

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060603.D
 Acq On : 17 Dec 2018 16:59
 Operator : VA/AP
 Sample : J6424-03
 Misc : 4.81g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB09_1.5-2.5

Quant Time: Dec 18 13:23:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

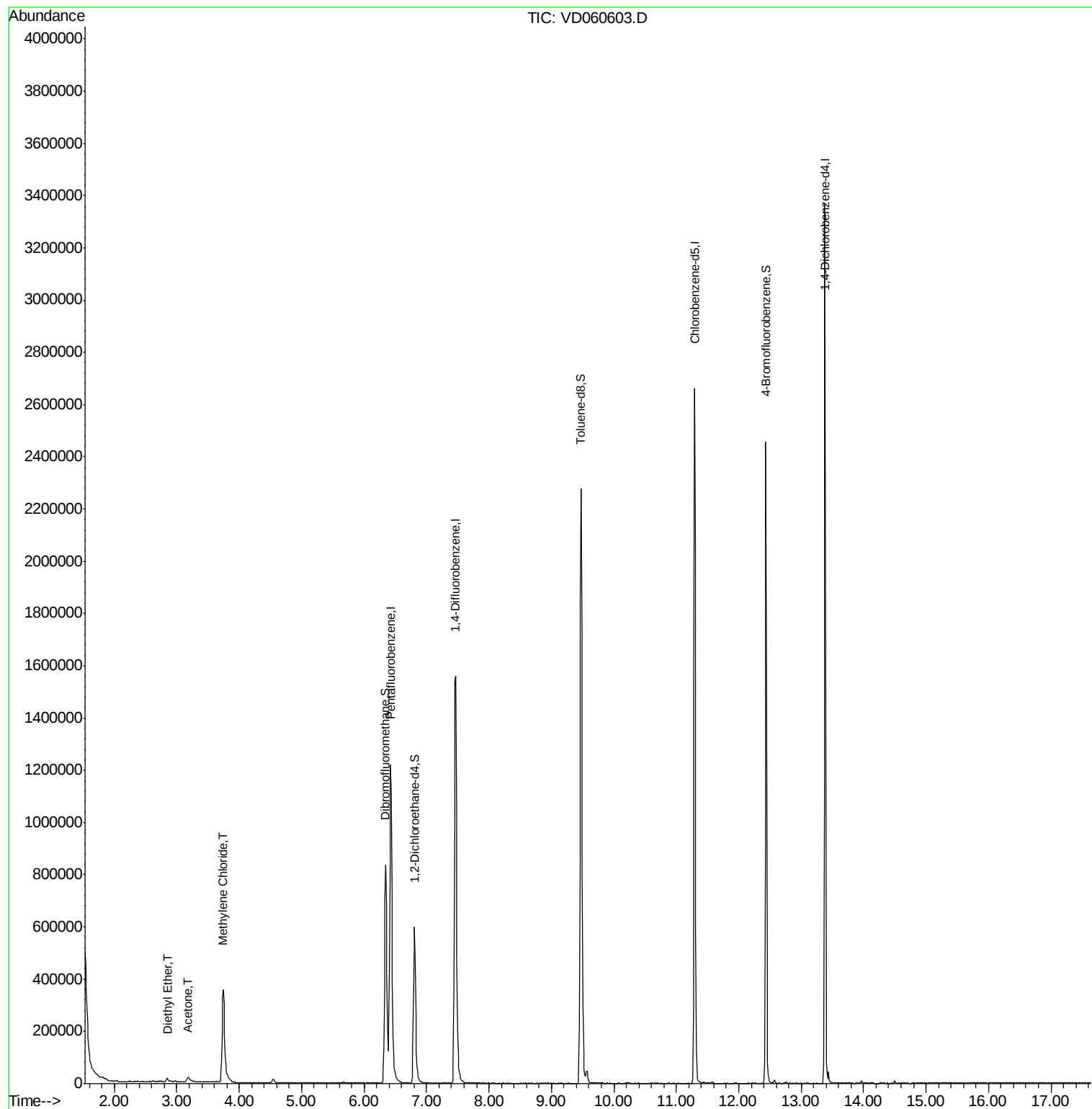
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1176531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	1716617	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.29	117	1453376	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	739142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	507678	60.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	121.76%	
35) Dibromofluoromethane	6.34	113	647482	51.35	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	9.47	98	1808394	49.56	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.44	95	654795	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
Target Compounds						
8) Diethyl Ether	2.85	74	5357	2.784	ug/l	78
16) Acetone	3.18	43	42183	31.557	ug/l #	91
20) Methylene Chloride	3.75	84	243960	16.917	ug/l	92

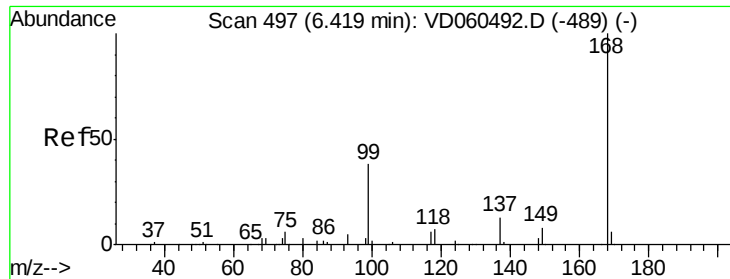
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. 0.00 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

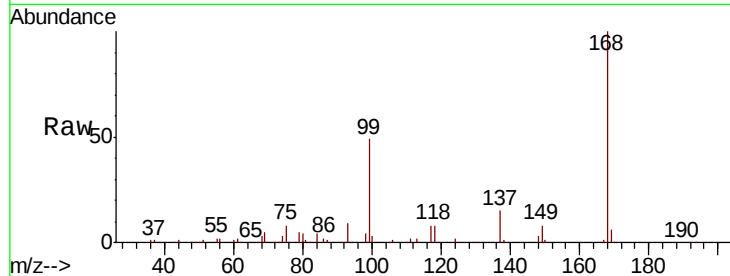
EB09_1.5-2.5

Tot Ion:168 Resp: 1176531

Ion Ratio Lower Upper

168 100

99 48.9 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

400000

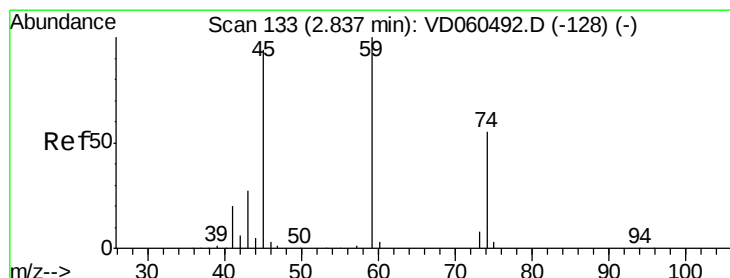
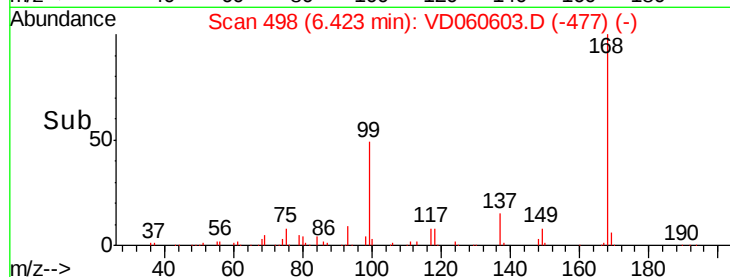
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 2.784 ug/l

RT: 2.85 min Scan# 135

Delta R.T. 0.01 min

Lab File: VD060603.D

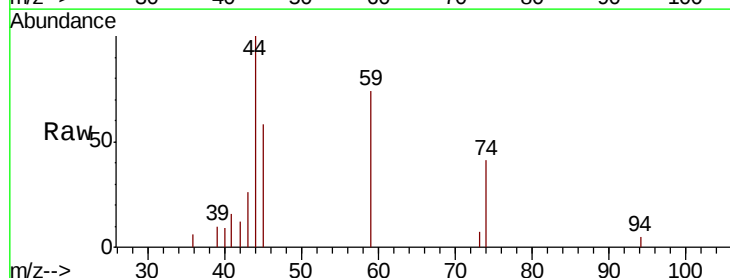
Acq: 17 Dec 2018 16:59

Tgt Ion: 74 Resp: 5357

Ion Ratio Lower Upper

74 100

45 141.9 86.0 258.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2.85

4000

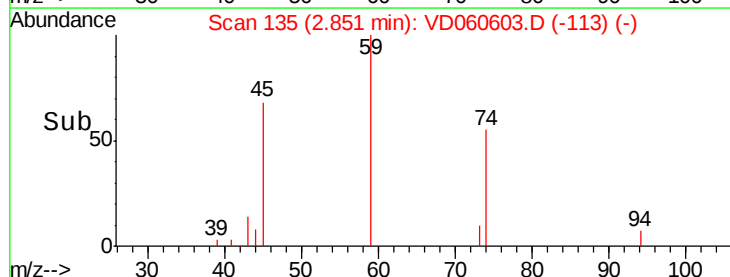
3000

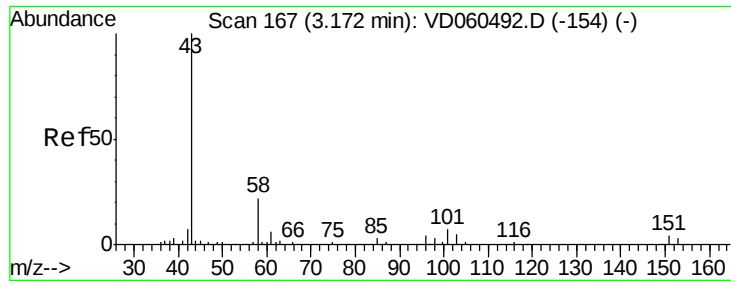
2000

1000

0

Time-->





#16

Acetone

Concen: 31.557 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

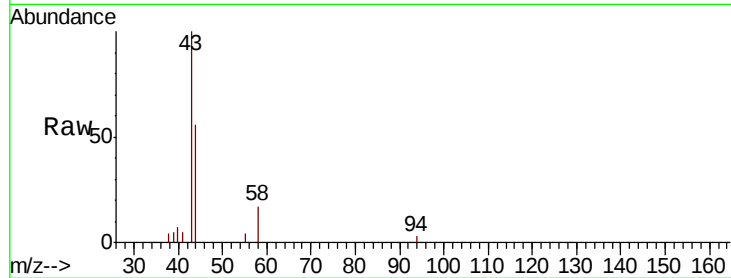
EB09_1.5-2.5

Tot Ion: 43 Resp: 42183

Ion Ratio Lower Upper

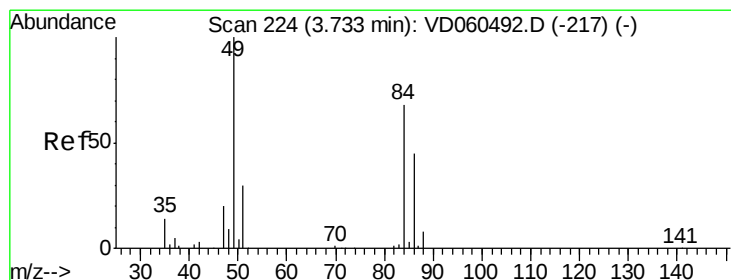
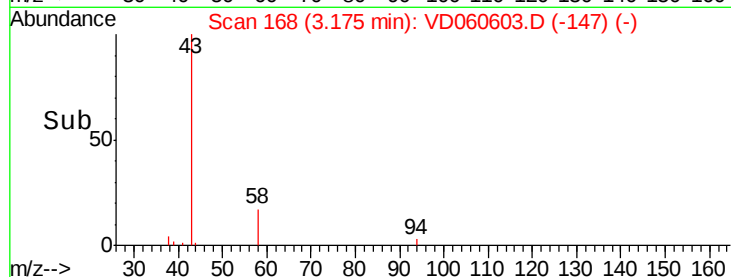
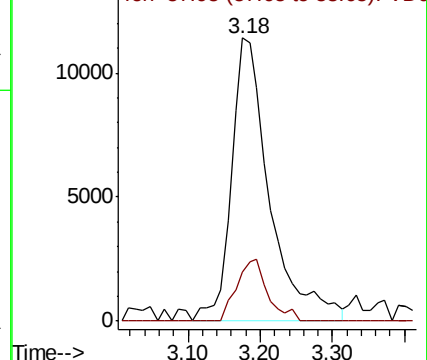
43 100

58 17.2 17.3 25.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 16.917 ug/l

RT: 3.75 min Scan# 226

Delta R.T. 0.01 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Tgt Ion: 84 Resp: 243960

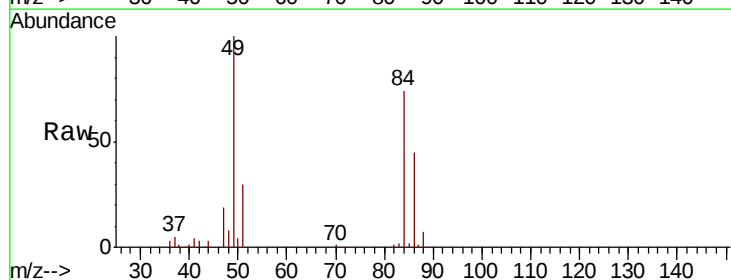
Ion Ratio Lower Upper

84 100

49 135.1 117.2 175.8

51 40.2 35.3 52.9

86 60.3 53.2 79.8

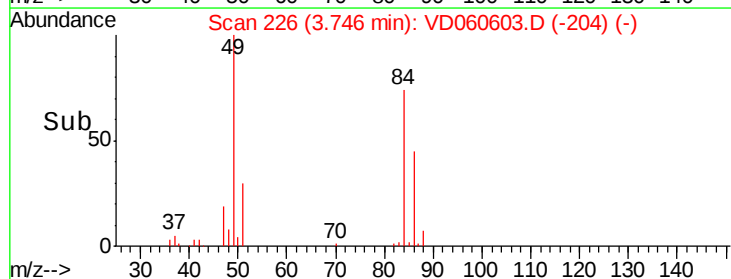
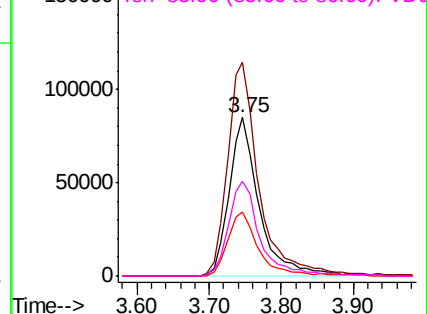


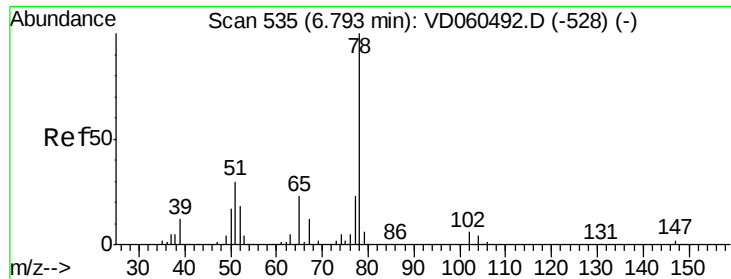
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

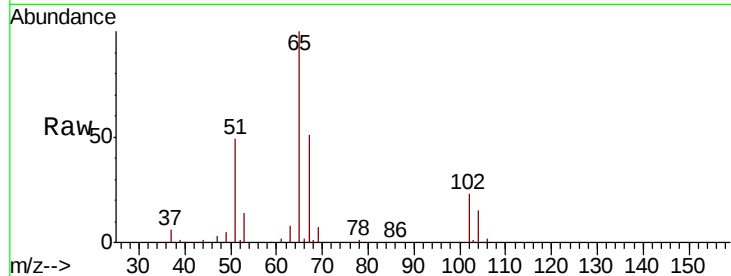
EB09_1.5-2.5

Tot Ion: 65 Resp: 507678

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.81

200000

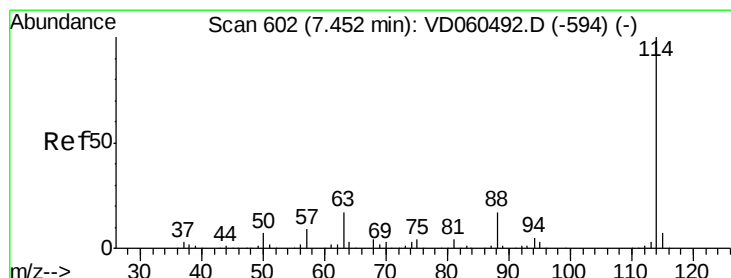
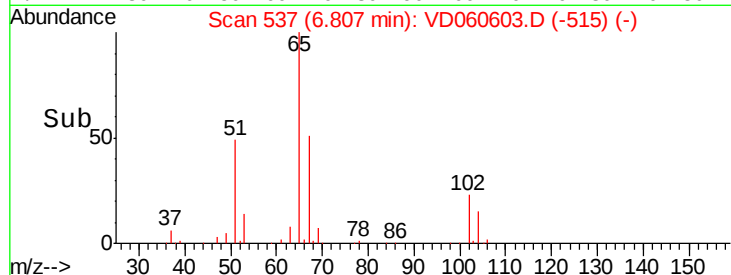
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

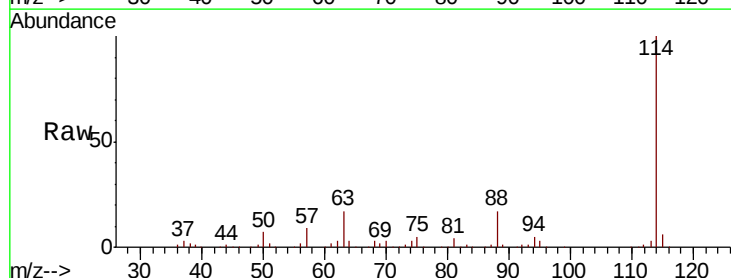
Tgt Ion: 114 Resp: 1716617

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.2

88 17.4 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

7.47

800000

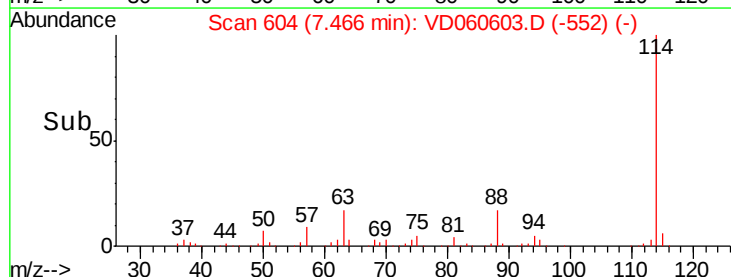
600000

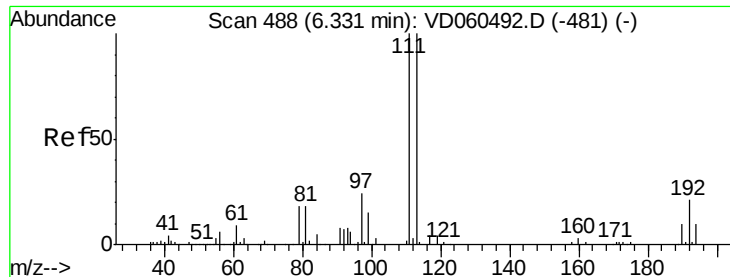
400000

200000

0

Time-->

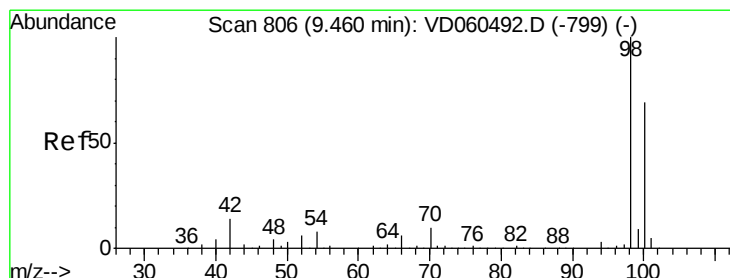
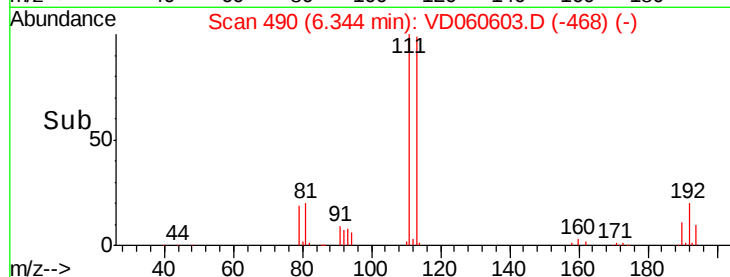
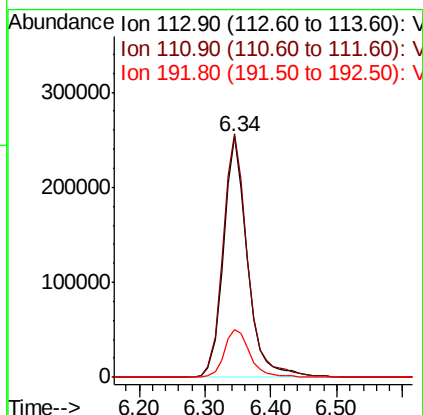
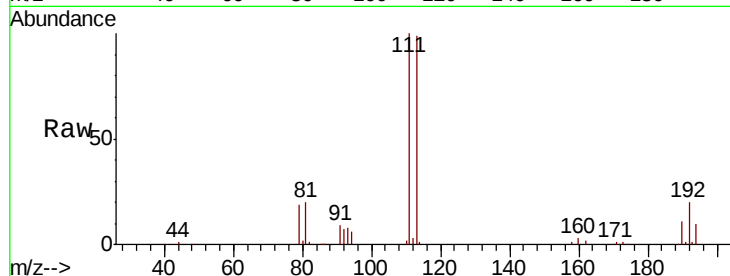




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 490
Delta R.T. 0.01 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

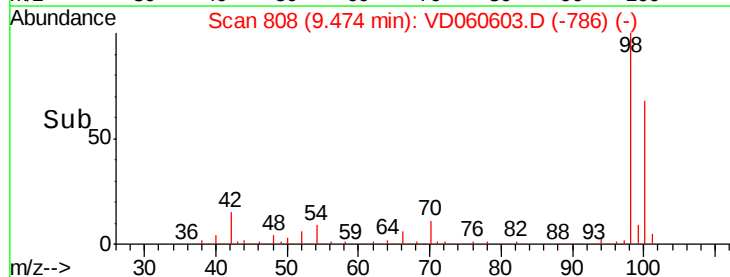
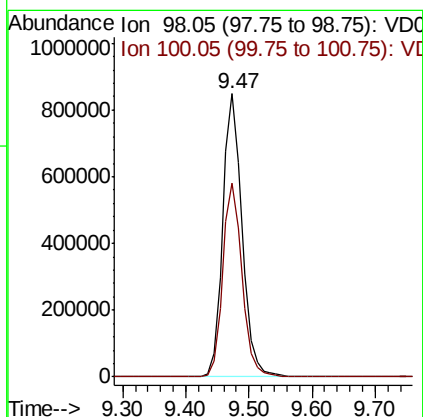
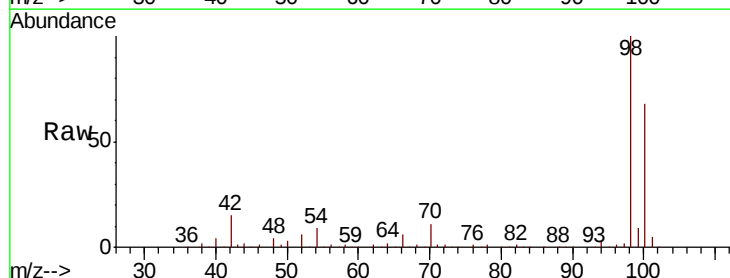
Instrument :
MSVOA_D
ClientSampleId :
EB09_1.5-2.5

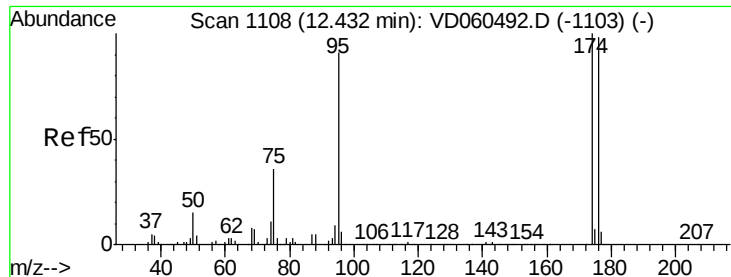
Tot Ion:113 Resp: 647482
Ion Ratio Lower Upper
113 100
111 101.2 80.2 120.4
192 20.0 16.6 24.8



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

Tgt Ion: 98 Resp: 1808394
Ion Ratio Lower Upper
98 100
100 68.4 55.7 83.5

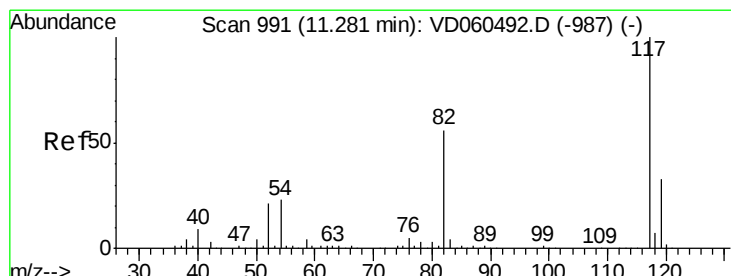
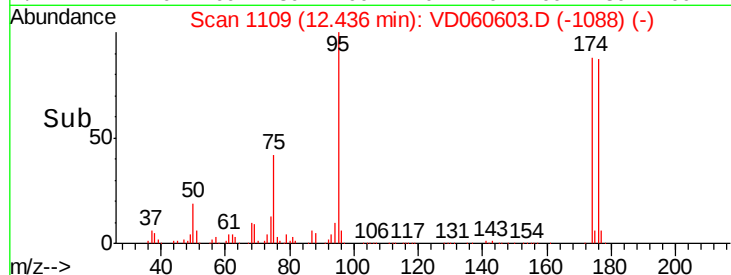
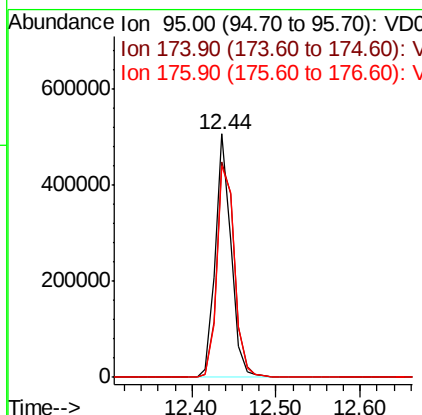
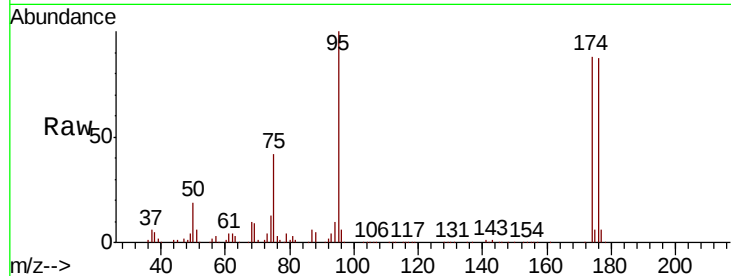




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

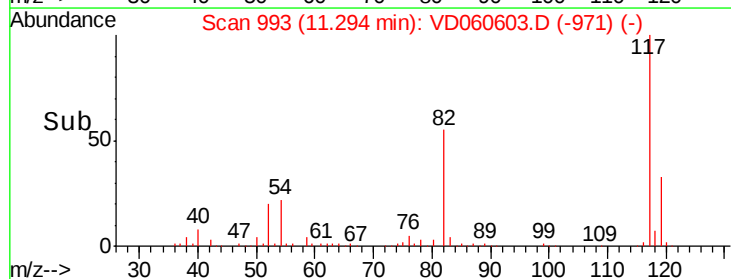
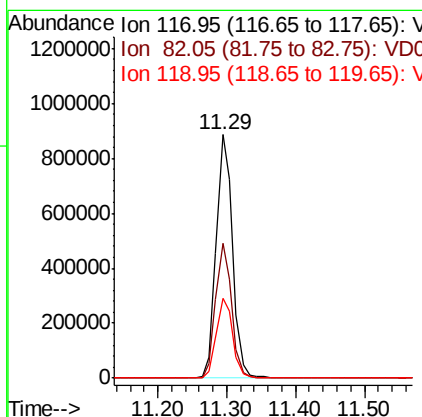
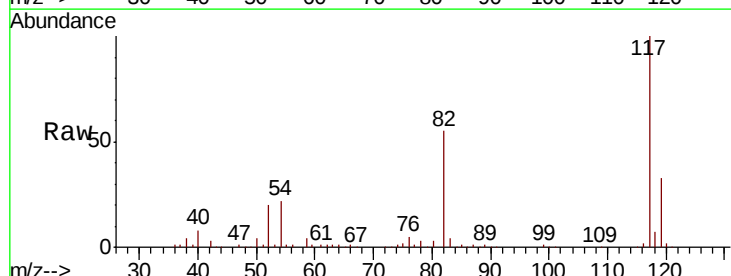
Instrument :
MSVOA_D
ClientSampleId :
EB09_1.5-2.5

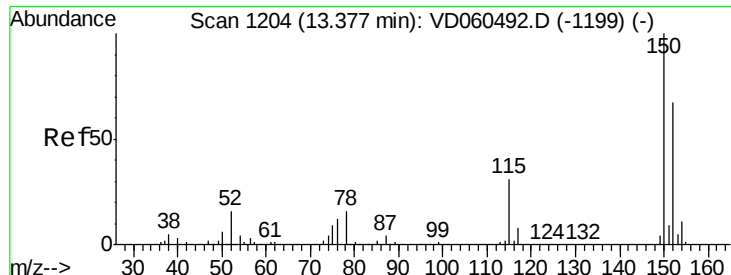
Tot Ion: 95 Resp: 654795
Ion Ratio Lower Upper
95 100
174 88.3 0.0 219.4
176 86.7 0.0 214.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

Tgt Ion: 117 Resp: 1453376
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 32.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

EB09_1.5-2.5

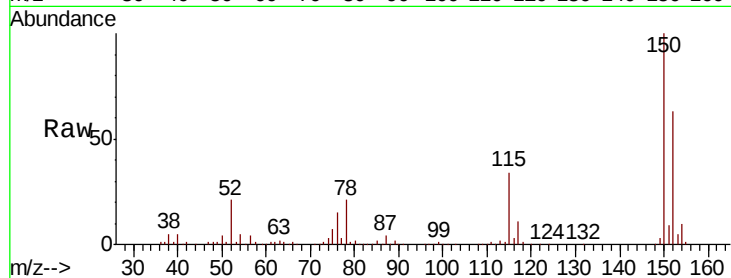
Tot Ion:152 Resp: 739142

Ion Ratio Lower Upper

152 100

115 53.3 24.6 74.0

150 157.8 0.0 309.0



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

