

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060604.D
 Acq On : 17 Dec 2018 17:27
 Operator : VA/AP
 Sample : J6424-04
 Misc : 4.77g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB09_12-14

Quant Time: Dec 18 13:25:24 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

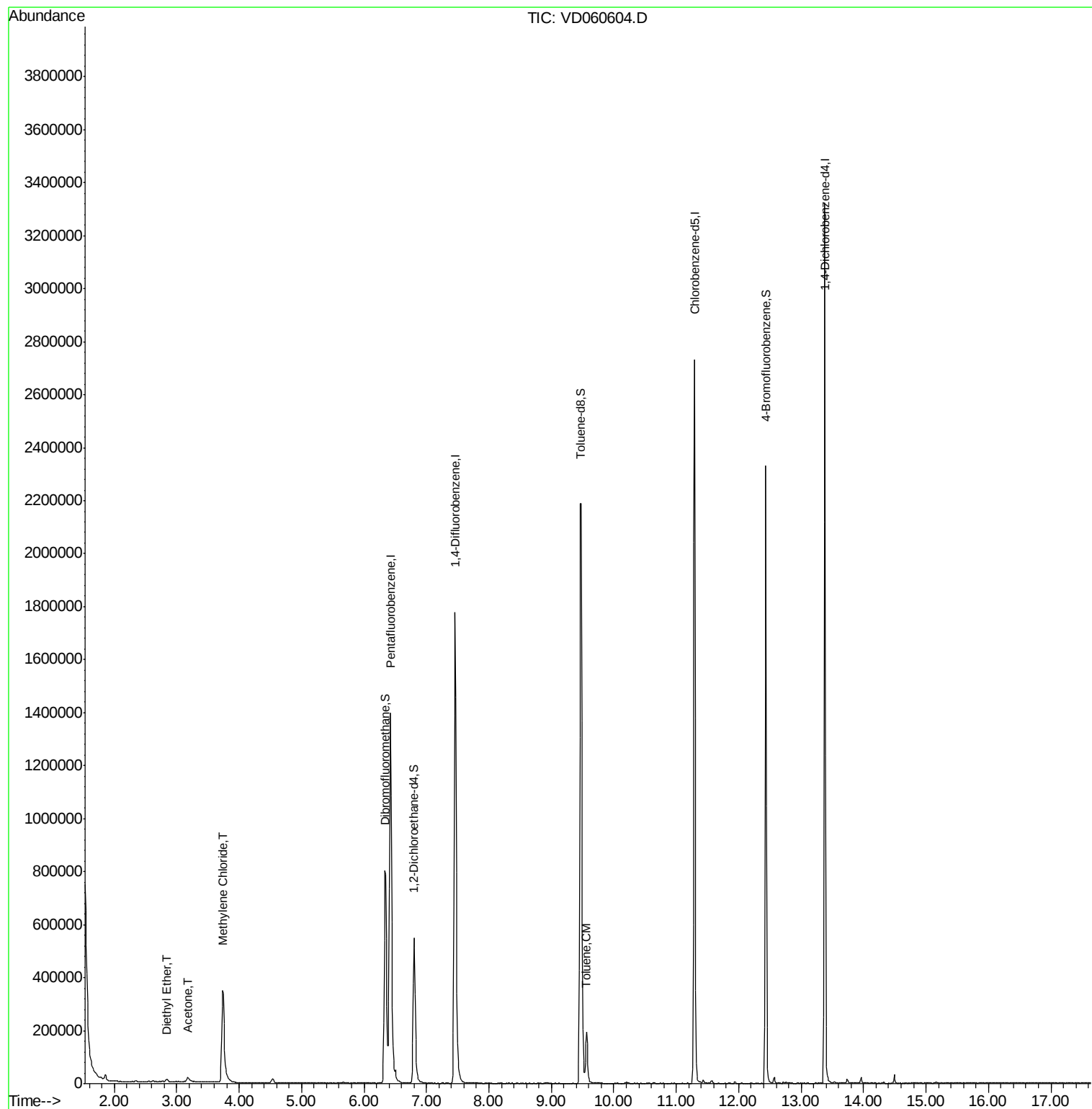
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1342969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1844143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1450462	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	757024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	457331	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
35) Dibromofluoromethane	6.33	113	645359	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	9.47	98	1848534	47.16	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.44	95	629171	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
8) Diethyl Ether	2.84	74	3308	1.506	ug/l	92
16) Acetone	3.18	43	36589	23.980	ug/l	92
20) Methylene Chloride	3.74	84	234947	13.505	ug/l	97
52) Toluene	9.56	92	94009	3.265	ug/l	99

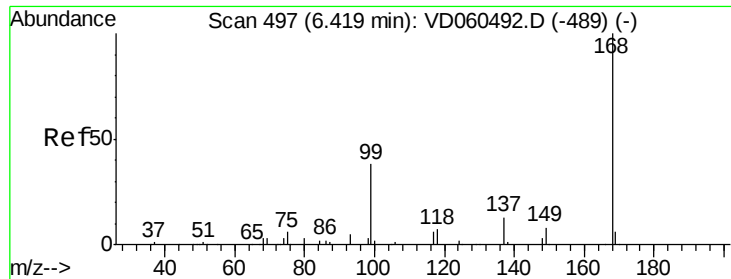
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121718\
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EB09_12-14

Quant Time: Dec 18 13:25:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
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: VD060604.D

Acq: 17 Dec 2018 17:27

Instrument :

MSVOA_D

ClientSampleId :

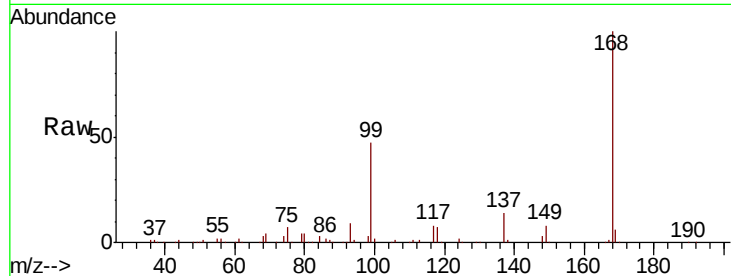
EB09_12-14

Tot Ion:168 Resp: 1342969

Ion Ratio Lower Upper

168 100

99 47.1 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

500000

400000

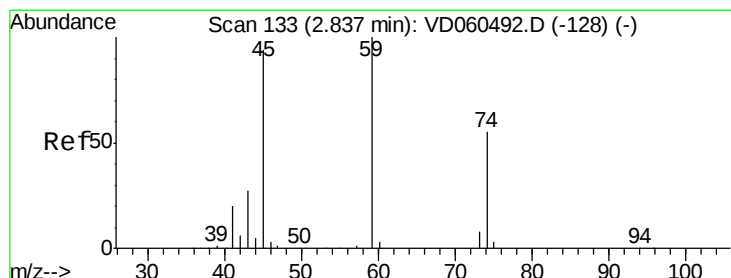
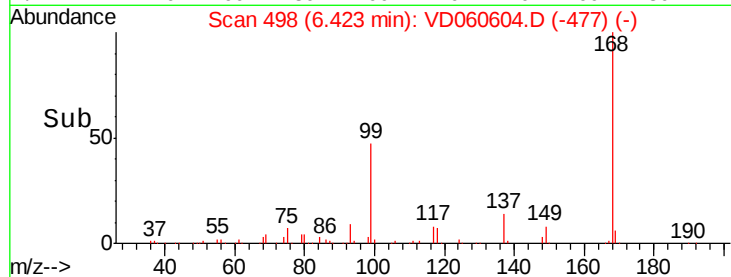
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.506 ug/l

RT: 2.84 min Scan# 134

Delta R.T. 0.00 min

Lab File: VD060604.D

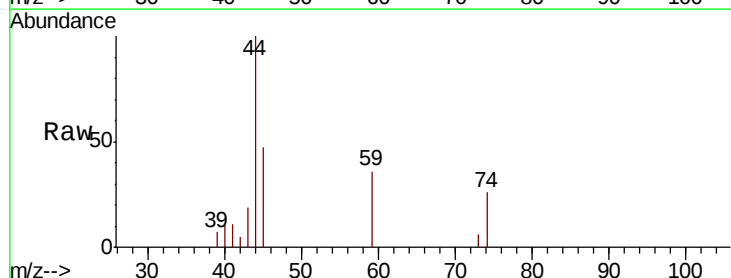
Acq: 17 Dec 2018 17:27

Tgt Ion: 74 Resp: 3308

Ion Ratio Lower Upper

74 100

45 182.5 86.0 258.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

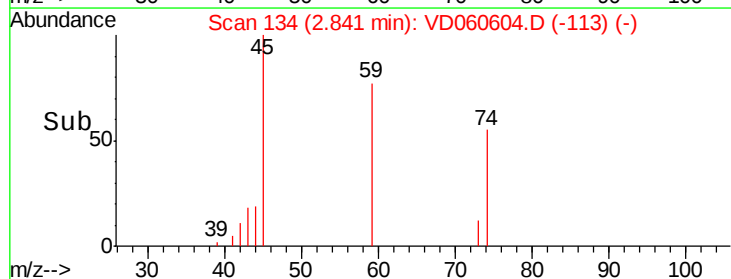
3000

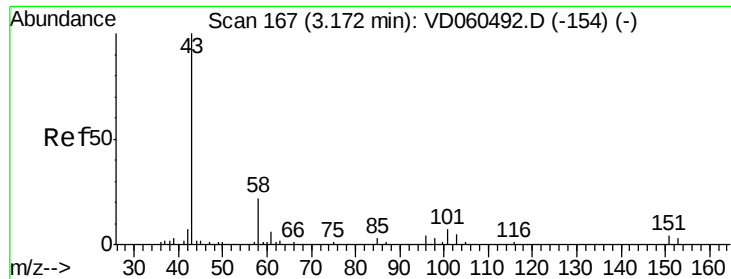
2000

1000

0

Time-->





#16

Acetone

Concen: 23.980 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060604.D

Acq: 17 Dec 2018 17:27

Instrument :

MSVOA_D

ClientSampleId :

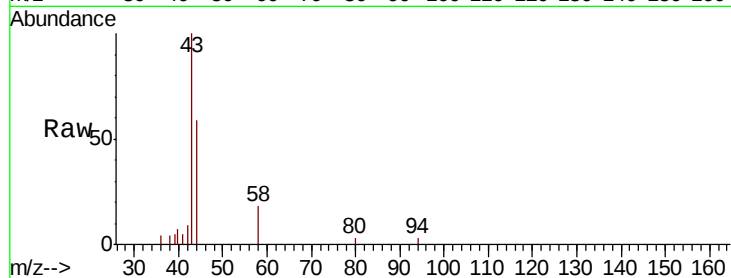
EB09_12-14

Tot Ion: 43 Resp: 36589

Ion Ratio Lower Upper

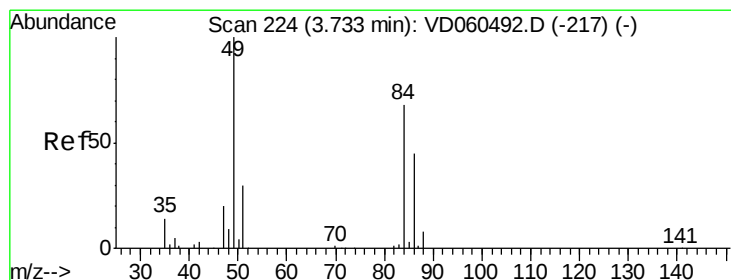
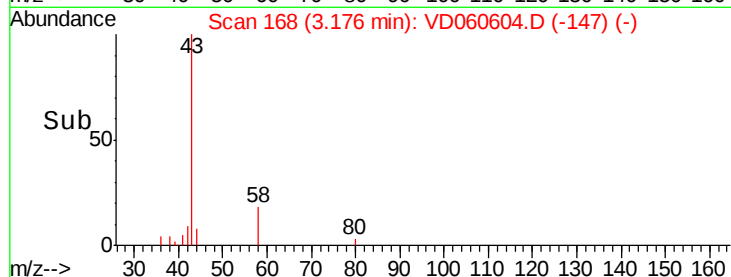
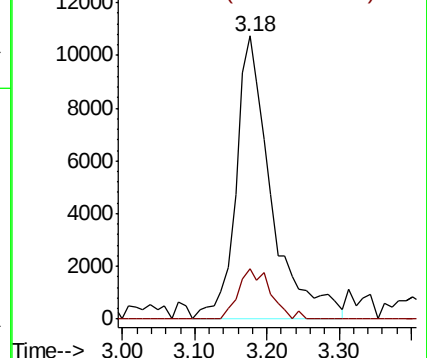
43 100

58 17.8 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: 13.505 ug/l

RT: 3.74 min Scan# 225

Delta R.T. 0.00 min

Lab File: VD060604.D

Acq: 17 Dec 2018 17:27

Tgt Ion: 84 Resp: 234947

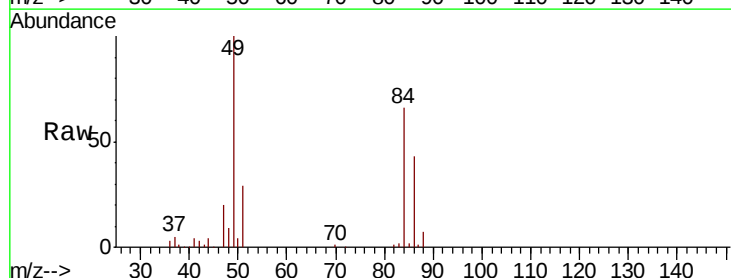
Ion Ratio Lower Upper

84 100

49 150.9 117.2 175.8

51 44.4 35.3 52.9

86 64.4 53.2 79.8

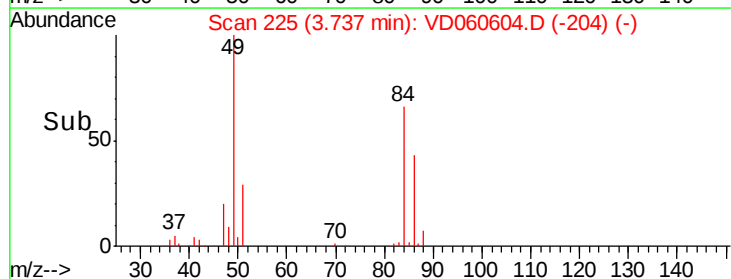
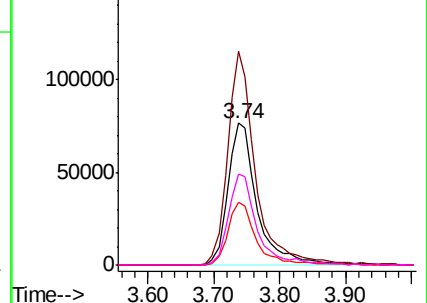


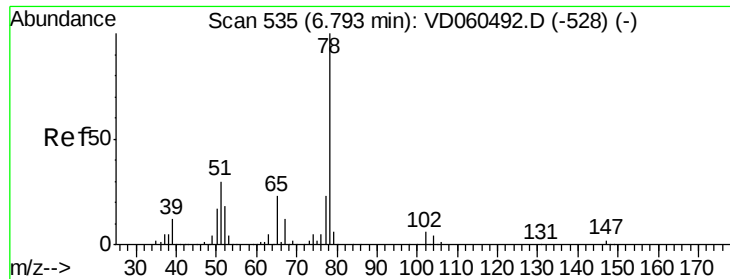
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.80 min Scan# 536

Delta R.T. 0.00 min

Lab File: VD060604.D

Acq: 17 Dec 2018 17:27

Instrument :

MSVOA_D

ClientSampleId :

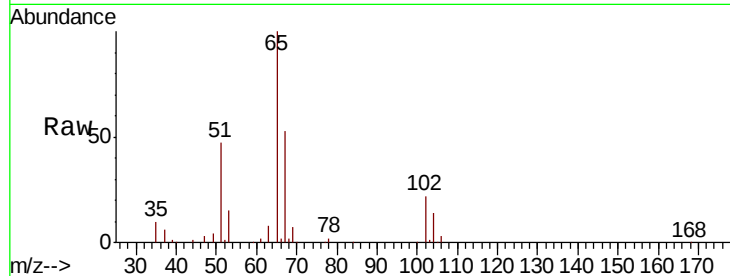
EB09_12-14

Tot Ion: 65 Resp: 457331

Ion Ratio Lower Upper

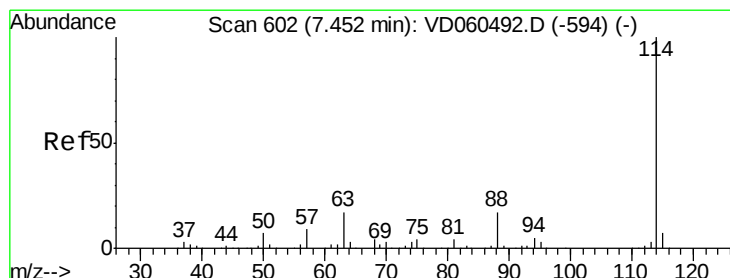
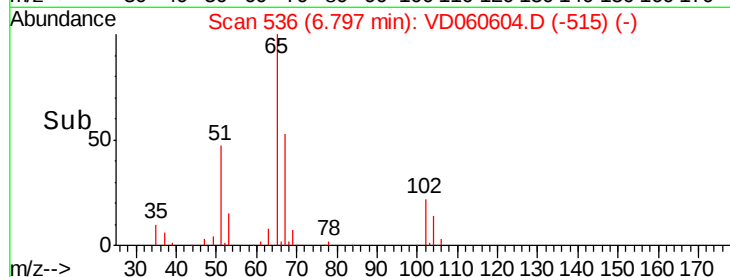
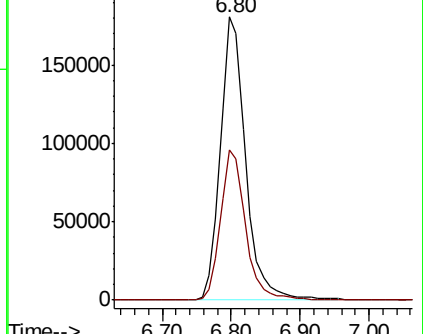
65 100

67 52.9 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.46 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD060604.D

Acq: 17 Dec 2018 17:27

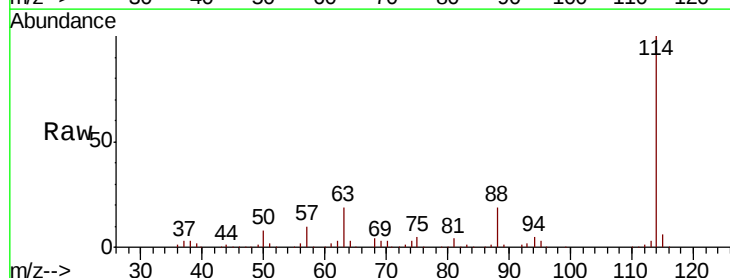
Tgt Ion: 114 Resp: 1844143

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.2

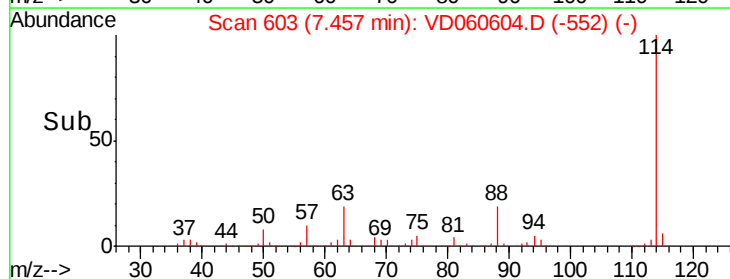
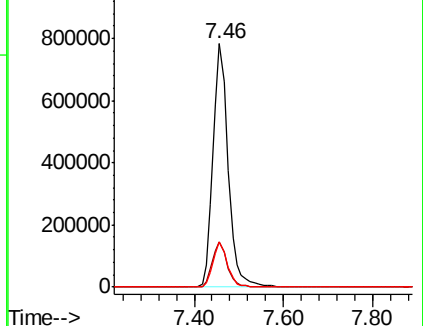
88 18.7 0.0 35.0

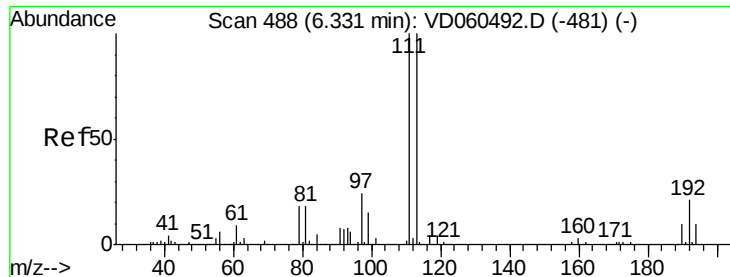


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 489

Delta R.T. 0.00 min

Lab File: VD060604.D

Acq: 17 Dec 2018 17:27

Instrument :

MSVOA_D

ClientSampleId :

EB09_12-14

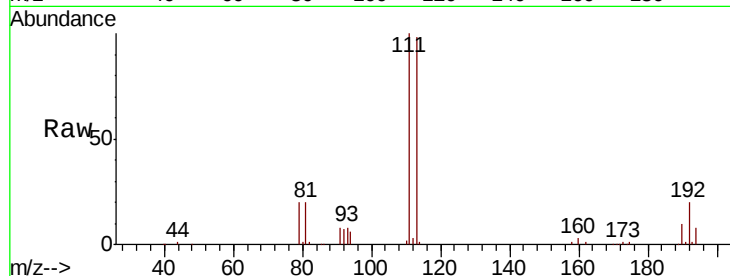
Tot Ion:113 Resp: 645359

Ion Ratio Lower Upper

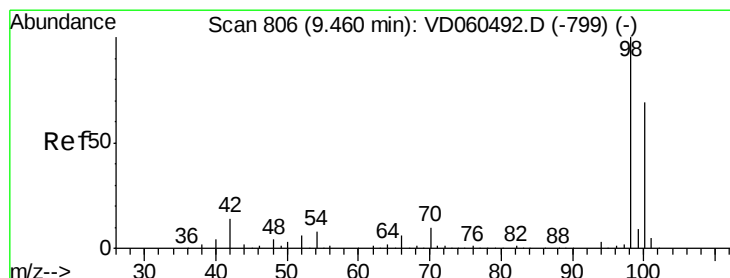
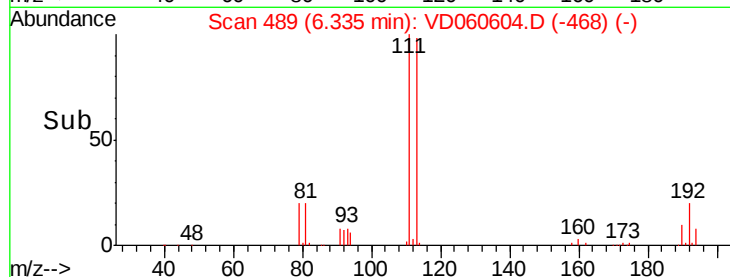
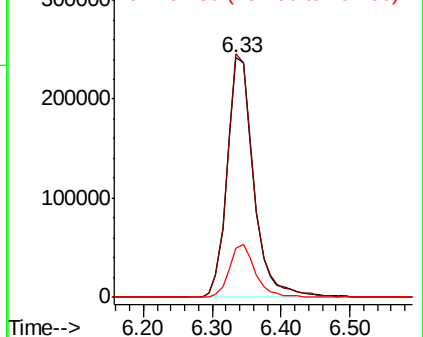
113 100

111 101.6 80.2 120.4

192 20.6 16.6 24.8



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: 9.47 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060604.D

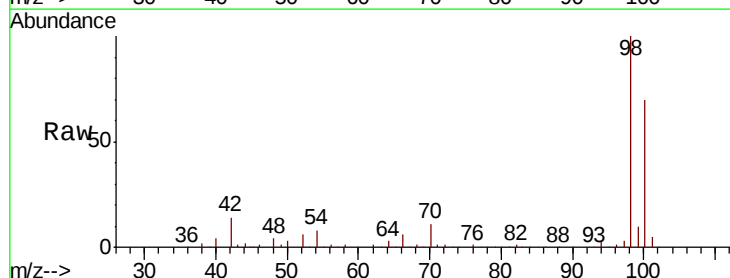
Acq: 17 Dec 2018 17:27

Tgt Ion: 98 Resp: 1848534

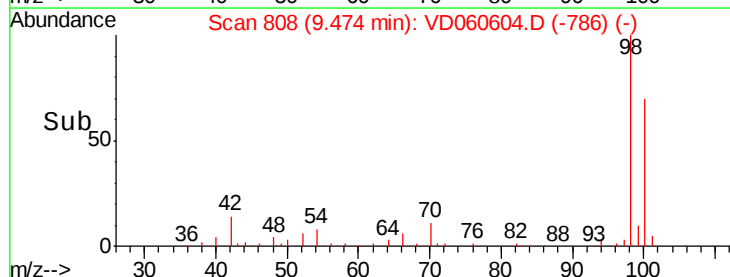
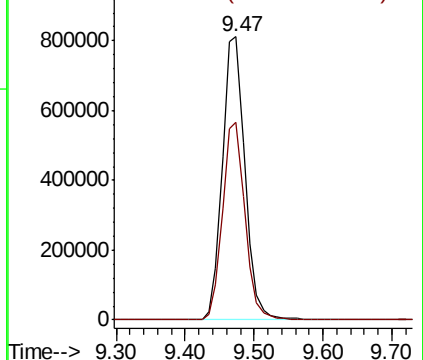
Ion Ratio Lower Upper

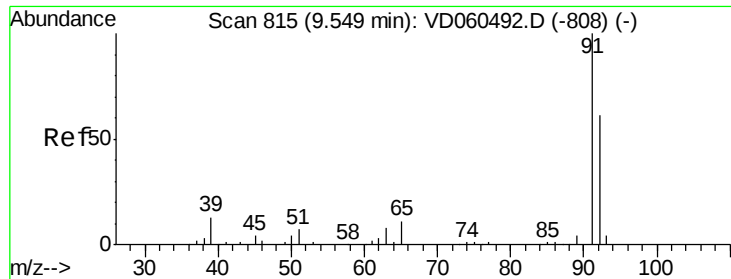
98 100

100 70.0 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 3.265 ug/l

RT: 9.56 min Scan# 817

Delta R.T. 0.01 min

Lab File: VD060604.D

Acq: 17 Dec 2018 17:27

Instrument :

MSVOA_D

ClientSampleId :

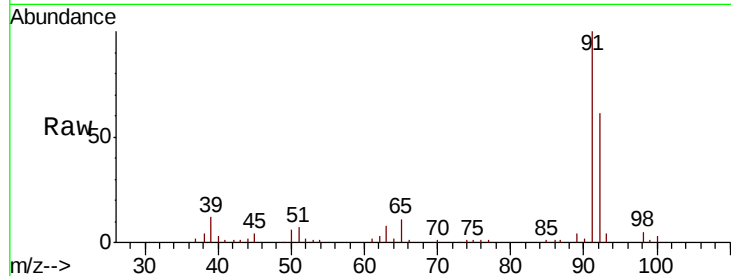
EB09_12-14

Tot Ion: 92 Resp: 94009

Ion Ratio Lower Upper

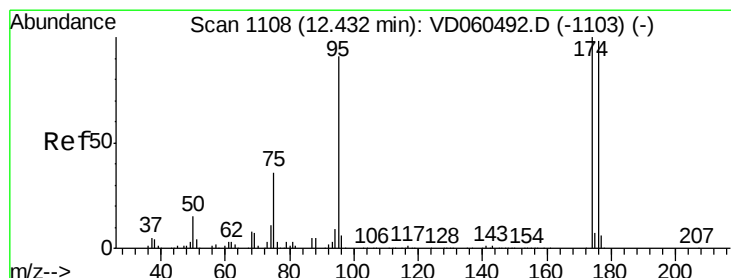
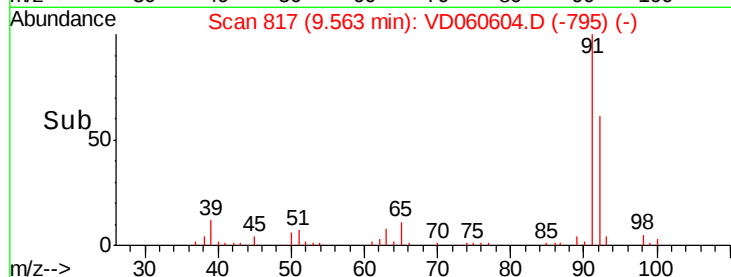
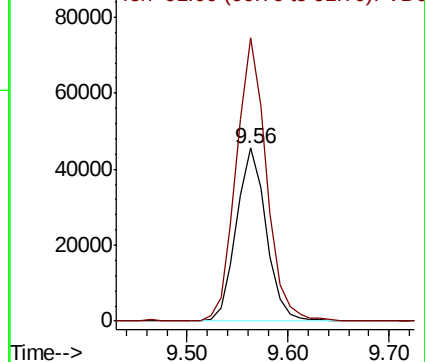
92 100

91 163.6 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060604.D

Acq: 17 Dec 2018 17:27

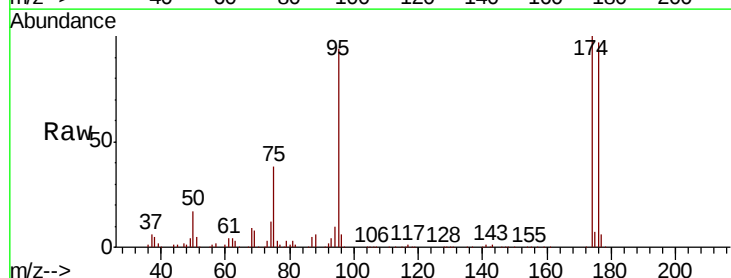
Tgt Ion: 95 Resp: 629171

Ion Ratio Lower Upper

95 100

174 106.5 0.0 219.4

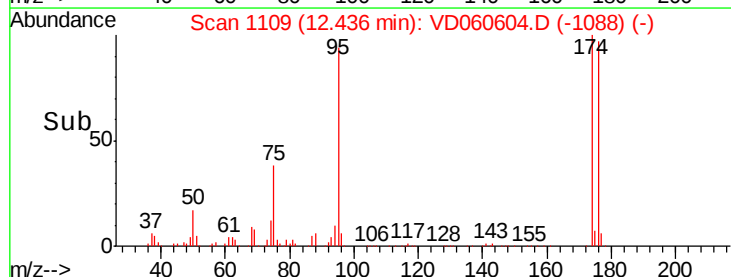
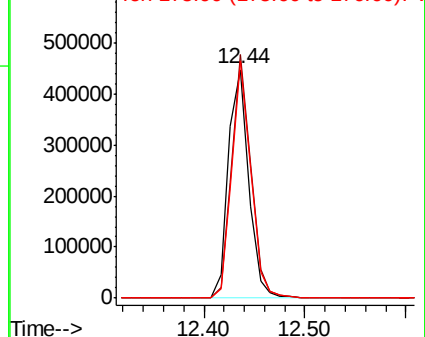
176 103.7 0.0 214.6

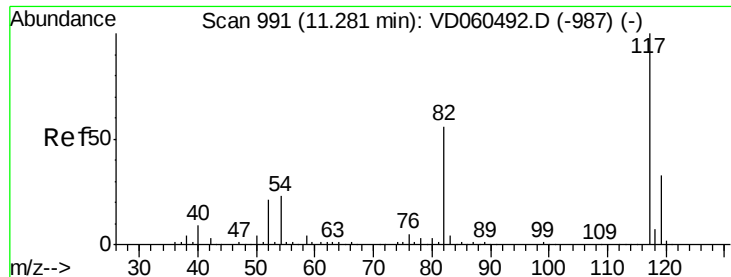


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

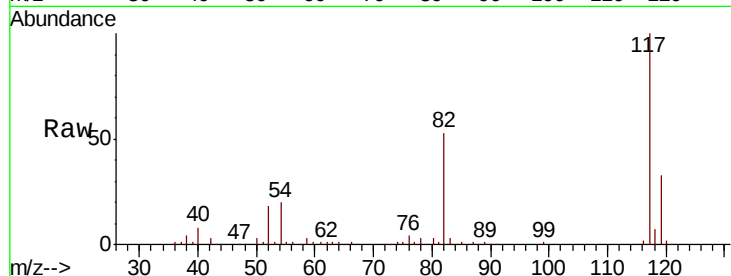




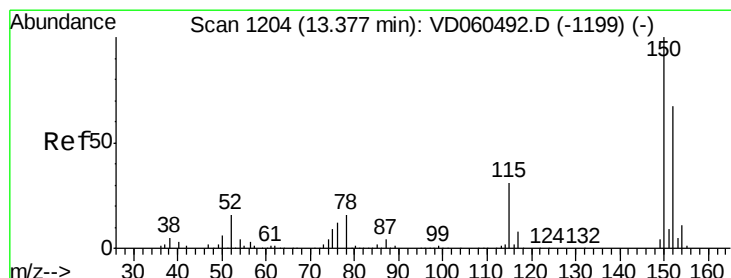
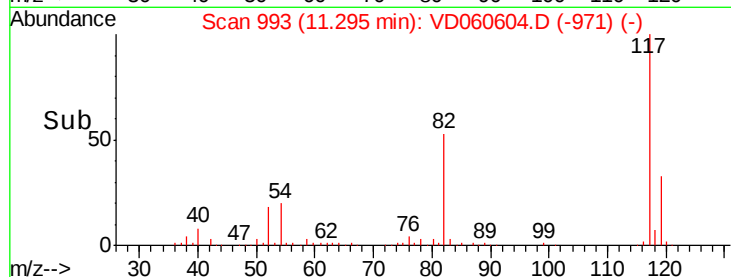
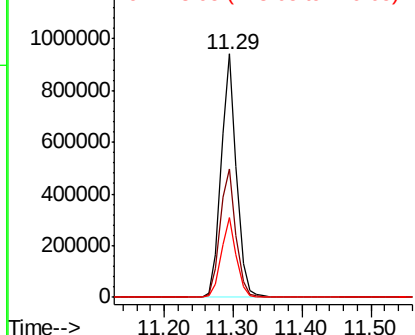
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060604.D
Acq: 17 Dec 2018 17:27

Instrument :
MSVOA_D
ClientSampleId :
EB09_12-14

Tot Ion:117 Resp: 1450462
Ion Ratio Lower Upper
117 100
82 52.5 45.2 67.8
119 32.8 26.1 39.1

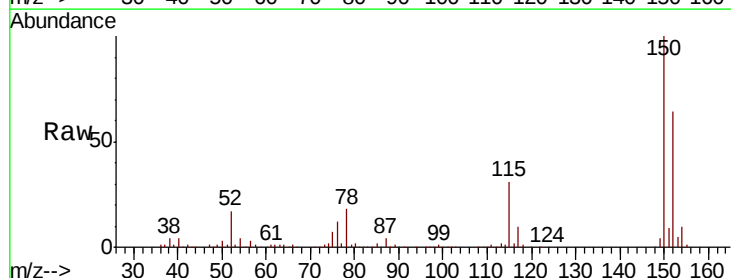


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060604.D
Acq: 17 Dec 2018 17:27

Tgt Ion:152 Resp: 757024
Ion Ratio Lower Upper
152 100
115 48.4 24.6 74.0
150 156.2 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

