

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067159.D
 Acq On : 07 Oct 2020 18:19
 Operator : VA/SY
 Sample : L4273-11
 Misc : 4.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6

Quant Time: Oct 08 08:21:34 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

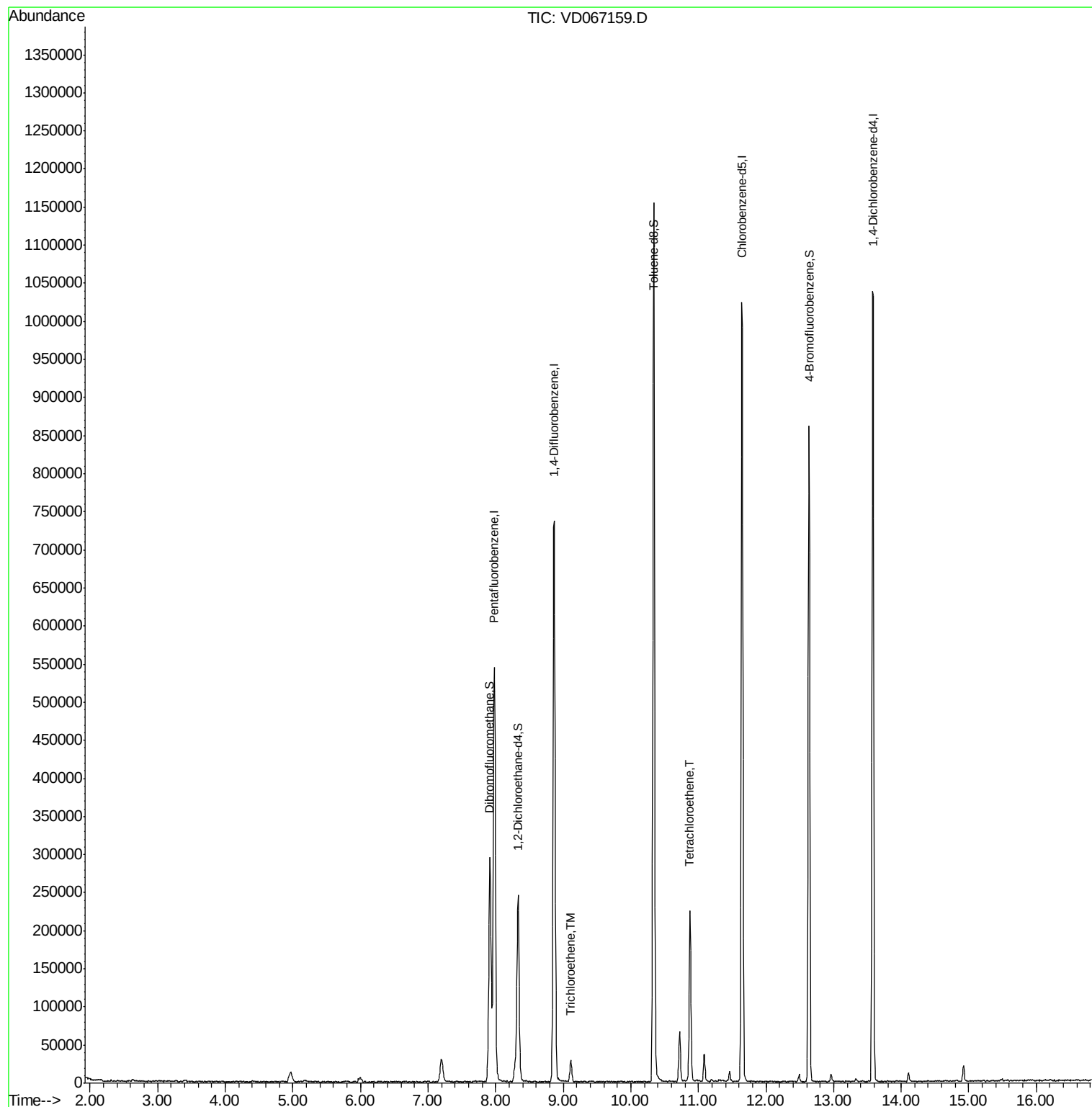
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	420730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	674243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	630986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	204255	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
35) Dibromofluoromethane	7.91	113	217295	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.34	98	790837	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.64	95	266196	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
Target Compounds						
44) Trichloroethene	9.11	130	10615	2.036	ug/l	93
64) Tetrachloroethene	10.88	164	56043	12.217	ug/l	86

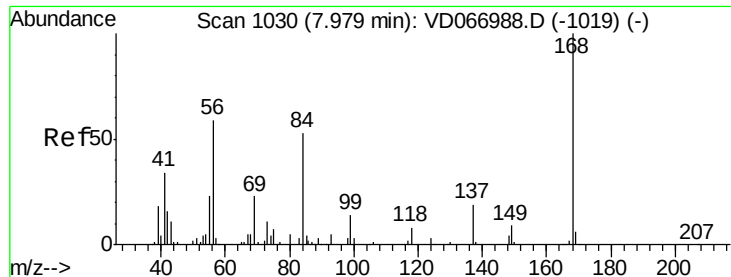
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067159.D

Acq: 07 Oct 2020 18:19

Instrument :

MSVOA_D

ClientSampled :

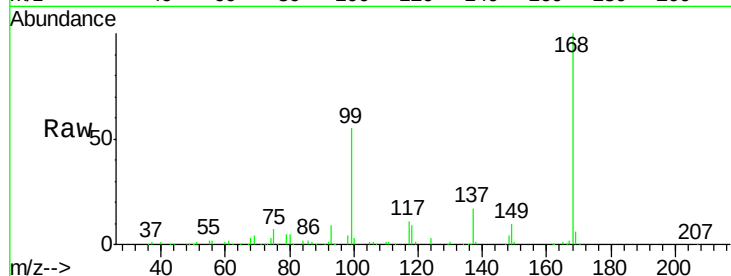
SB-6

Tot Ion:168 Resp: 420730

Ion Ratio Lower Upper

168 100

99 54.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

150000

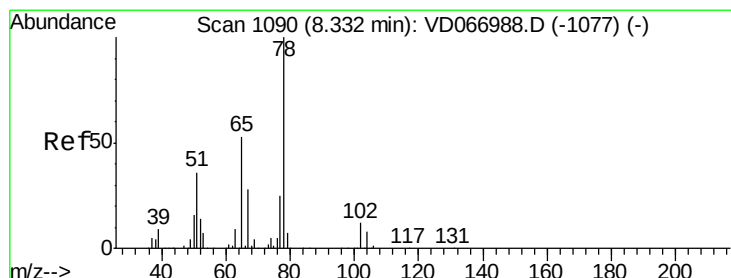
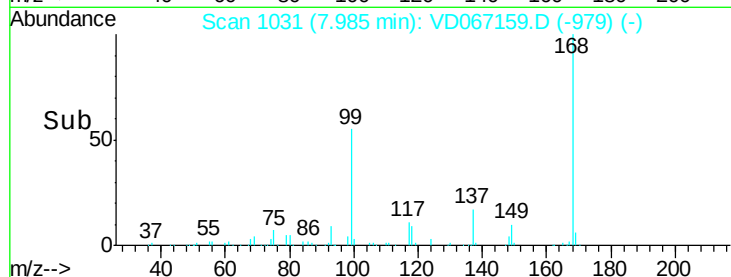
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.403 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067159.D

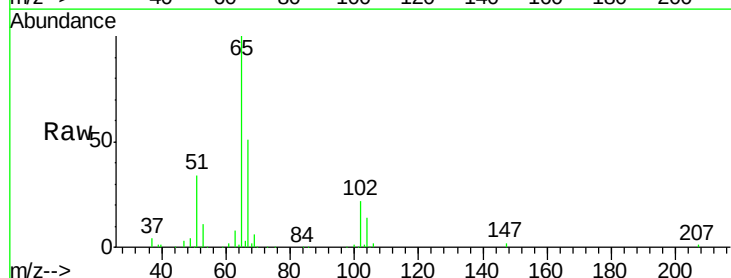
Acq: 07 Oct 2020 18:19

Tgt Ion: 65 Resp: 204255

Ion Ratio Lower Upper

65 100

67 50.4 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

60000

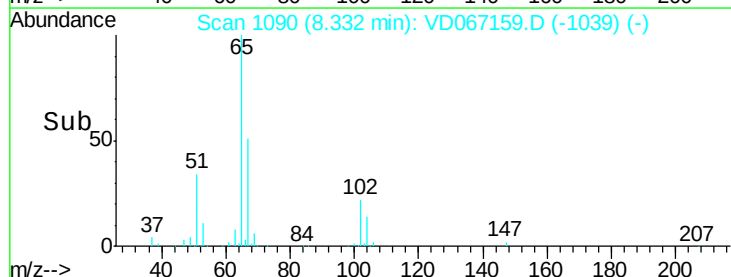
40000

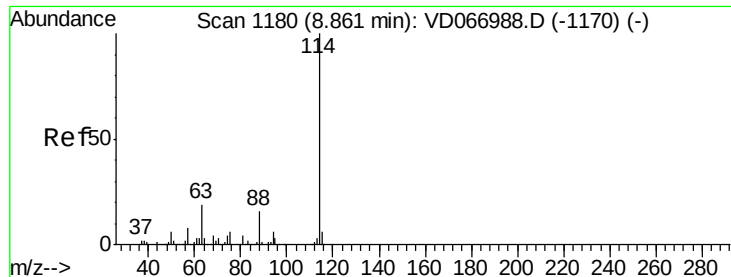
20000

0

8.20 8.30 8.40 8.50

Time-->

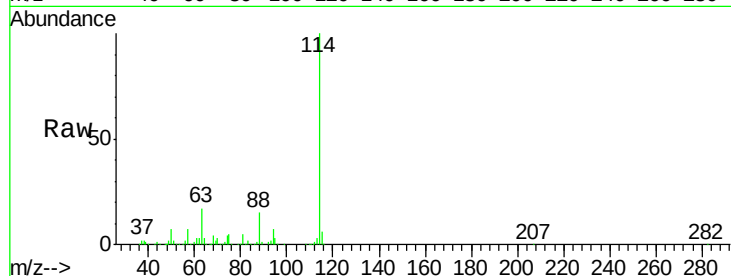




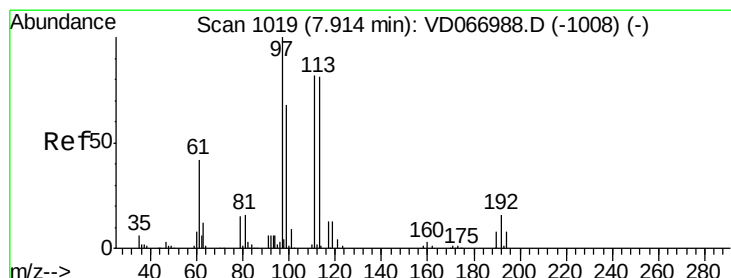
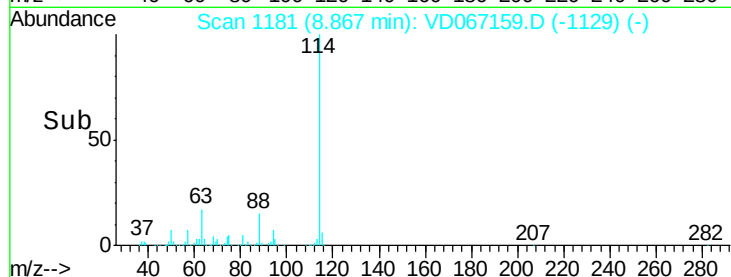
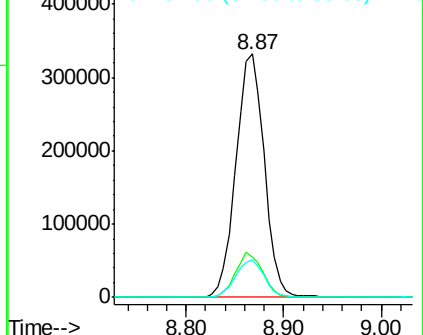
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067159.D
 Acq: 07 Oct 2020 18:19

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6

Tot Ion:114 Resp: 674243
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 38.4
 88 15.2 0.0 31.2

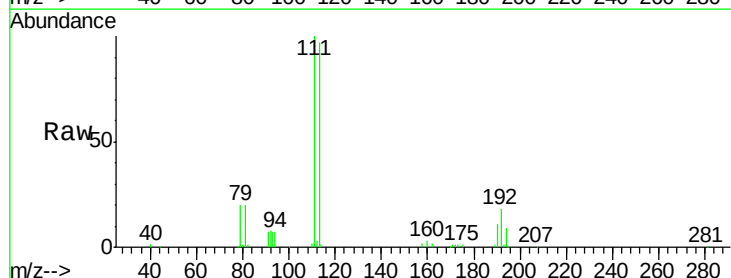


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

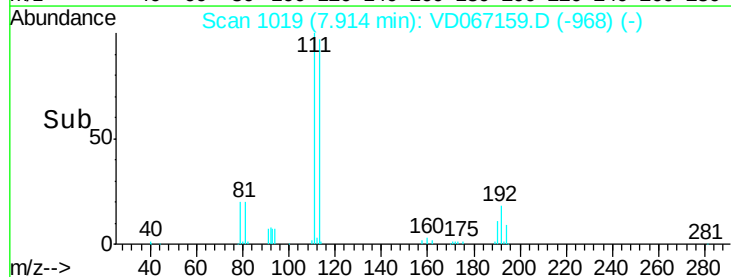
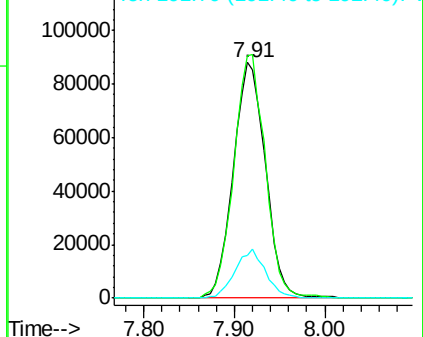


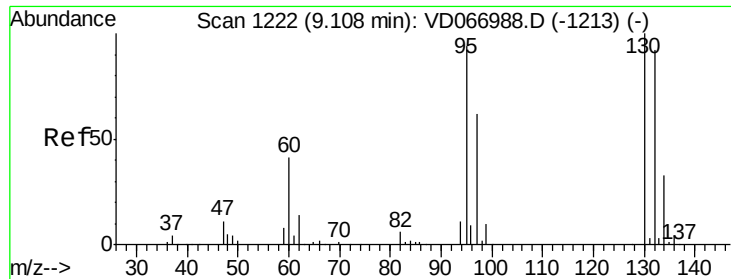
#35
 Dibromofluoromethane
 Concen: 49.227 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067159.D
 Acq: 07 Oct 2020 18:19

Tgt Ion:113 Resp: 217295
 Ion Ratio Lower Upper
 113 100
 111 101.5 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





#44

Trichloroethene

Concen: 2.036 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067159.D

Acq: 07 Oct 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

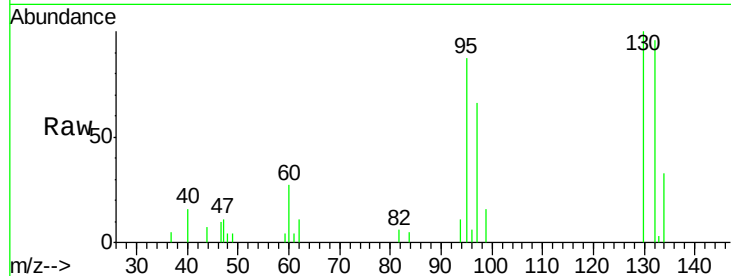
SB-6

Tot Ion:130 Resp: 10615

Ion Ratio Lower Upper

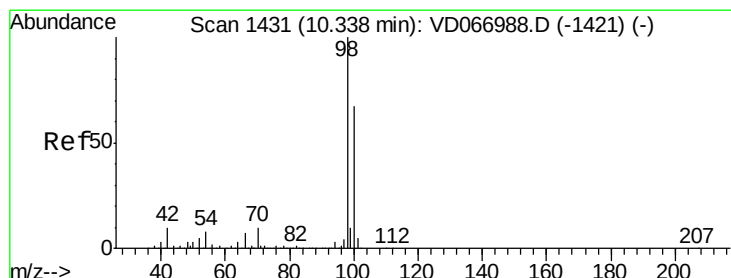
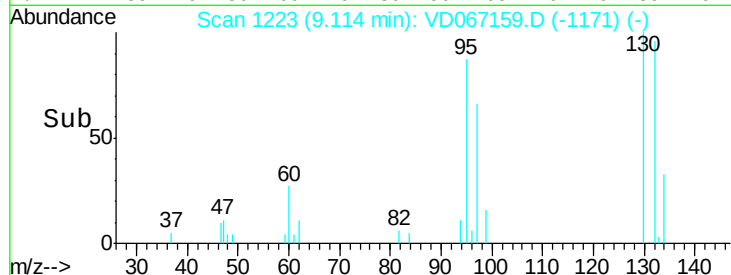
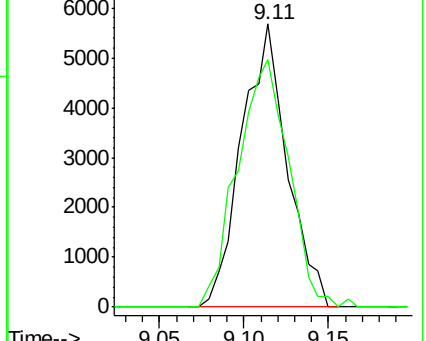
130 100

95 87.4 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 49.167 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067159.D

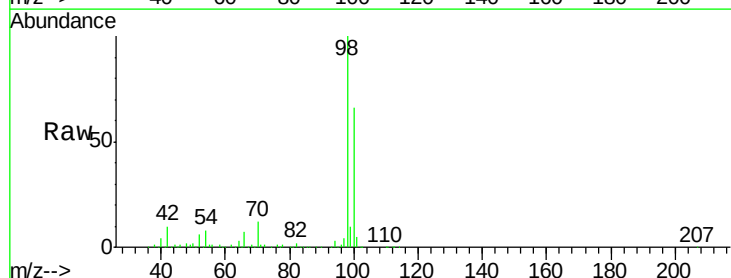
Acq: 07 Oct 2020 18:19

Tgt Ion: 98 Resp: 790837

Ion Ratio Lower Upper

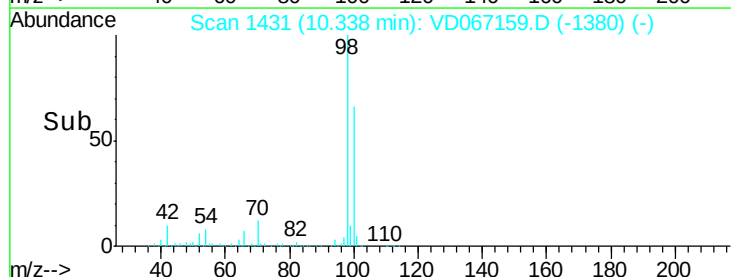
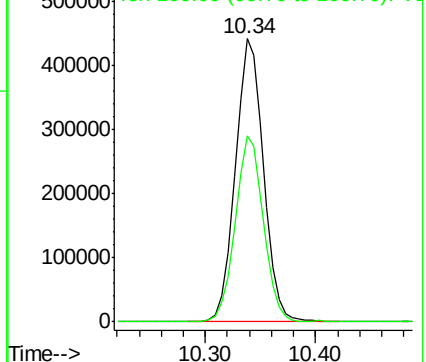
98 100

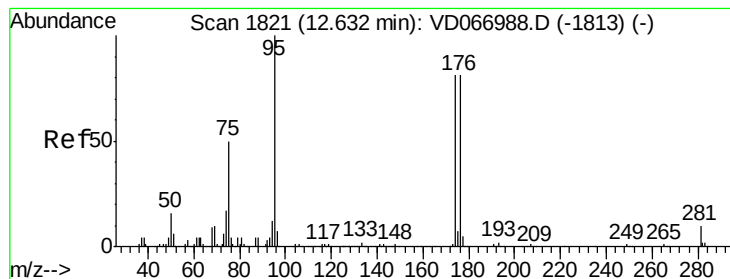
100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 48.751 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067159.D

Acq: 07 Oct 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

SB-6

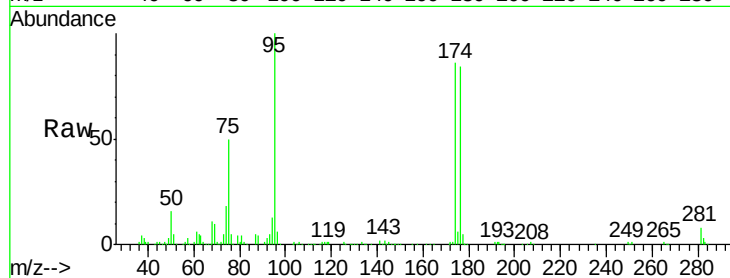
Tot Ion: 95 Resp: 266196

Ion Ratio Lower Upper

95 100

174 85.4 0.0 167.6

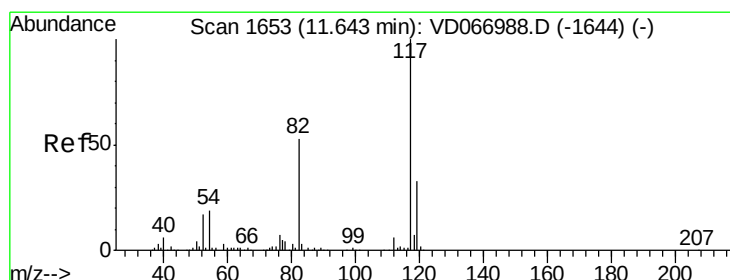
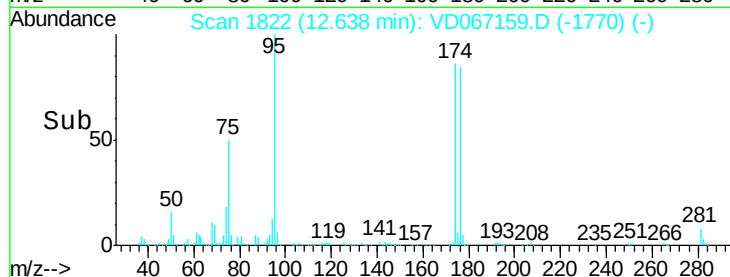
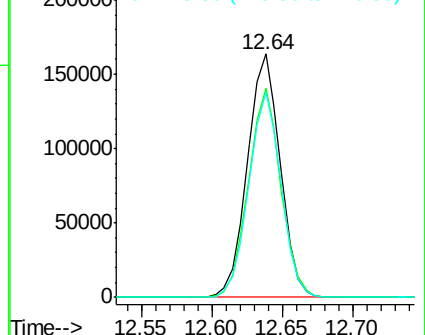
176 83.2 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD067159.D

Acq: 07 Oct 2020 18:19

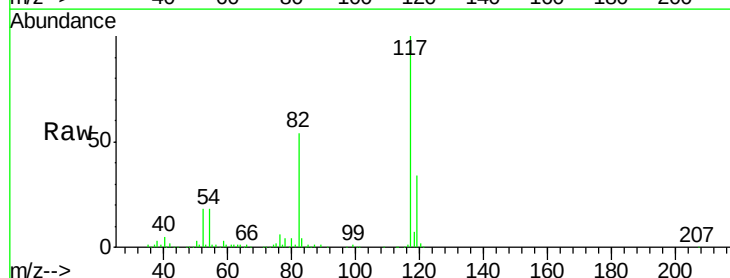
Tgt Ion: 117 Resp: 630986

Ion Ratio Lower Upper

117 100

82 53.6 42.6 63.8

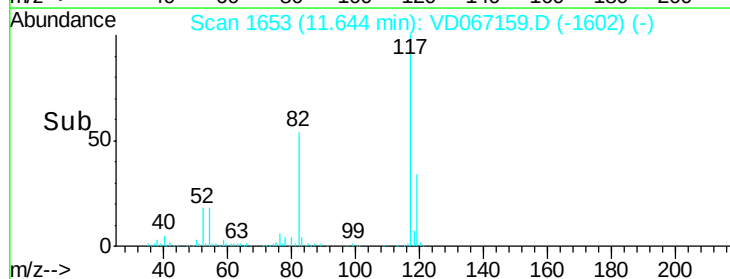
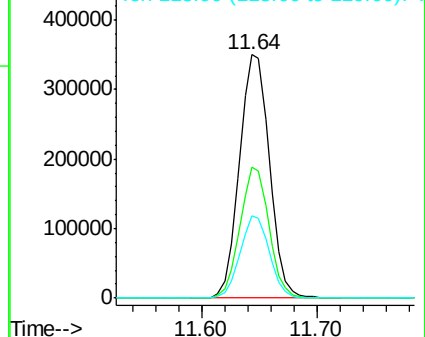
119 33.9 26.3 39.5

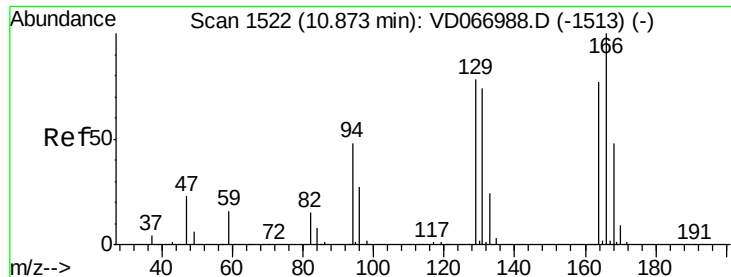


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 12.217 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. 0.01 min

Lab File: VD067159.D

Acq: 07 Oct 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

SB-6

Tot Ion:164 Resp: 56043

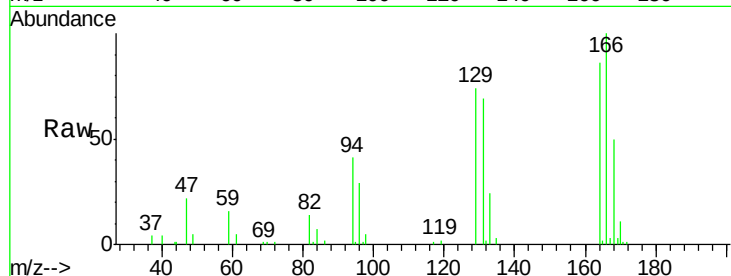
Ion Ratio Lower Upper

164 100

166 117.0 104.4 156.6

129 87.0 81.3 121.9

131 80.8 77.1 115.7

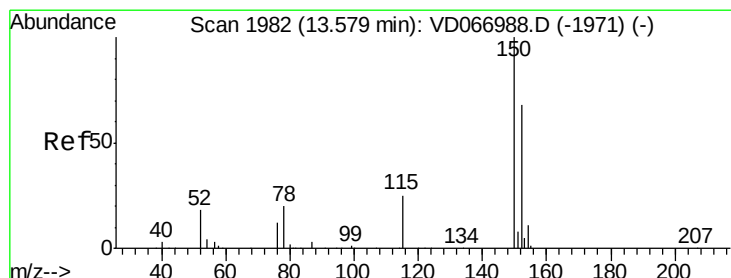
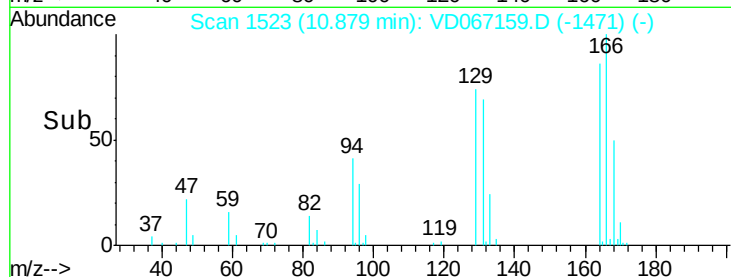
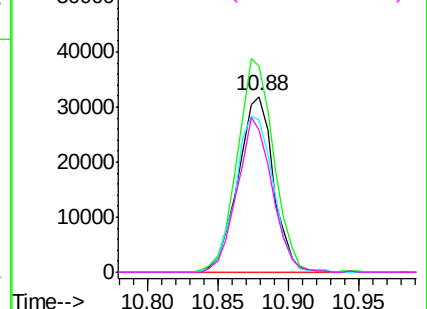


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067159.D

Acq: 07 Oct 2020 18:19

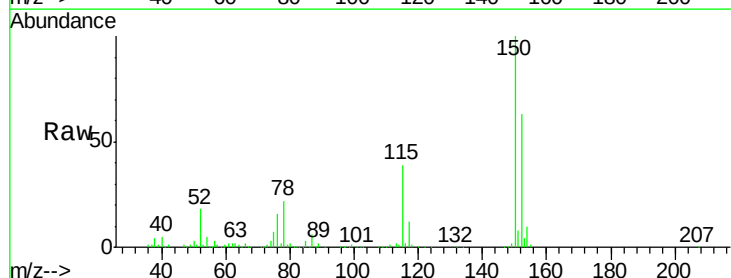
Tgt Ion:152 Resp: 293314

Ion Ratio Lower Upper

152 100

115 58.6 29.6 88.8

150 158.5 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

