

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011819\
 Data File : VD060760.D
 Acq On : 18 Jan 2019 14:01
 Operator : VA/AP
 Sample : I.BLANK
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 I.BLANK

Quant Time: Jan 19 03:26:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D011819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 17 12:34:41 2019
 Response via : Initial Calibration

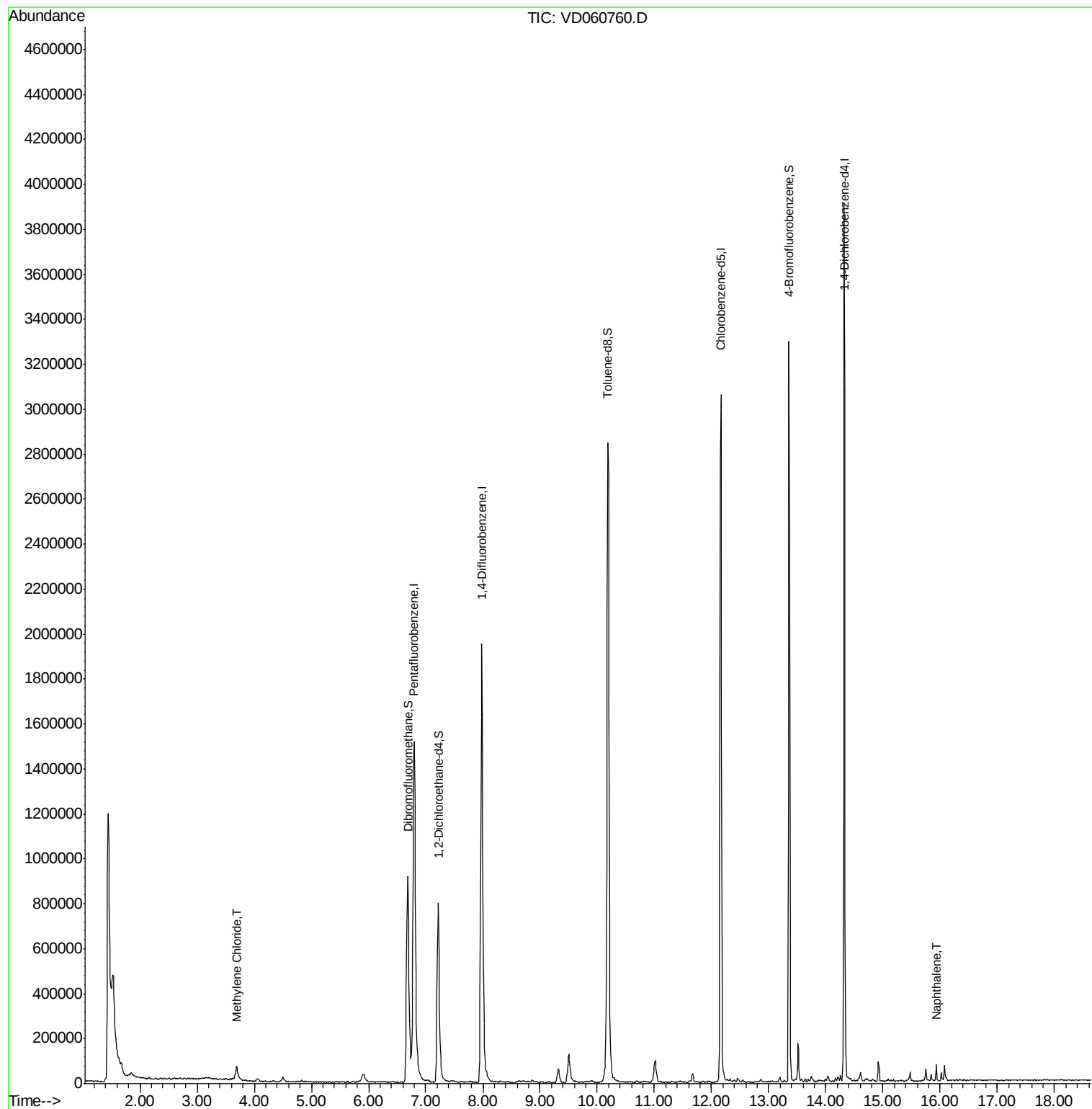
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.80	168	1578167	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.98	114	2137845	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.16	117	1723134	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.32	152	867339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.22	65	897329	82.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	164.56%	
35) Dibromofluoromethane	6.69	113	869800	55.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.18%	
50) Toluene-d8	10.18	98	2466314	52.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	13.35	95	952773	58.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.54%	
Target Compounds						
20) Methylene Chloride	3.69	84	36253	1.833	ug/l #	85
95) Naphthalene	15.93	128	42071	1.853	ug/l #	94

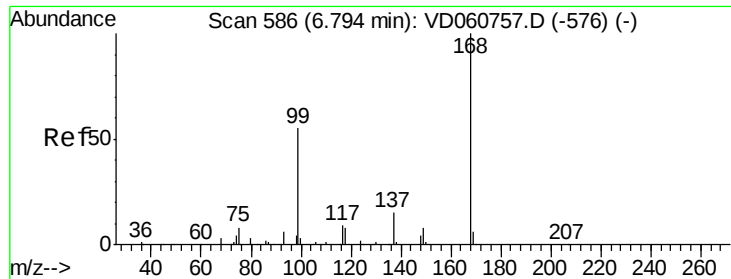
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.80 min Scan# 586

Delta R.T. 0.02 min

Lab File: VD060760.D

Acq: 18 Jan 2019 14:01

Instrument :

MSVOA_D

ClientSampleId :

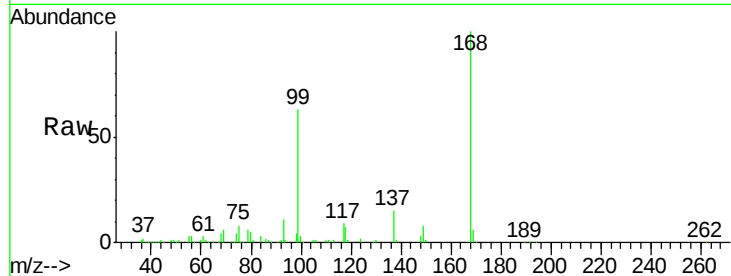
I.BLANK

Tot Ion:168 Resp: 1578167

Ion Ratio Lower Upper

168 100

99 62.8 38.7 58.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.80

500000

400000

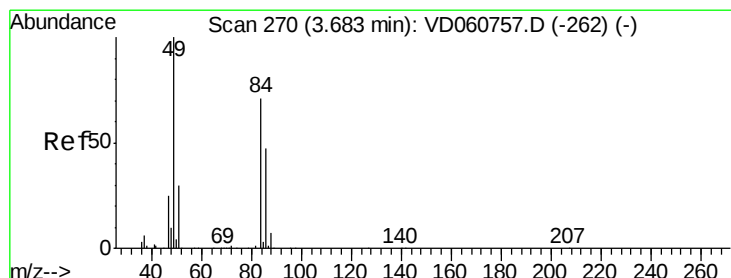
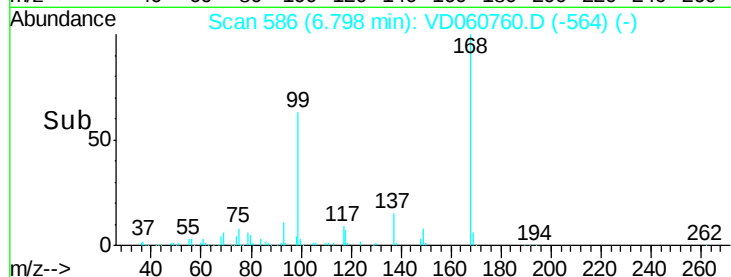
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.833 ug/l

RT: 3.69 min Scan# 270

Delta R.T. 0.01 min

Lab File: VD060760.D

Acq: 18 Jan 2019 14:01

Tgt Ion: 84 Resp: 36253

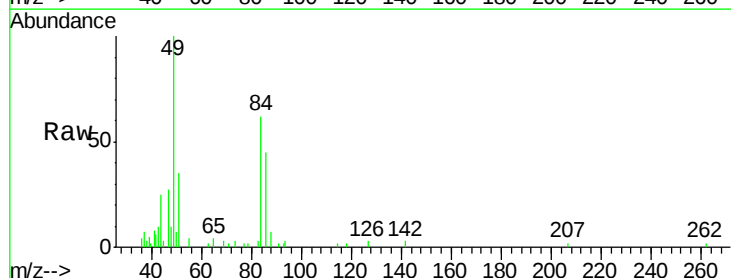
Ion Ratio Lower Upper

84 100

49 162.2 113.6 170.4

51 56.3 34.7 52.1#

86 72.5 52.8 79.2



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.69

30000

25000

20000

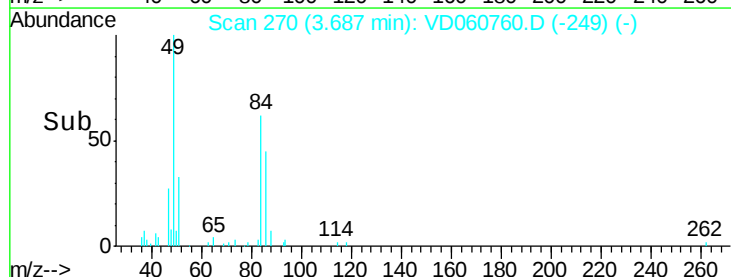
15000

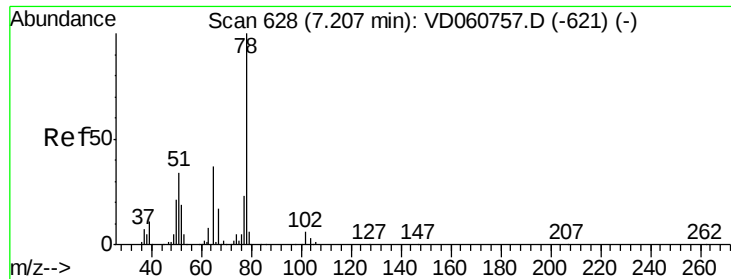
10000

5000

0

Time-->

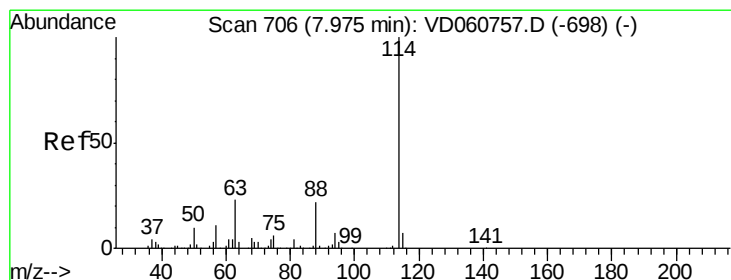
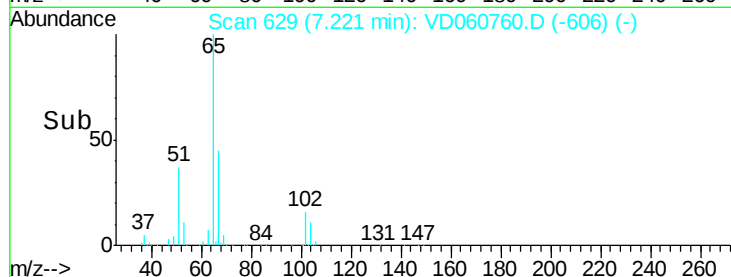
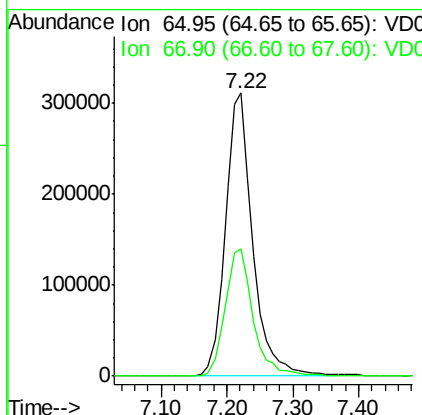
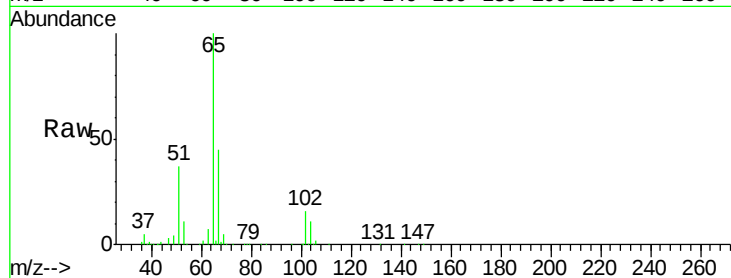




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 7.22 min Scan# 629
 Delta R.T. 0.02 min
 Lab File: VD060760.D
 Acq: 18 Jan 2019 14:01

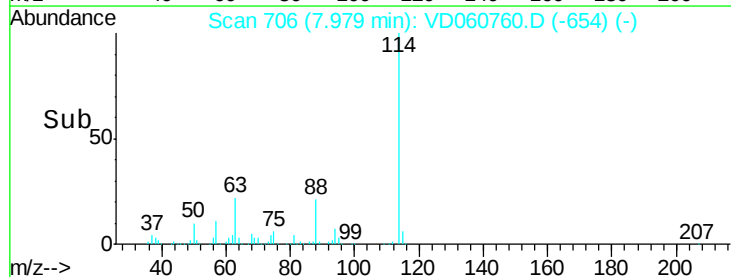
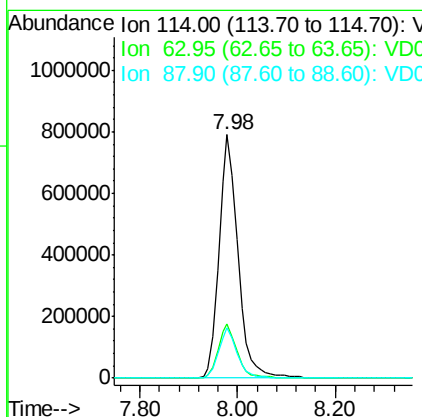
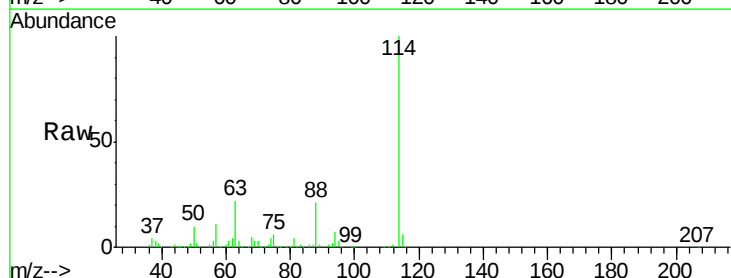
Instrument :
 MSVOA_D
 ClientSampleId :
 I.BLANK

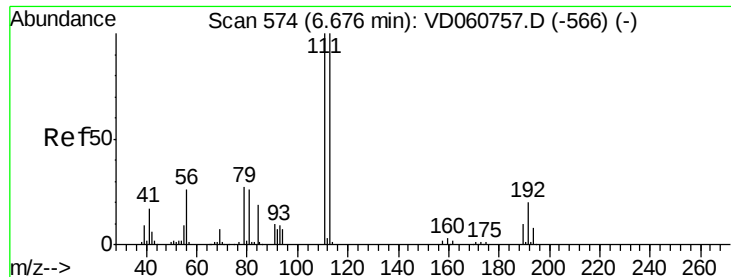
Tot Ion: 65 Resp: 897329
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.98 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: VD060760.D
 Acq: 18 Jan 2019 14:01

Tgt Ion: 114 Resp: 2137845
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 36.2
 88 20.6 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.69 min Scan# 575

Delta R.T. 0.02 min

Lab File: VD060760.D

Acq: 18 Jan 2019 14:01

Instrument :

MSVOA_D

ClientSampleId :

I.BLANK

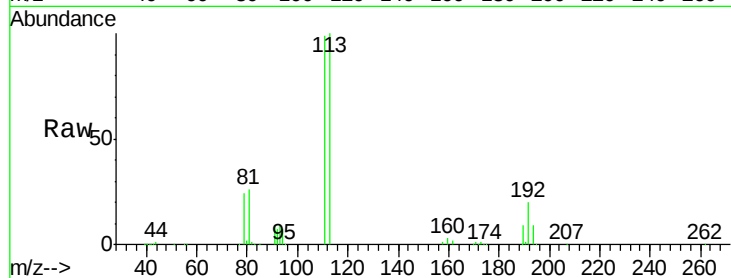
Tot Ion:113 Resp: 869800

Ion Ratio Lower Upper

113 100

111 99.3 80.0 120.0

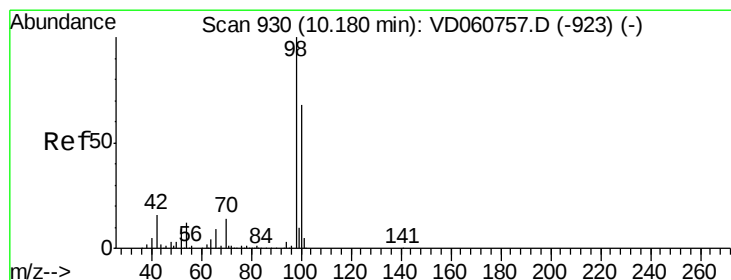
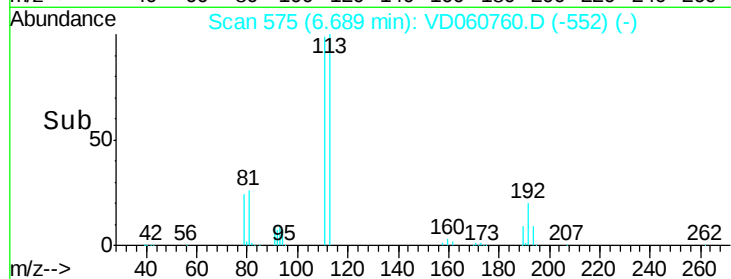
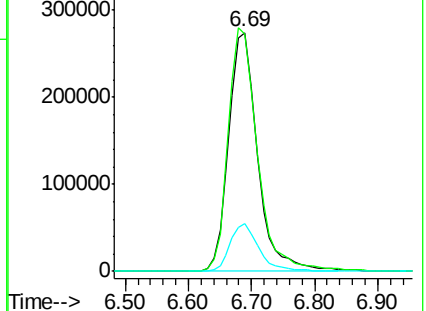
192 19.9 16.6 25.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.18 min Scan# 930

Delta R.T. 0.01 min

Lab File: VD060760.D

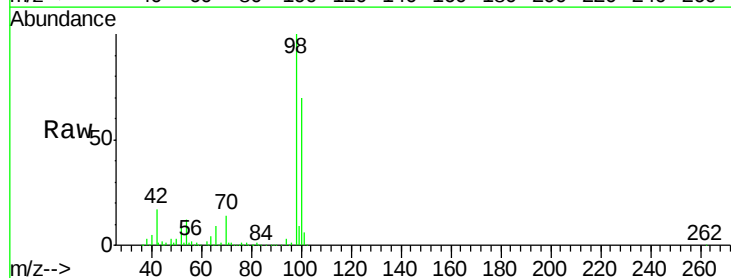
Acq: 18 Jan 2019 14:01

Tgt Ion: 98 Resp: 2466314

Ion Ratio Lower Upper

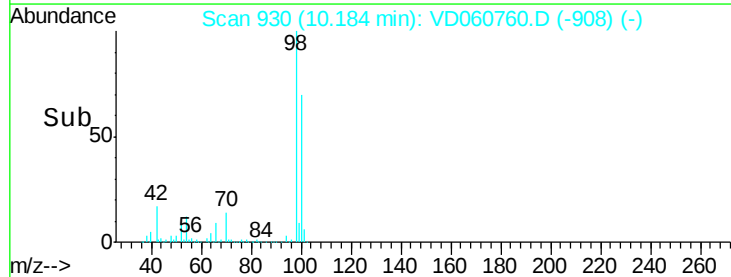
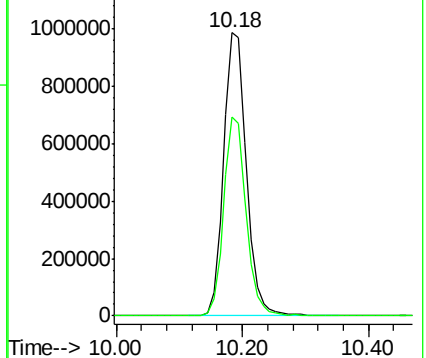
98 100

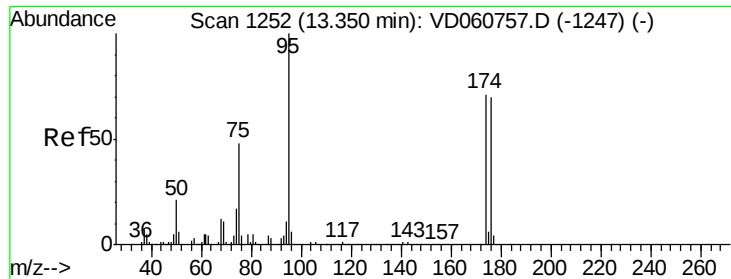
100 70.4 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

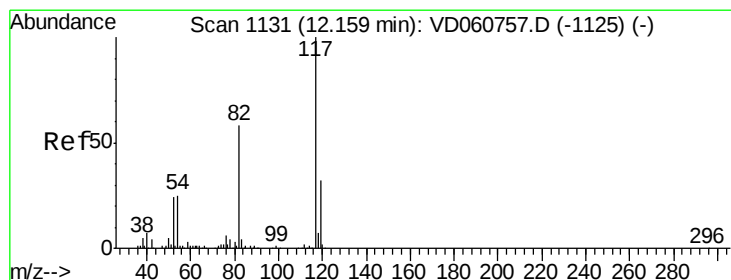
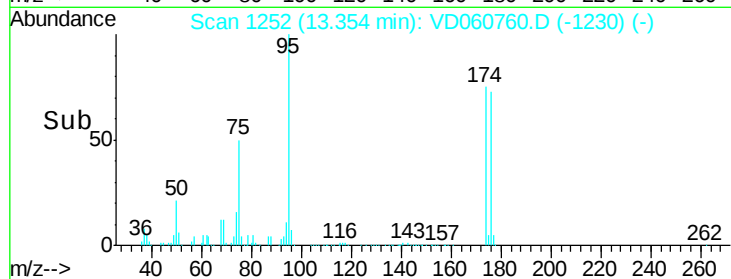
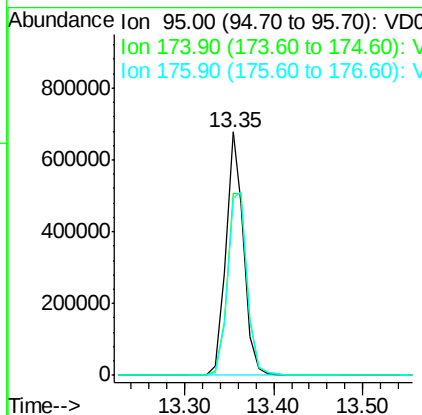
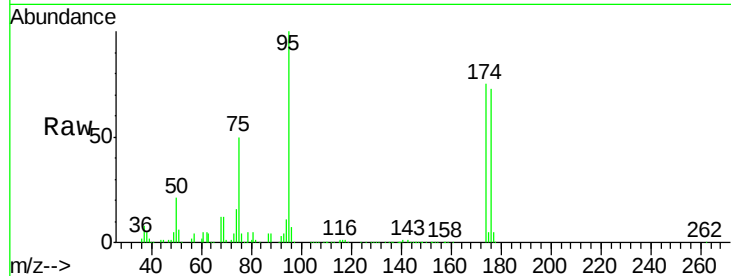




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.35 min Scan# 1252
Delta R.T. 0.02 min
Lab File: VD060760.D
Acq: 18 Jan 2019 14:01

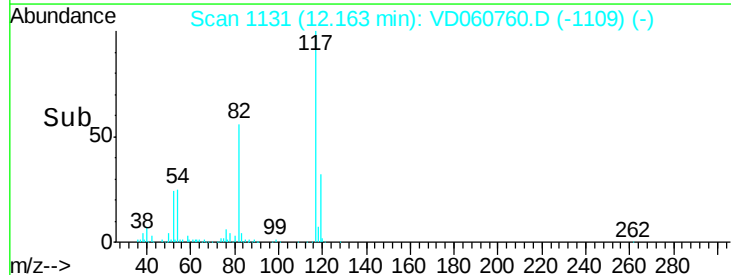
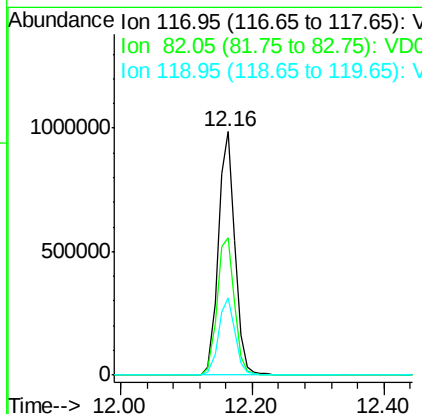
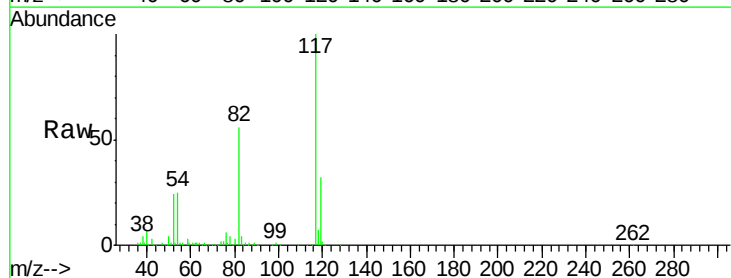
Instrument :
MSVOA_D
ClientSampleId :
I.BLANK

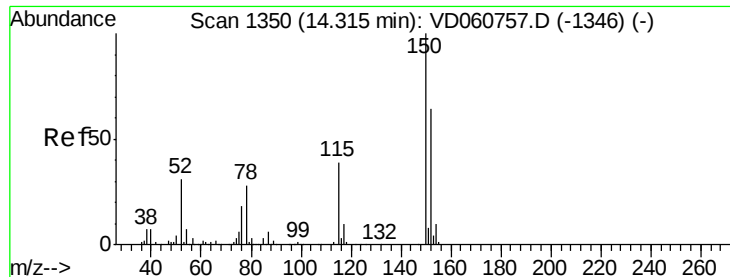
Tot Ion: 95 Resp: 952773
Ion Ratio Lower Upper
95 100
174 75.0 0.0 158.2
176 72.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.16 min Scan# 1131
Delta R.T. 0.02 min
Lab File: VD060760.D
Acq: 18 Jan 2019 14:01

Tgt Ion: 117 Resp: 1723134
Ion Ratio Lower Upper
117 100
82 56.3 44.5 66.7
119 31.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.32 min Scan# 1350

Delta R.T. 0.01 min

Lab File: VD060760.D

Acq: 18 Jan 2019 14:01

Instrument :

MSVOA_D

ClientSampleId :

I.BLANK

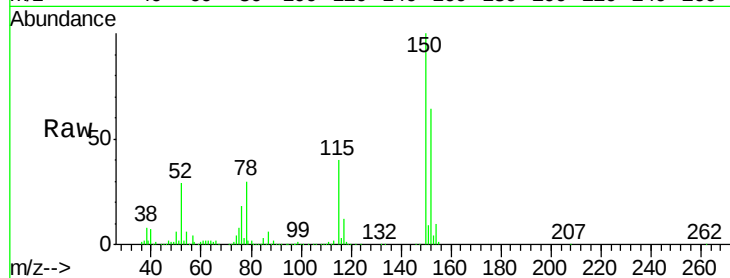
Tot Ion:152 Resp: 867339

Ion Ratio Lower Upper

152 100

115 62.1 24.1 72.3

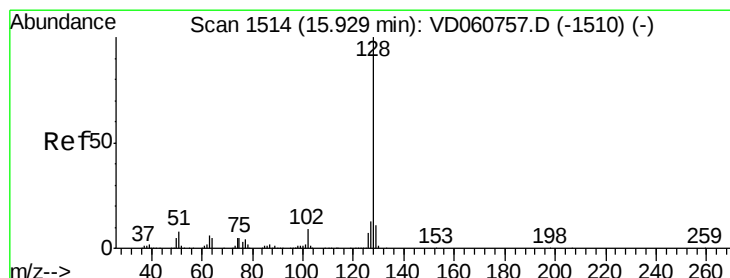
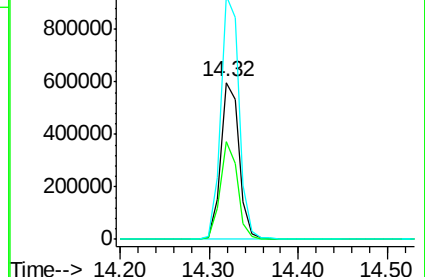
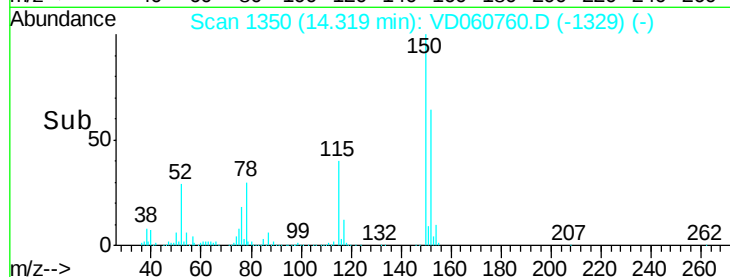
150 155.5 0.0 315.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 1.853 ug/l

RT: 15.93 min Scan# 1514

Delta R.T. 0.02 min

Lab File: VD060760.D

Acq: 18 Jan 2019 14:01

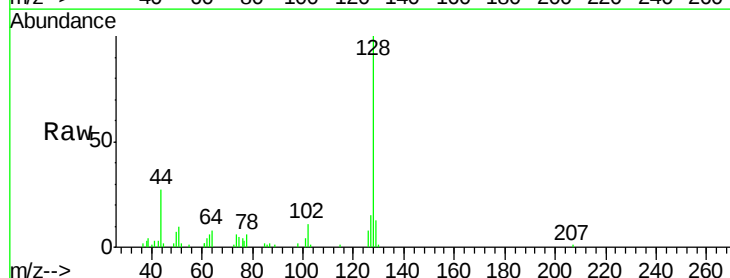
Tgt Ion:128 Resp: 42071

Ion Ratio Lower Upper

128 100

127 15.2 10.1 15.1#

129 12.5 8.6 13.0



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

