

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060586.D
 Acq On : 14 Dec 2018 21:15
 Operator : VA/AP
 Sample : J6403-61
 Misc : 5.54g/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-B

Quant Time: Dec 14 23:22:05 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

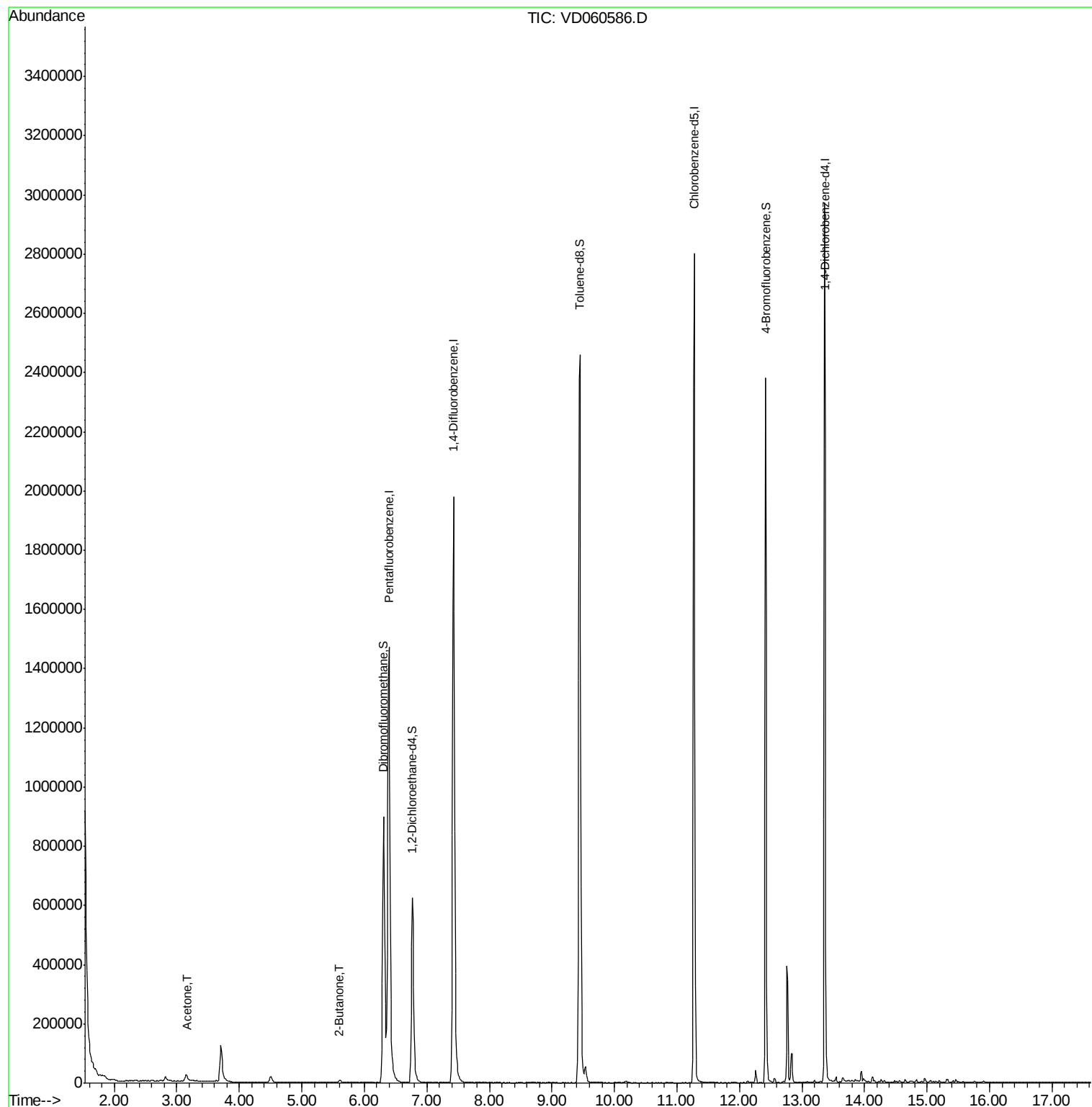
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1487603	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2073029	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1542394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	687870	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	521831	49.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	6.31	113	709960	46.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.26%	
50) Toluene-d8	9.45	98	2016303	45.76	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.52%	
62) 4-Bromofluorobenzene	12.42	95	644269	40.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.72%	
Target Compounds						
16) Acetone	3.16	43	53764	31.811	ug/l	98
25) 2-Butanone	5.60	43	16180	4.866	ug/l #	90

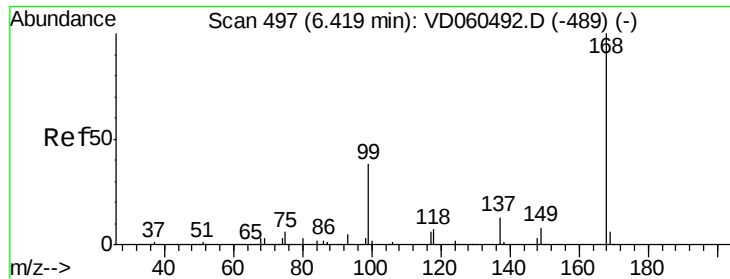
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.39 min Scan# 495

Delta R.T. -0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

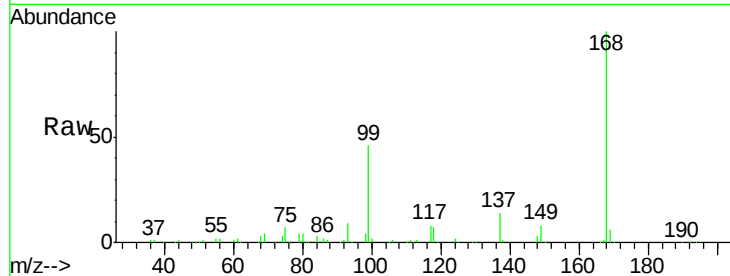
TP-8-B

Tgt Ion:168 Resp: 1487603

Ion Ratio Lower Upper

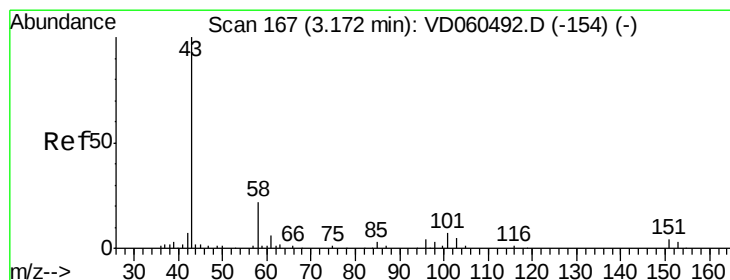
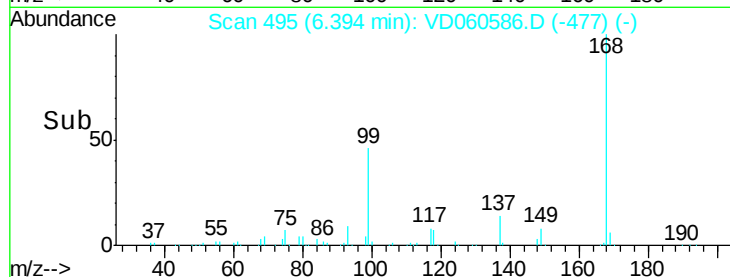
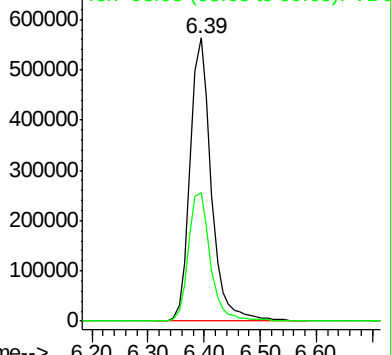
168 100

99 45.5 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 31.811 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060586.D

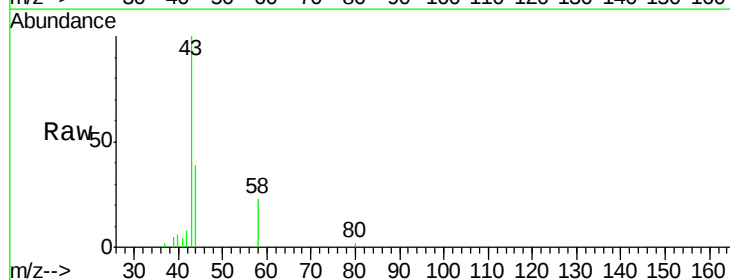
Acq: 14 Dec 2018 21:15

Tgt Ion: 43 Resp: 53764

Ion Ratio Lower Upper

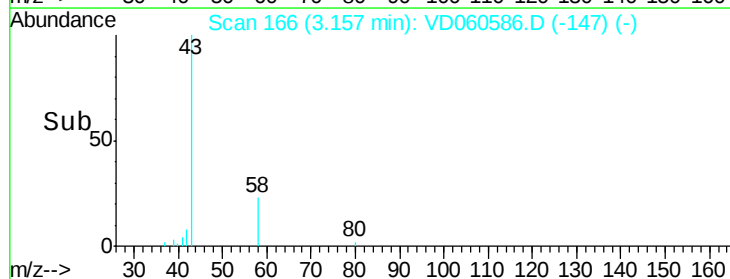
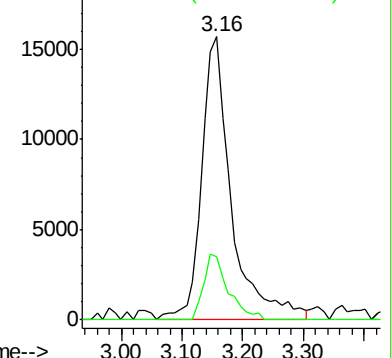
43 100

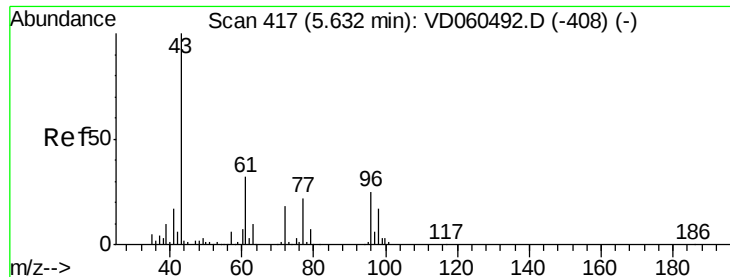
58 22.5 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 4.866 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.03 min

Lab File: VD060586.D

Acq: 14 Dec 2018 21:15

Instrument :

MSVOA_D

ClientSampleId :

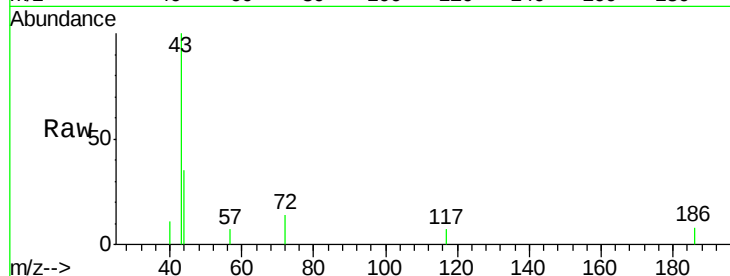
TP-8-B

Tgt Ion: 43 Resp: 16180

Ion Ratio Lower Upper

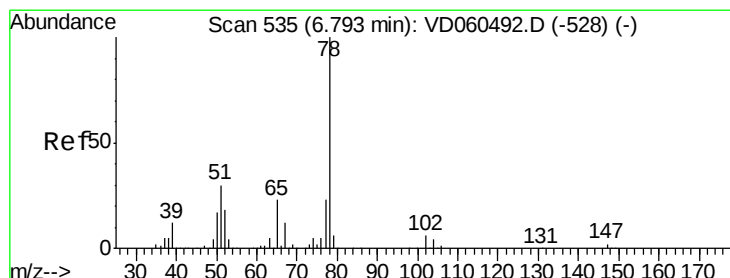
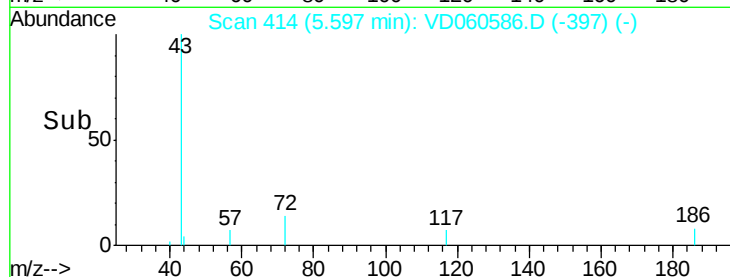
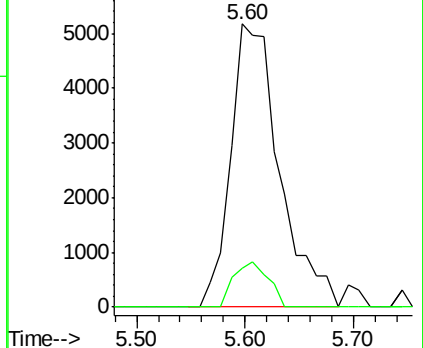
43 100

72 13.7 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.02 min

Lab File: VD060586.D

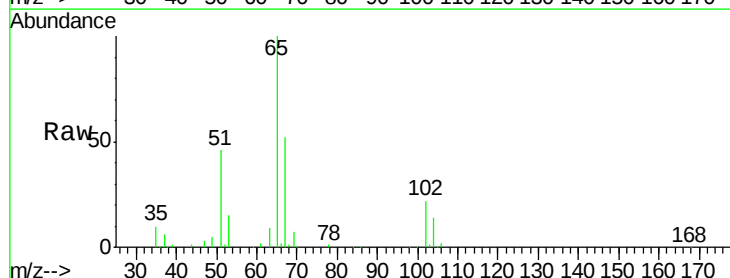
Acq: 14 Dec 2018 21:15

Tgt Ion: 65 Resp: 521831

Ion Ratio Lower Upper

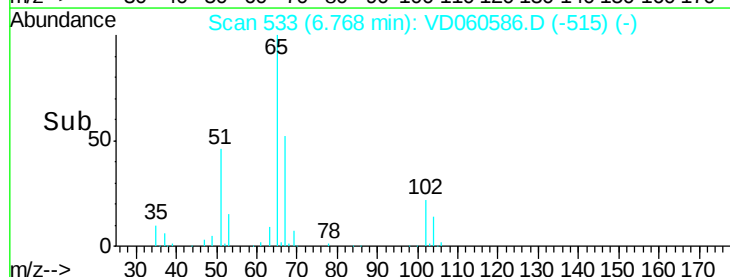
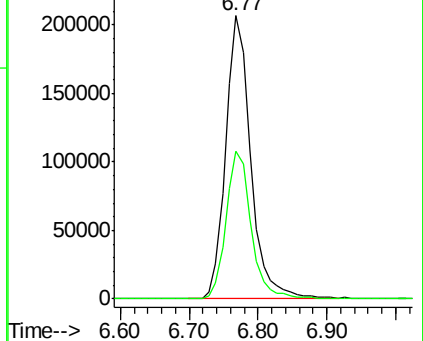
65 100

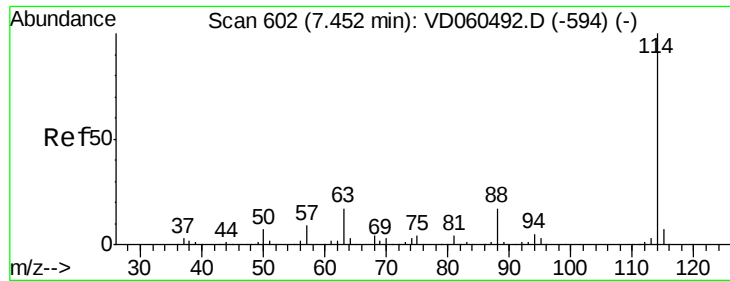
67 52.1 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

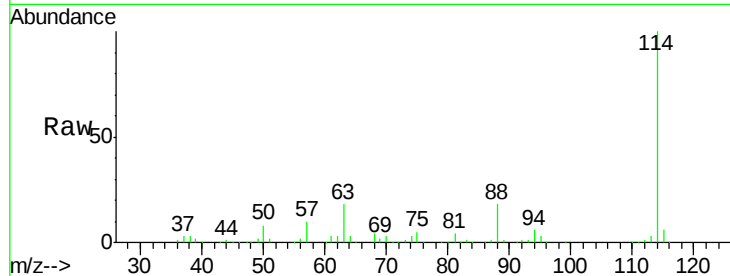




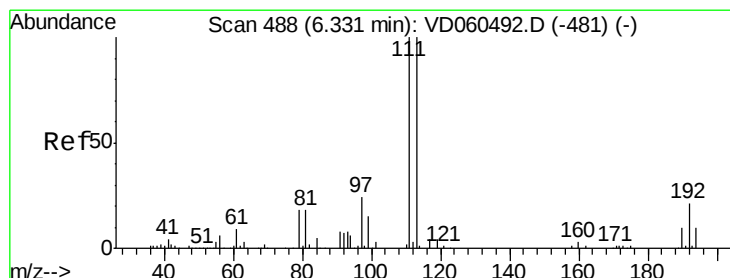
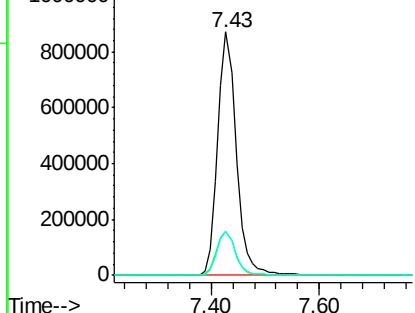
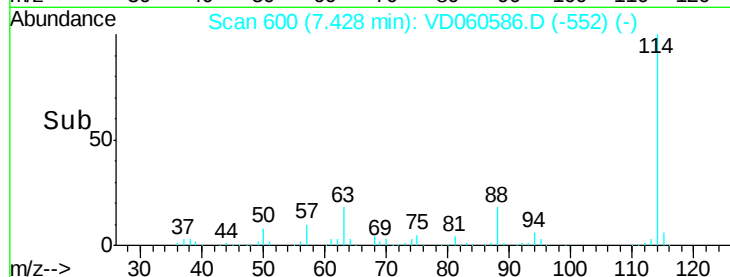
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: VD060586.D
 Acq: 14 Dec 2018 21:15

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-B

Tgt Ion:114 Resp: 2073029
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.2
 88 18.3 0.0 35.0

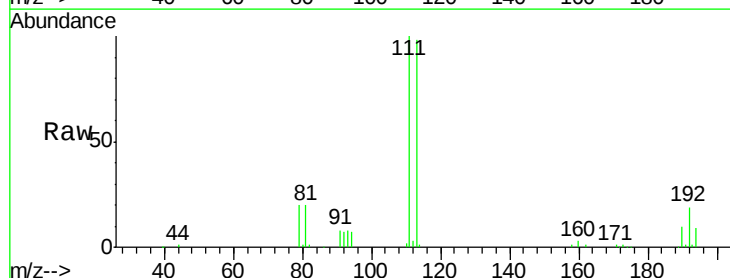


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

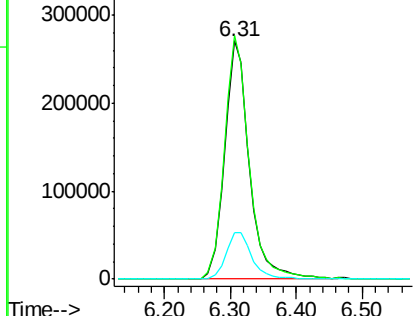
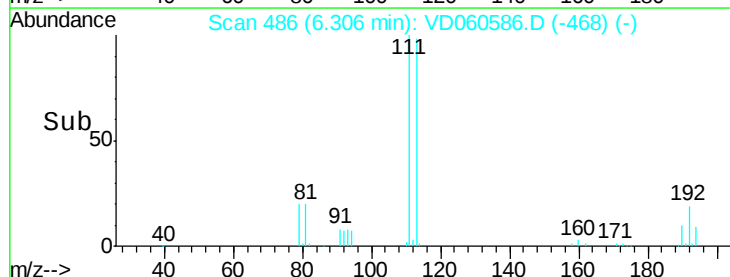


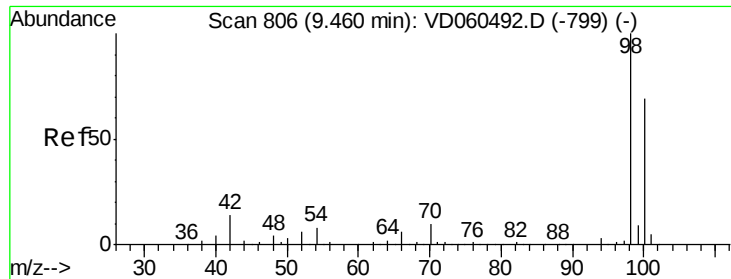
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: VD060586.D
 Acq: 14 Dec 2018 21:15

Tgt Ion:113 Resp: 709960
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.2 120.4
 192 19.6 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: 9.45 min Scan# 805

Delta R.T. -0.02 min

Lab File: VD060586.D

Acq: 14 Dec 2018 21:15

Instrument :

MSVOA_D

ClientSampleId :

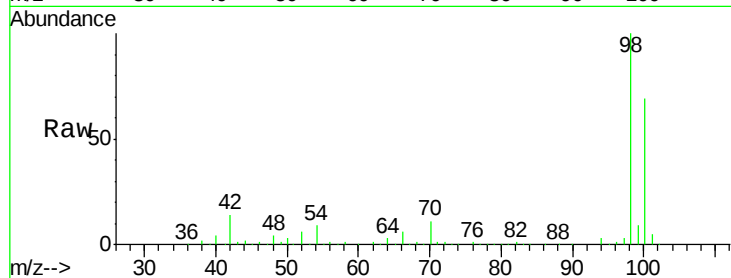
TP-8-B

Tgt Ion: 98 Resp: 2016303

Ion Ratio Lower Upper

98 100

100 69.4 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.45

800000

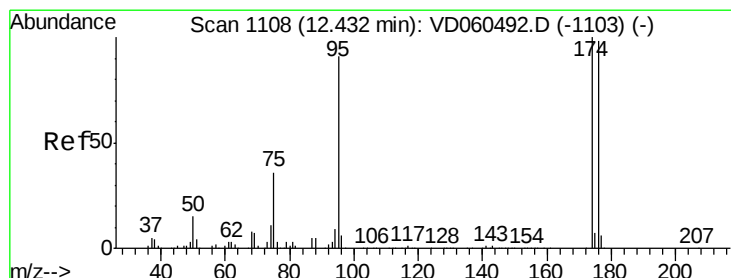
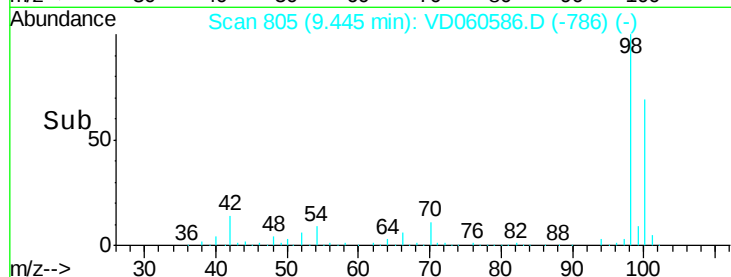
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060586.D

Acq: 14 Dec 2018 21:15

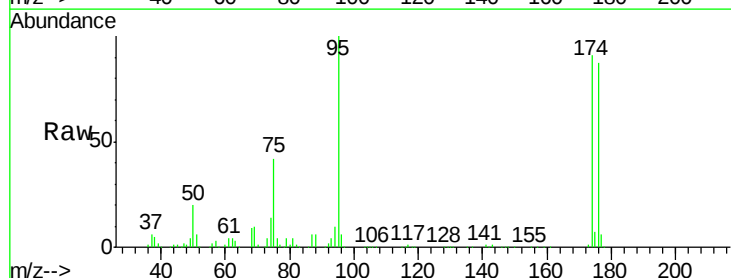
Tgt Ion: 95 Resp: 644269

Ion Ratio Lower Upper

95 100

174 90.5 0.0 219.4

176 87.1 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

600000

500000

400000

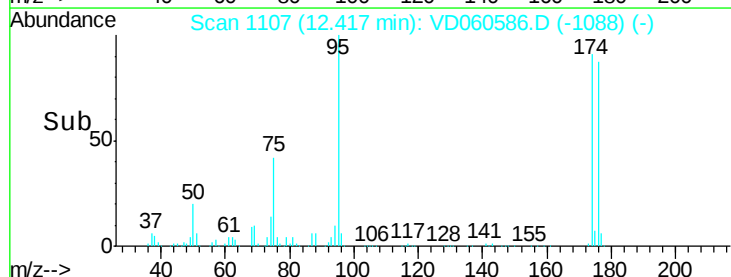
300000

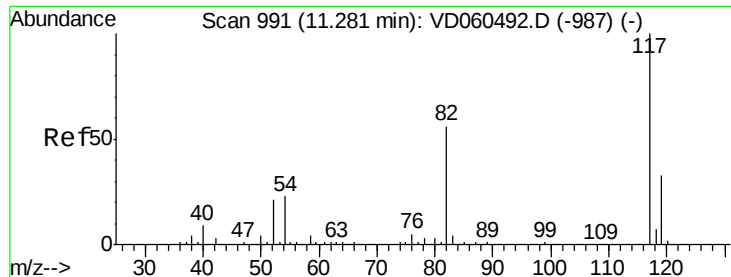
200000

100000

0

Time-->

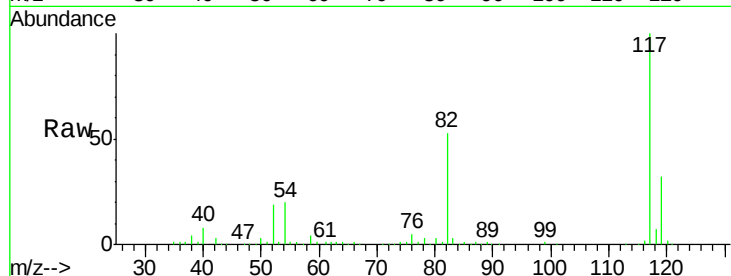




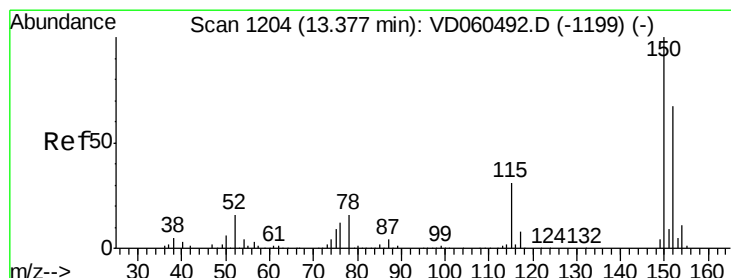
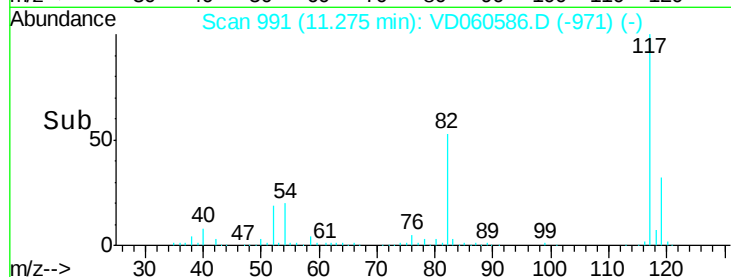
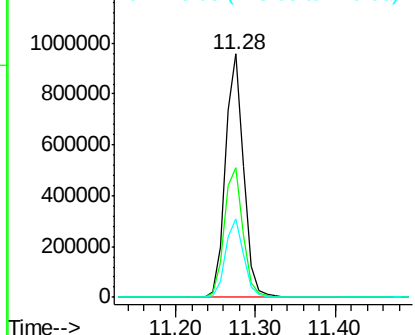
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060586.D
Acq: 14 Dec 2018 21:15

Instrument :
MSVOA_D
ClientSampleId :
TP-8-B

Tgt Ion:117 Resp: 1542394
Ion Ratio Lower Upper
117 100
82 53.0 45.2 67.8
119 32.0 26.1 39.1

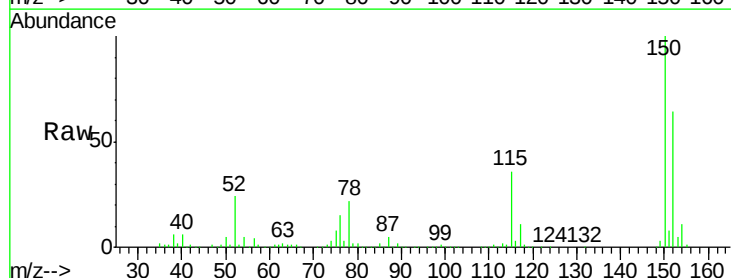


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060586.D
Acq: 14 Dec 2018 21:15

Tgt Ion:152 Resp: 687870
Ion Ratio Lower Upper
152 100
115 55.5 24.6 74.0
150 155.5 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

