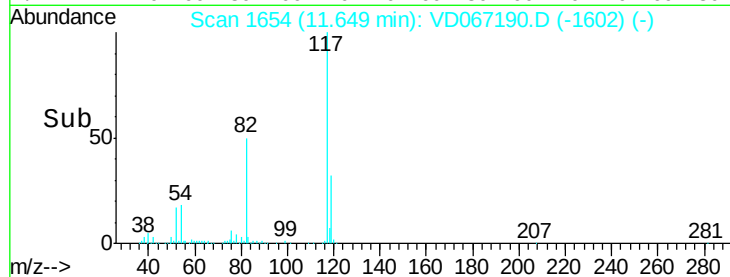
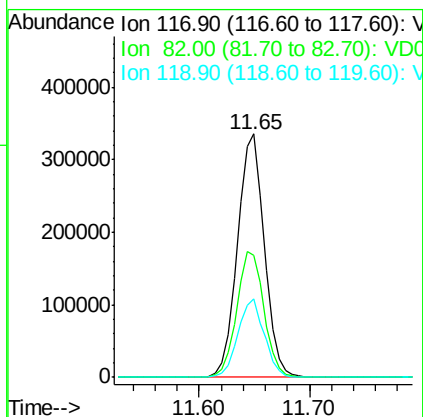
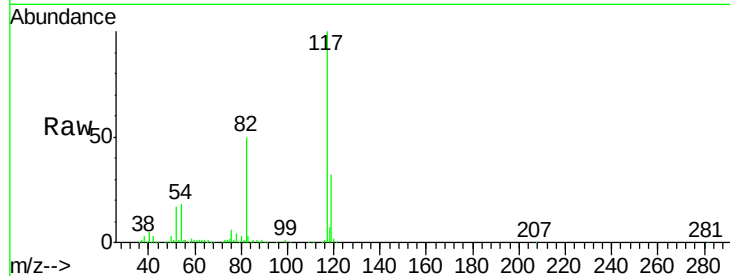




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067190.D
Acq: 08 Oct 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
DISP-1

Tot Ion:117 Resp: 574090
Ion Ratio Lower Upper
117 100
82 50.3 42.6 63.8
119 32.1 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: VD067190.D
Acq: 08 Oct 2020 13:14

Tgt Ion:152 Resp: 275530
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 158.9 0.0 344.8

