

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065568.D
 Acq On : 31 Mar 2020 16:15
 Operator : VA/SY
 Sample : L2067-02
 Misc : 8.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 239-SB-01-4.5-5.5

Quant Time: Apr 01 08:00:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

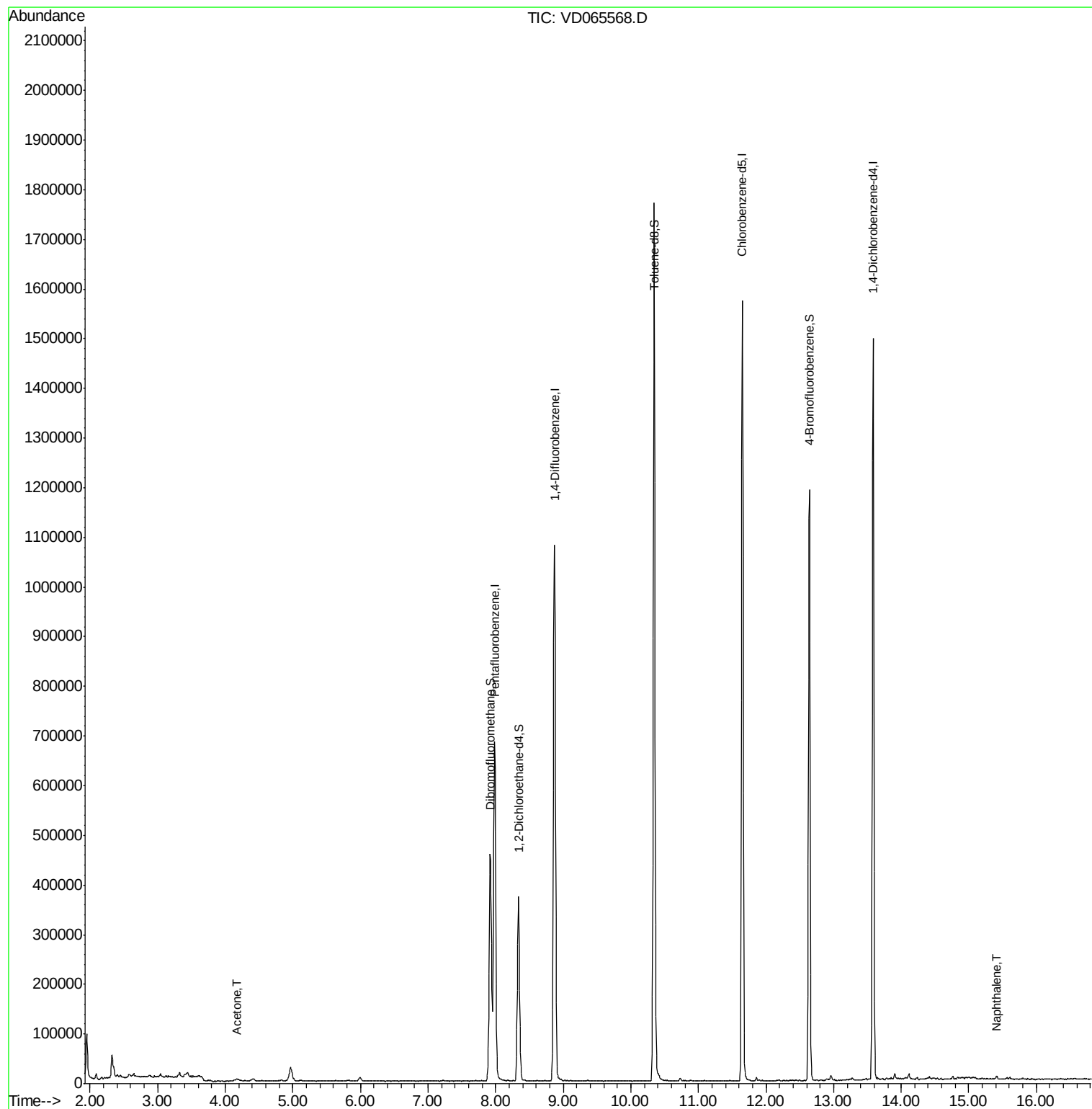
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	540884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	990331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	948746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	418260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	293776	65.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.50%	
35) Dibromofluoromethane	7.92	113	333989	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
50) Toluene-d8	10.34	98	1212961	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.64	95	384206	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
Target Compounds						
16) Acetone	4.17	43	6926	8.153	ug/l #	71
95) Naphthalene	15.41	128	6685	4.795	ug/l #	94

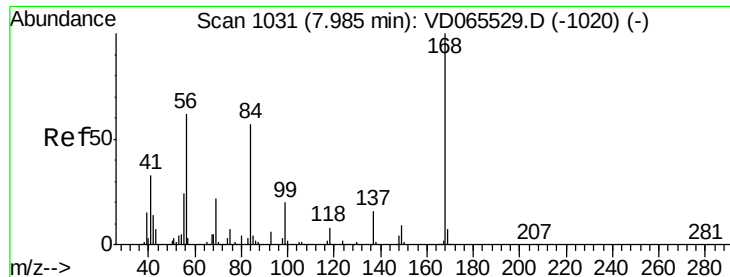
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

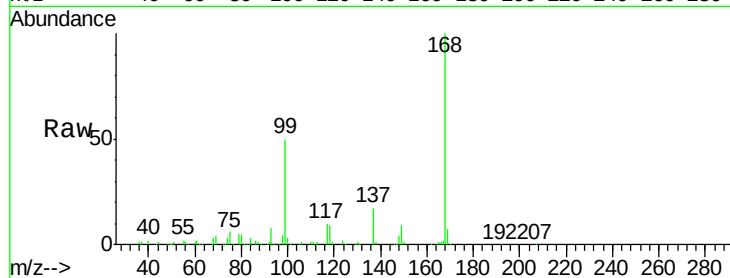
239-SB-01-4.5-5.5

Tot Ion:168 Resp: 540884

Ion Ratio Lower Upper

168 100

99 50.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

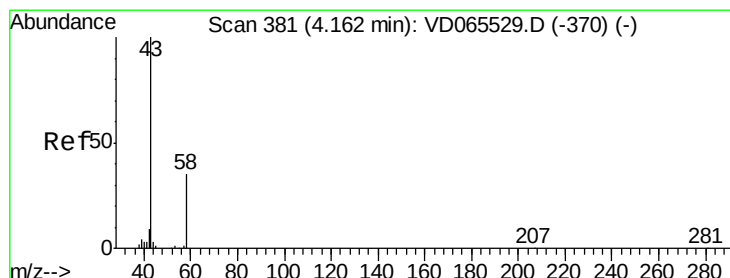
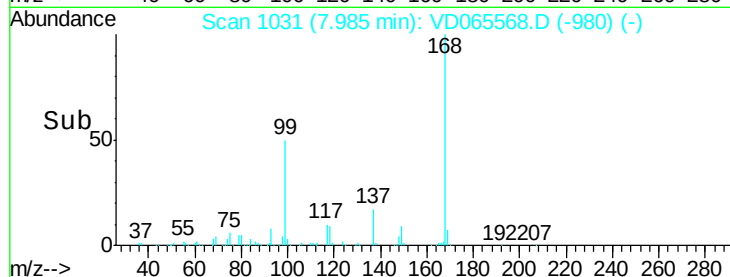
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.153 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065568.D

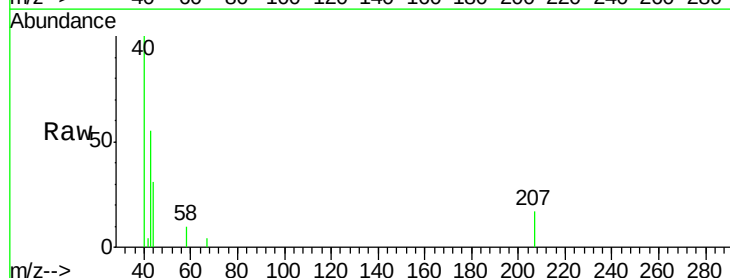
Acq: 31 Mar 2020 16:15

Tgt Ion: 43 Resp: 6926

Ion Ratio Lower Upper

43 100

58 18.3 27.9 41.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2500

2000

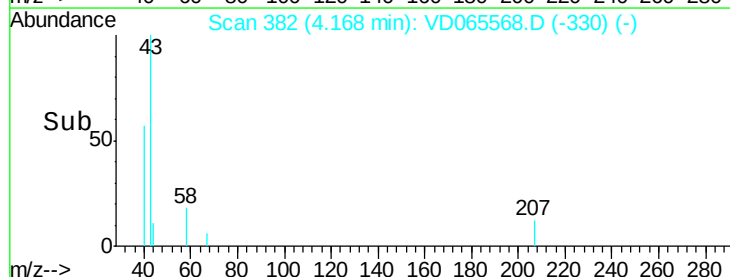
1500

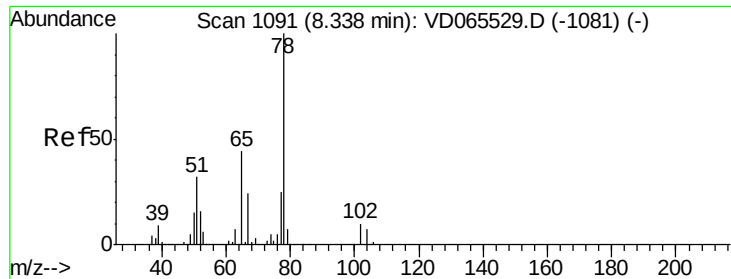
1000

500

0

Time-->

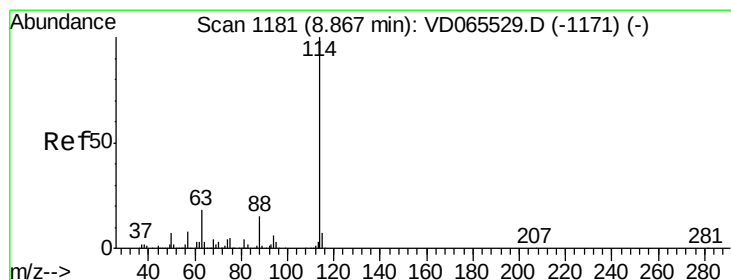
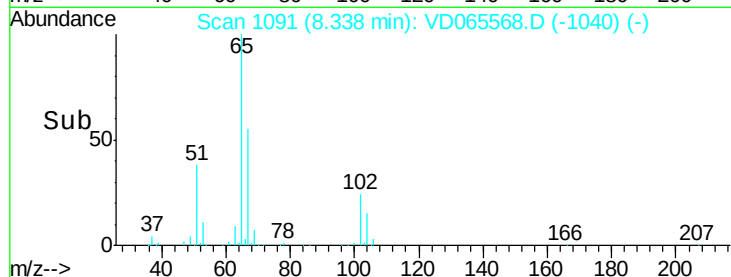
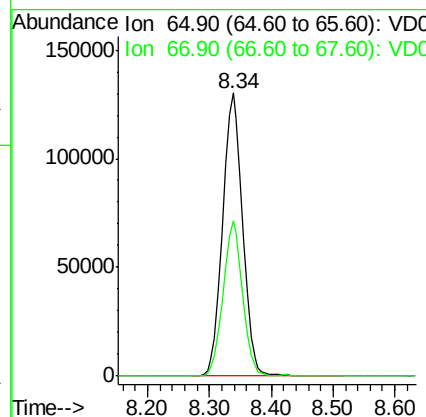
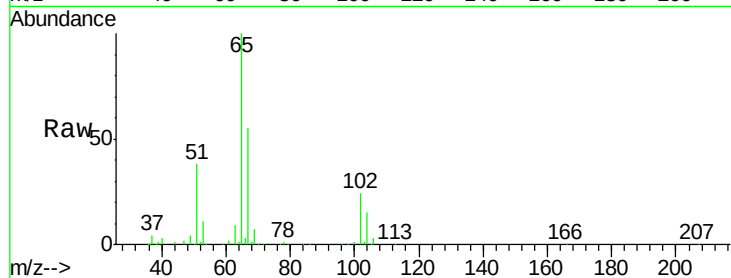




#33
 1,2-Dichloroethane-d4
 Concen: 65.248 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065568.D
 Acq: 31 Mar 2020 16:15

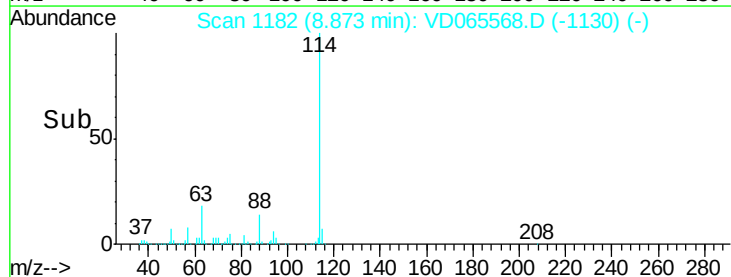
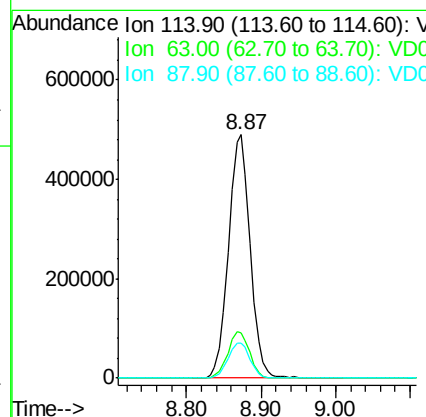
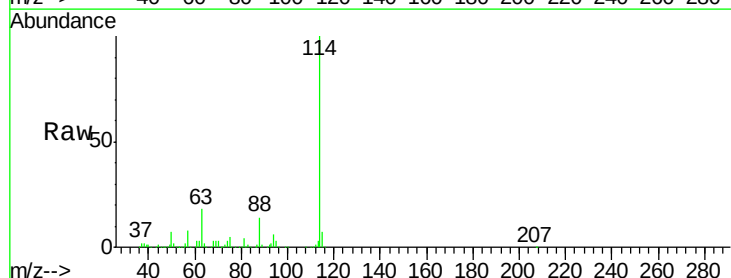
Instrument :
 MSVOA_D
 ClientSampleId :
 239-SB-01-4.5-5.5

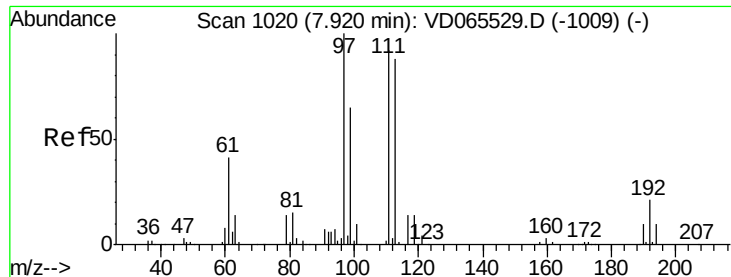
Tot Ion: 65 Resp: 293776
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065568.D
 Acq: 31 Mar 2020 16:15

Tgt Ion: 114 Resp: 990331
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.0
 88 14.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 54.638 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

239-SB-01-4.5-5.5

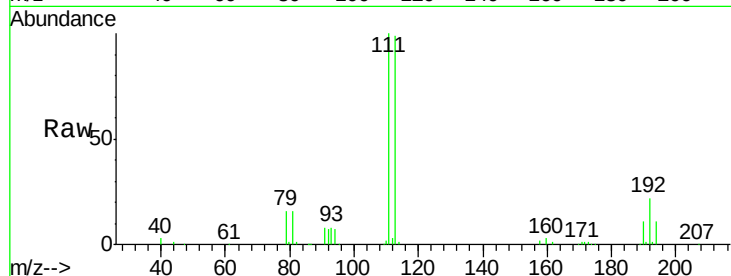
Tot Ion:113 Resp: 333989

Ion Ratio Lower Upper

113 100

111 101.5 83.3 124.9

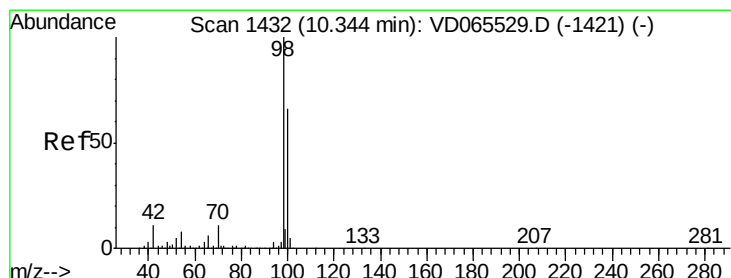
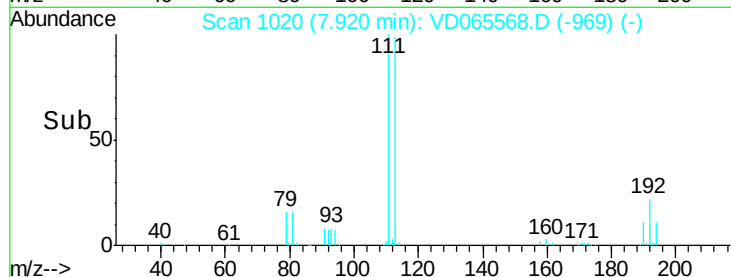
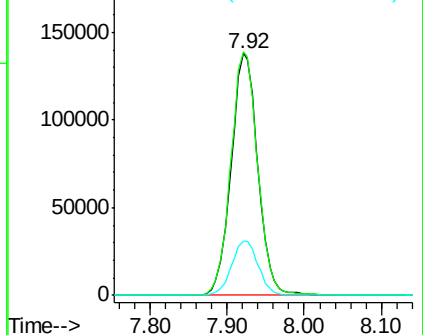
192 22.6 18.5 27.7



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: 52.854 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065568.D

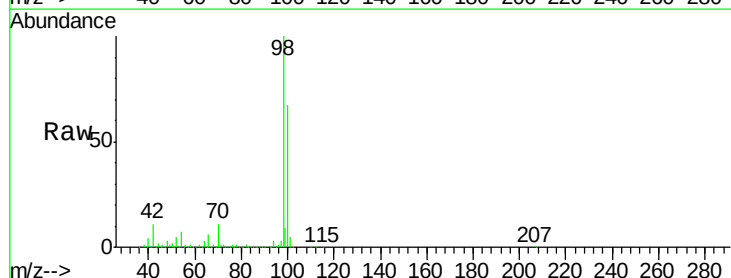
Acq: 31 Mar 2020 16:15

Tgt Ion: 98 Resp: 1212961

Ion Ratio Lower Upper

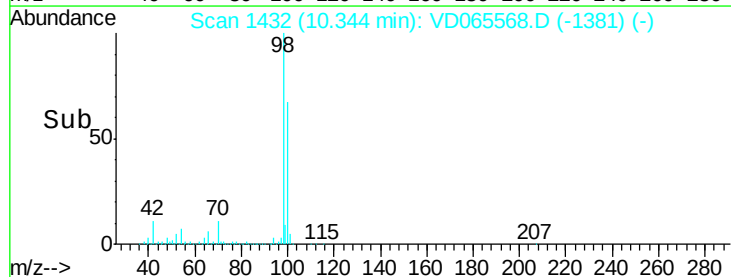
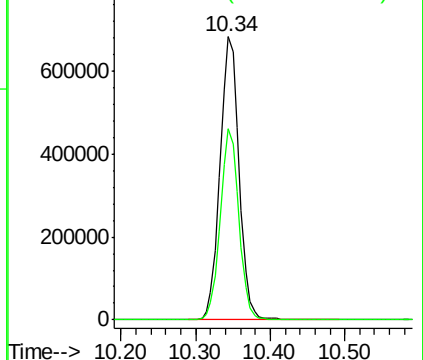
98 100

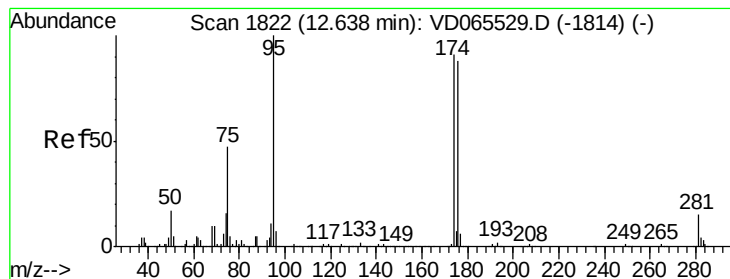
100 66.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.748 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

239-SB-01-4.5-5.5

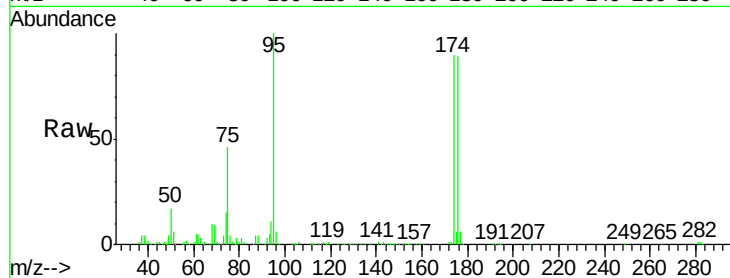
Tot Ion: 95 Resp: 384206

Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.8

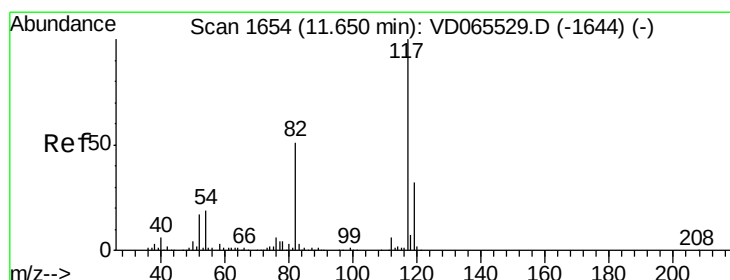
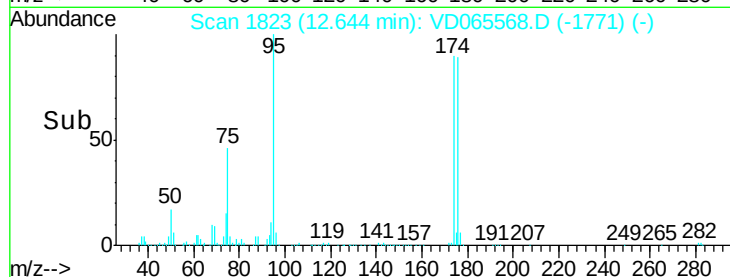
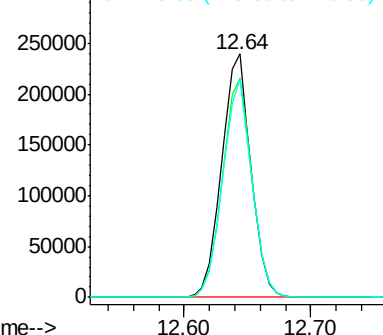
176 89.1 0.0 178.2



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: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

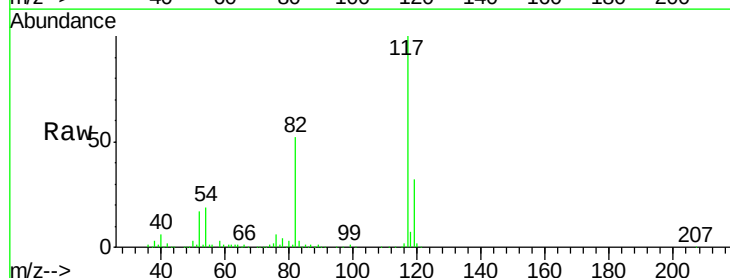
Tgt Ion: 117 Resp: 948746

Ion Ratio Lower Upper

117 100

82 52.5 41.0 61.6

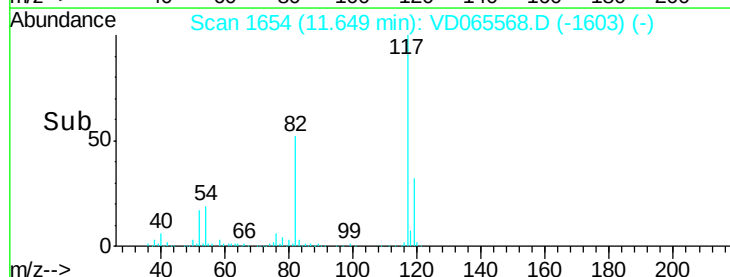
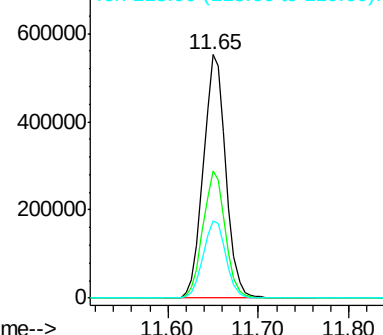
119 31.7 25.5 38.3

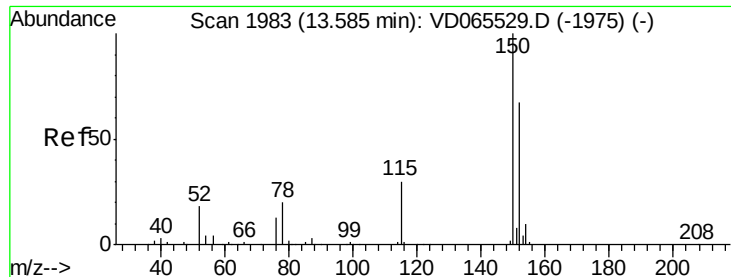


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

239-SB-01-4.5-5.5

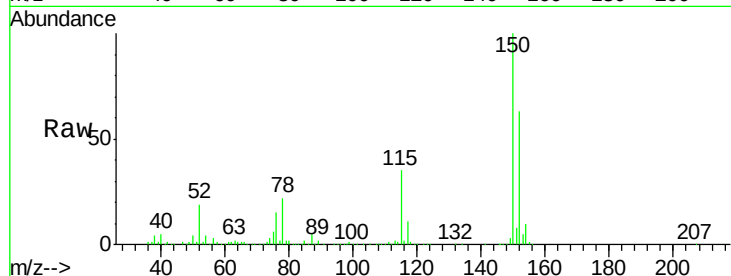
Tot Ion:152 Resp: 418260

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.6

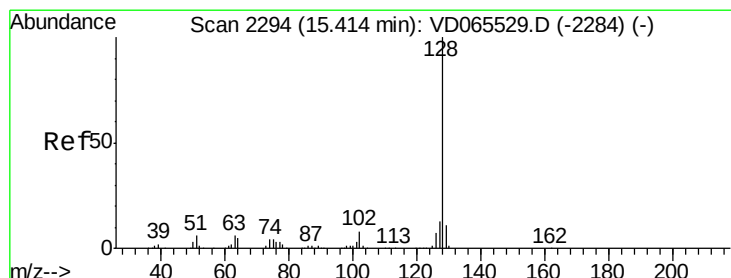
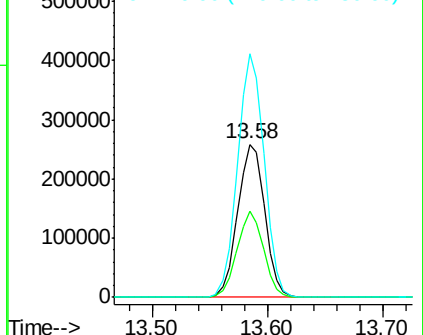
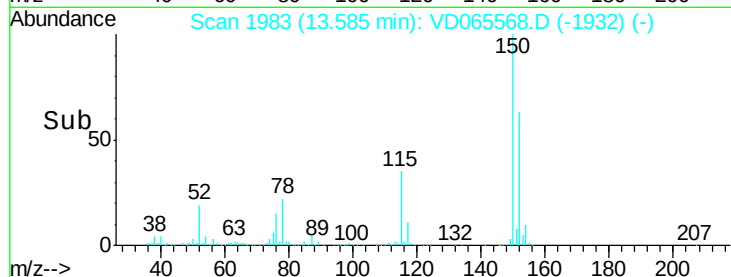
150 156.9 0.0 340.2



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



#95

Naphthalene

Concen: 4.795 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD065568.D

Acq: 31 Mar 2020 16:15

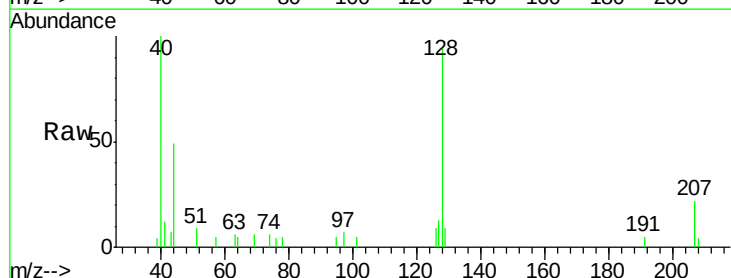
Tgt Ion:128 Resp: 6685

Ion Ratio Lower Upper

128 100

127 16.2 10.4 15.6#

129 9.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

