

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067137.D
 Acq On : 07 Oct 2020 05:59
 Operator : VA/SY
 Sample : L4273-10
 Misc : 5.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5A

Quant Time: Oct 07 06:22:49 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

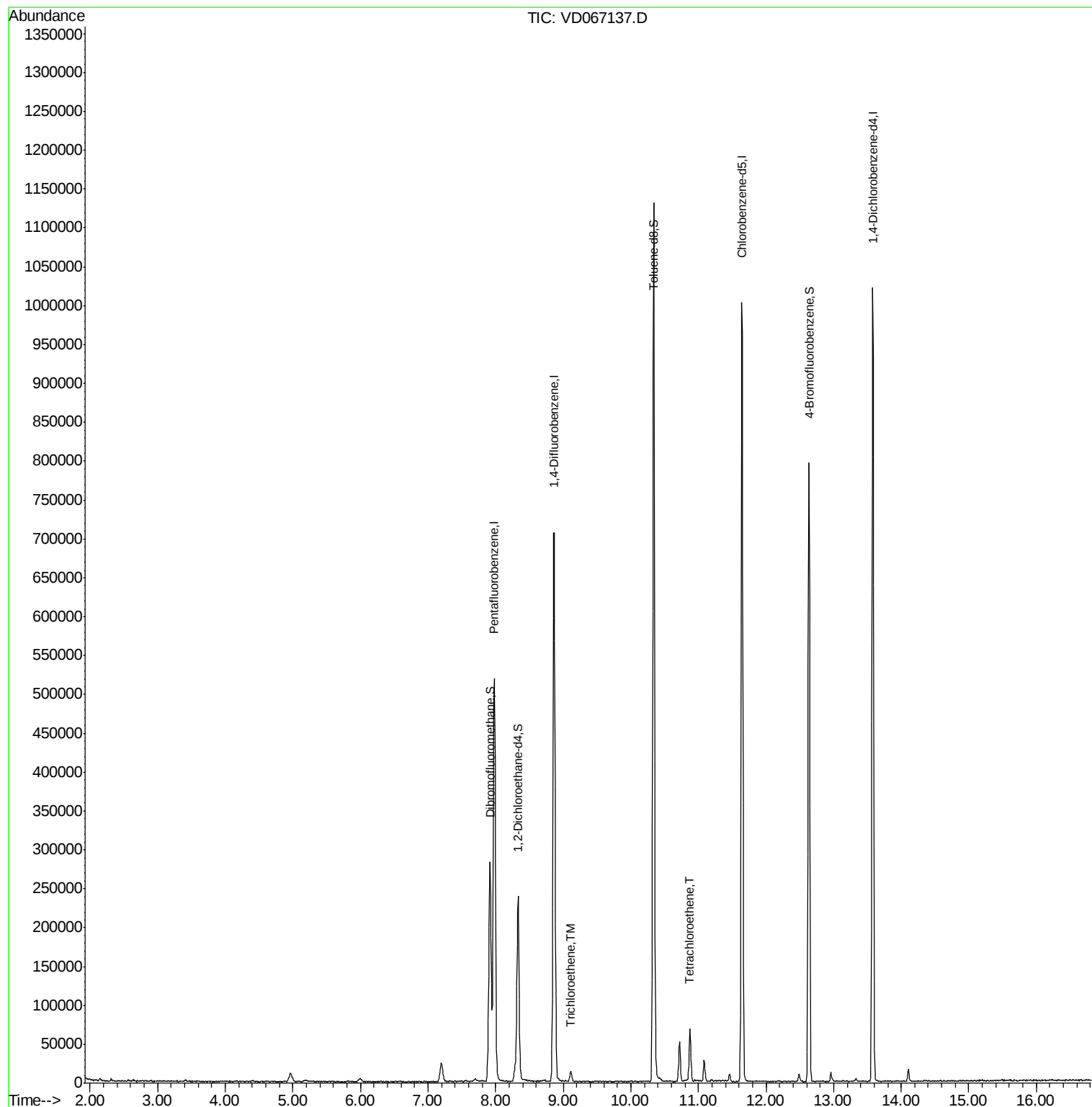
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	405119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	653844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189702	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	7.92	113	208867	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	10.34	98	762089	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.64	95	253214	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
Target Compounds						
44) Trichloroethene	9.11	130	5797	1.147	ug/l	65
64) Tetrachloroethene	10.88	164	16204	3.657	ug/l #	86

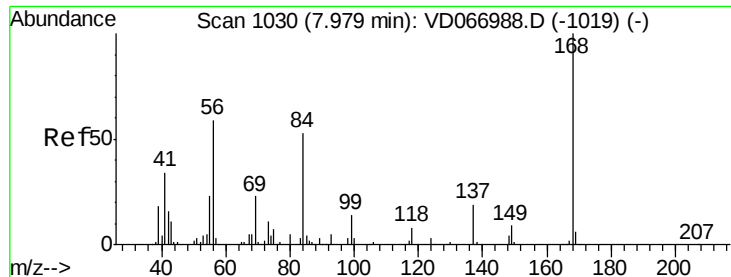
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067137.D

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Instrument :

MSVOA_D

ClientSampleId :

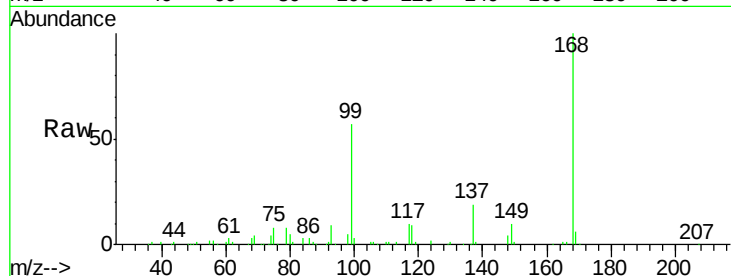
SB-5A

Tot Ion:168 Resp: 405119

Ion Ratio Lower Upper

168 100

99 57.1 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

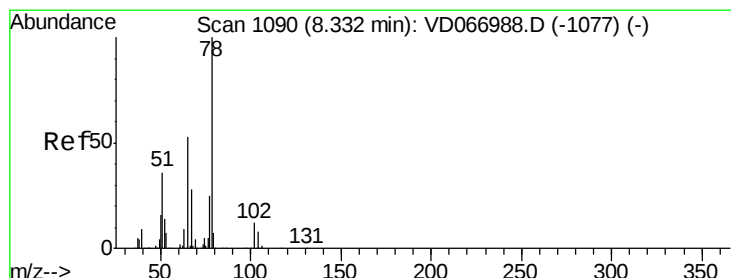
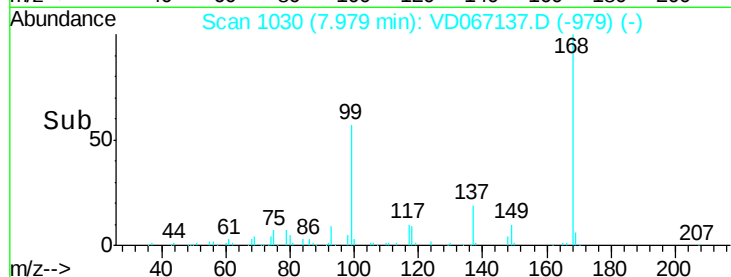
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.616 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067137.D

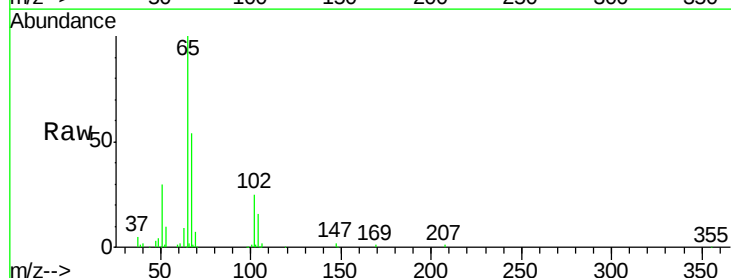
Acq: 07 Oct 2020 05:59

Tgt Ion: 65 Resp: 189702

Ion Ratio Lower Upper

65 100

67 51.6 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

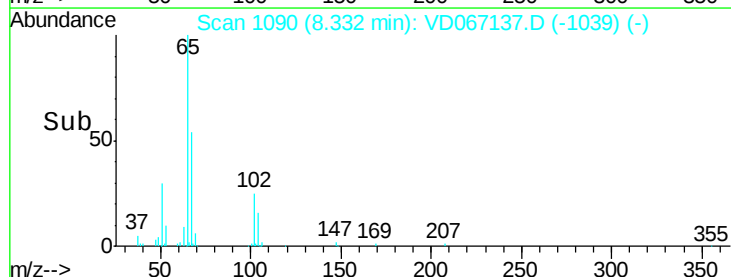
60000

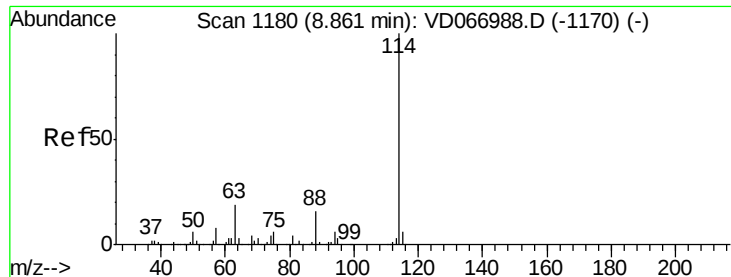
40000

20000

0

Time-->

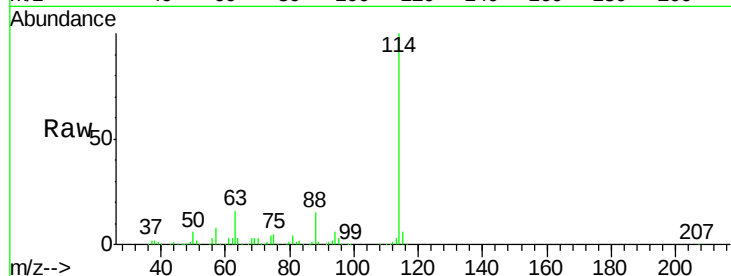




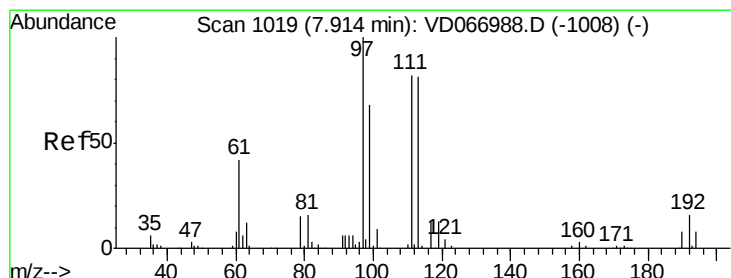
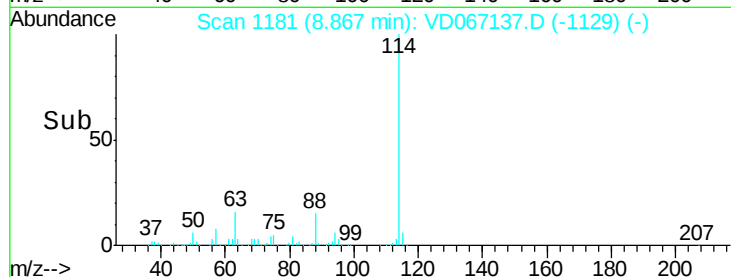
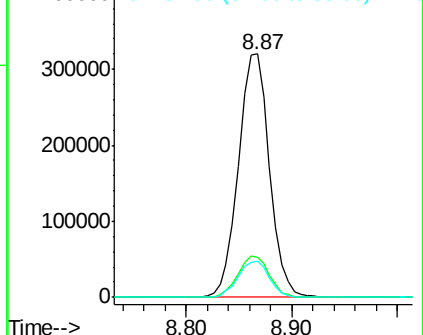
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067137.D
 Acq: 07 Oct 2020 05:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5A

Tot Ion:114 Resp: 653844
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 38.4
 88 14.7 0.0 31.2

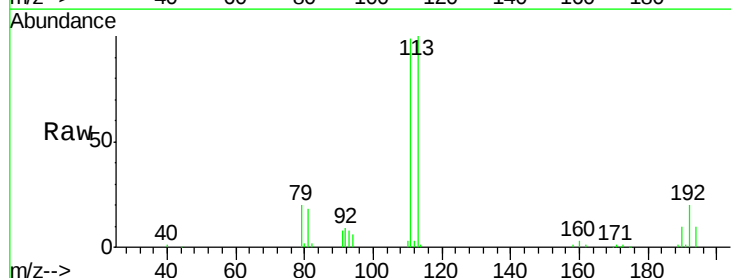


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

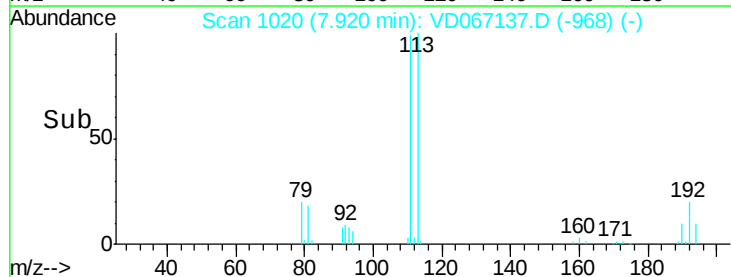
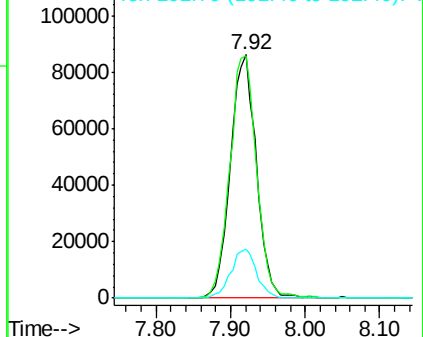


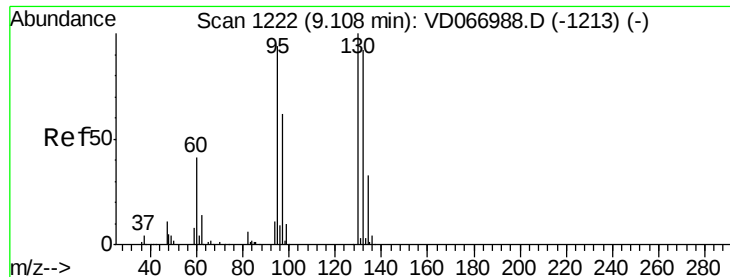
#35
 Dibromofluoromethane
 Concen: 48.794 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067137.D
 Acq: 07 Oct 2020 05:59

Tgt Ion:113 Resp: 208867
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.0 124.4
 192 19.8 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: 1.147 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067137.D

Acq: 07 Oct 2020 05:59

Instrument :

MSVOA_D

ClientSampleId :

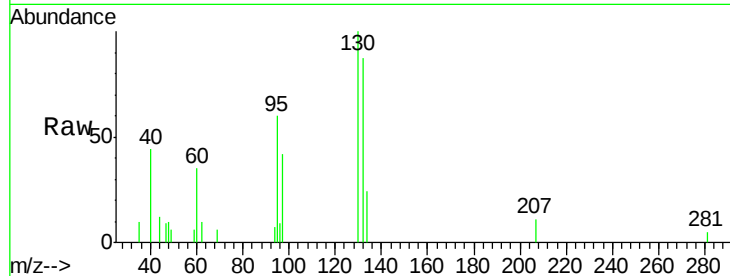
SB-5A

Tot Ion:130 Resp: 5797

Ion Ratio Lower Upper

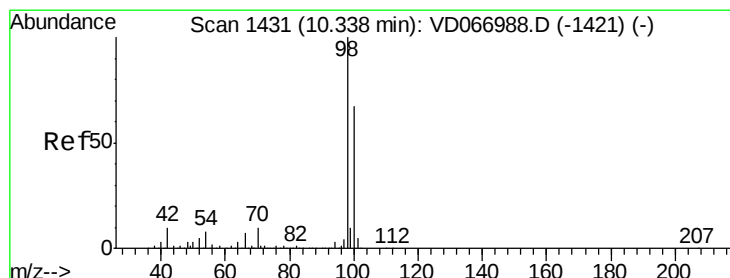
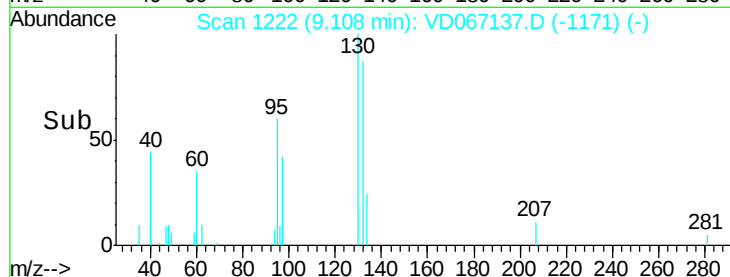
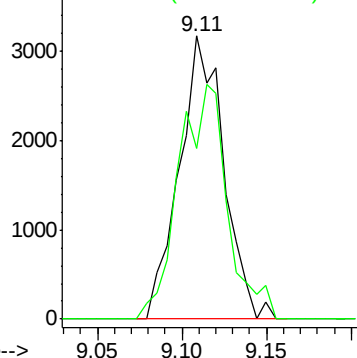
130 100

95 60.2 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: 48.858 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067137.D

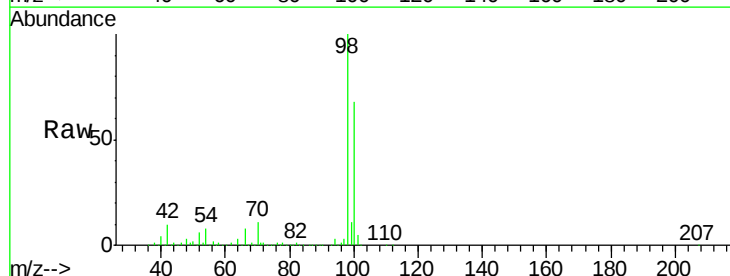
Acq: 07 Oct 2020 05:59

Tgt Ion: 98 Resp: 762089

Ion Ratio Lower Upper

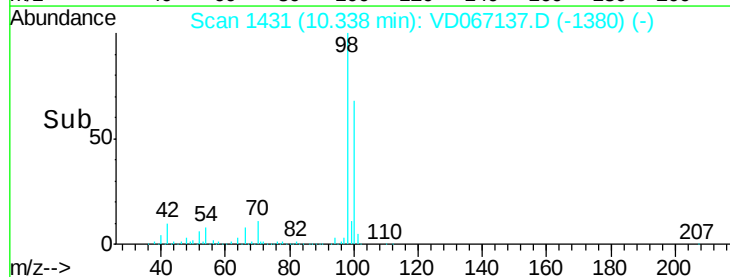
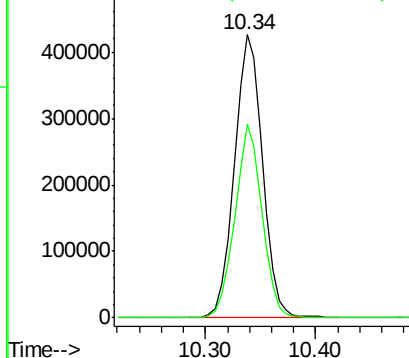
98 100

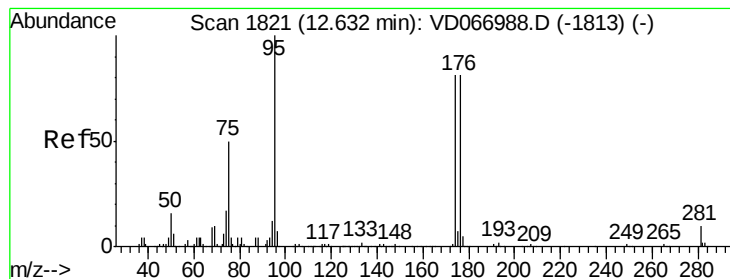
100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 47.820 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067137.D

Acq: 07 Oct 2020 05:59

Instrument :

MSVOA_D

ClientSampleId :

SB-5A

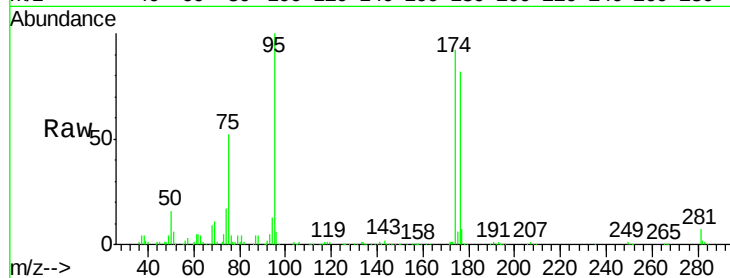
Tot Ion: 95 Resp: 253214

Ion Ratio Lower Upper

95 100

174 88.5 0.0 167.6

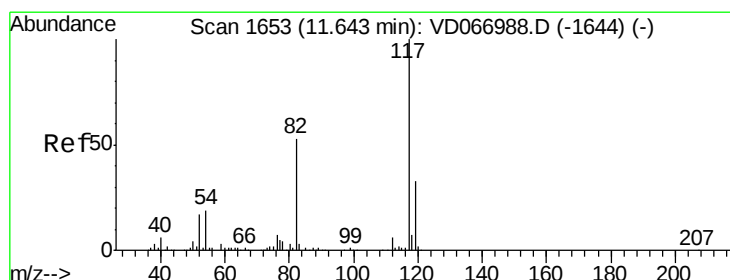
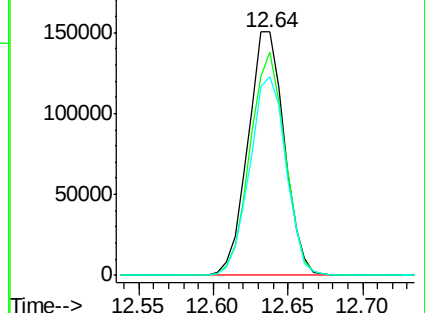
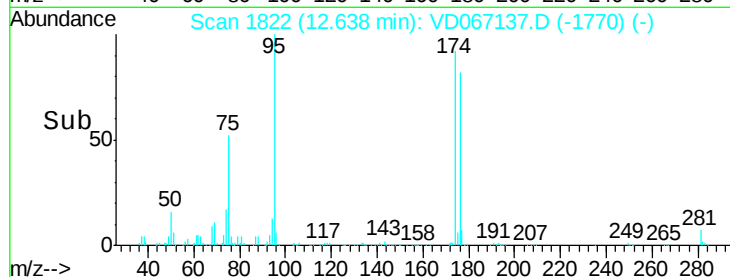
176 81.4 0.0 162.4



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: VD067137.D

Acq: 07 Oct 2020 05:59

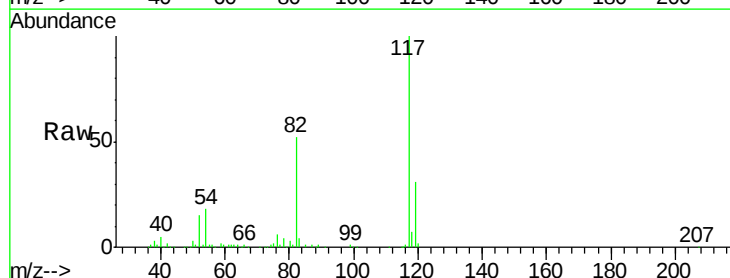
Tgt Ion: 117 Resp: 609488

Ion Ratio Lower Upper

117 100

82 51.7 42.6 63.8

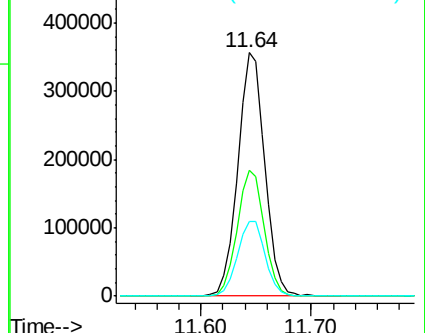
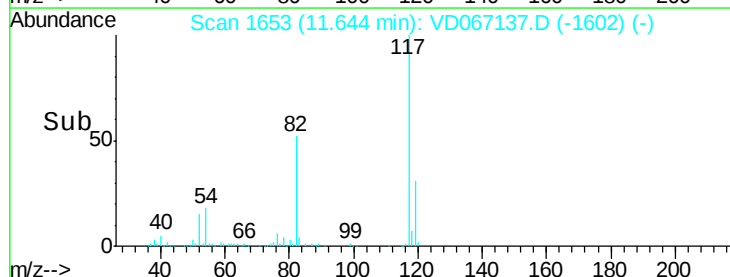
119 30.8 26.3 39.5

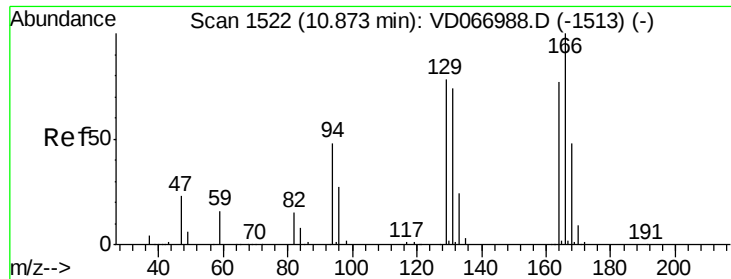


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.657 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. 0.01 min

Lab File: VD067137.D

Acq: 07 Oct 2020 05:59

Instrument :

MSVOA_D

ClientSampleId :

SB-5A

Tot Ion:164 Resp: 16204

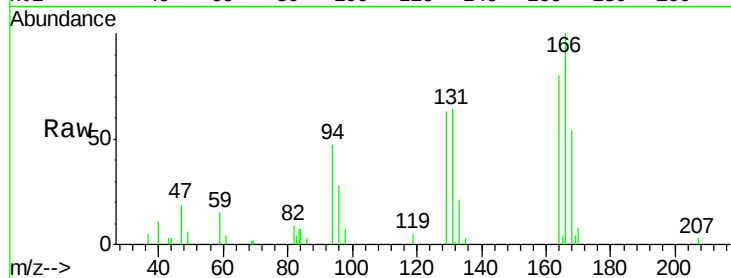
Ion Ratio Lower Upper

164 100

166 124.5 104.4 156.6

129 79.0 81.3 121.9#

131 79.5 77.1 115.7

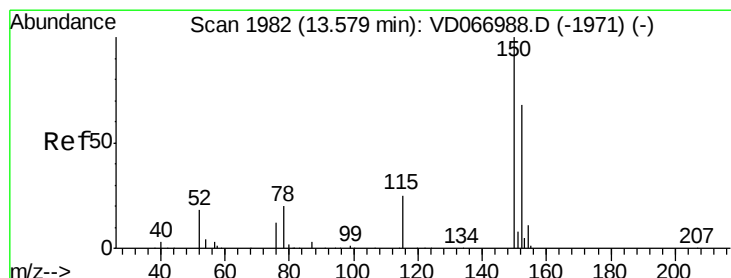
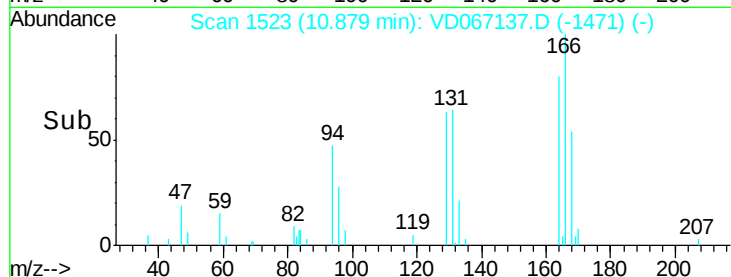
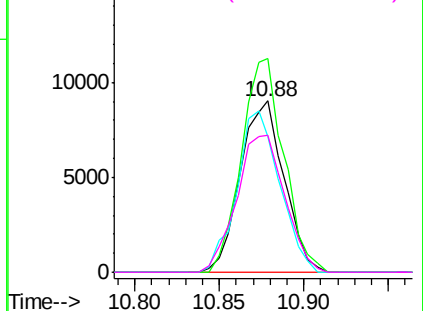


Abundance Ion 163.80 (163.50 to 164.50): V

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: VD067137.D

Acq: 07 Oct 2020 05:59

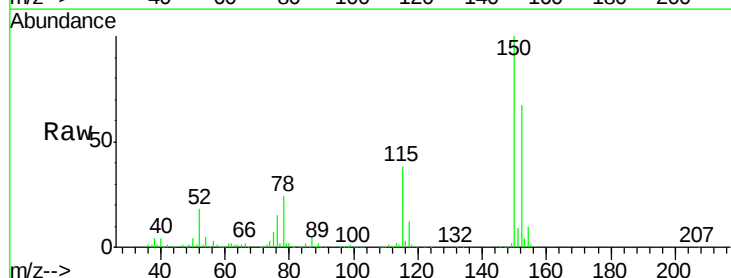
Tgt Ion:152 Resp: 285365

Ion Ratio Lower Upper

152 100

115 58.3 29.6 88.8

150 152.9 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

