

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006180.D
 Acq On : 18 Oct 2018 17:10
 Operator : VA/AP
 Sample : J5575-13
 Misc : 5.3G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25-B

Quant Time: Oct 19 07:12:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

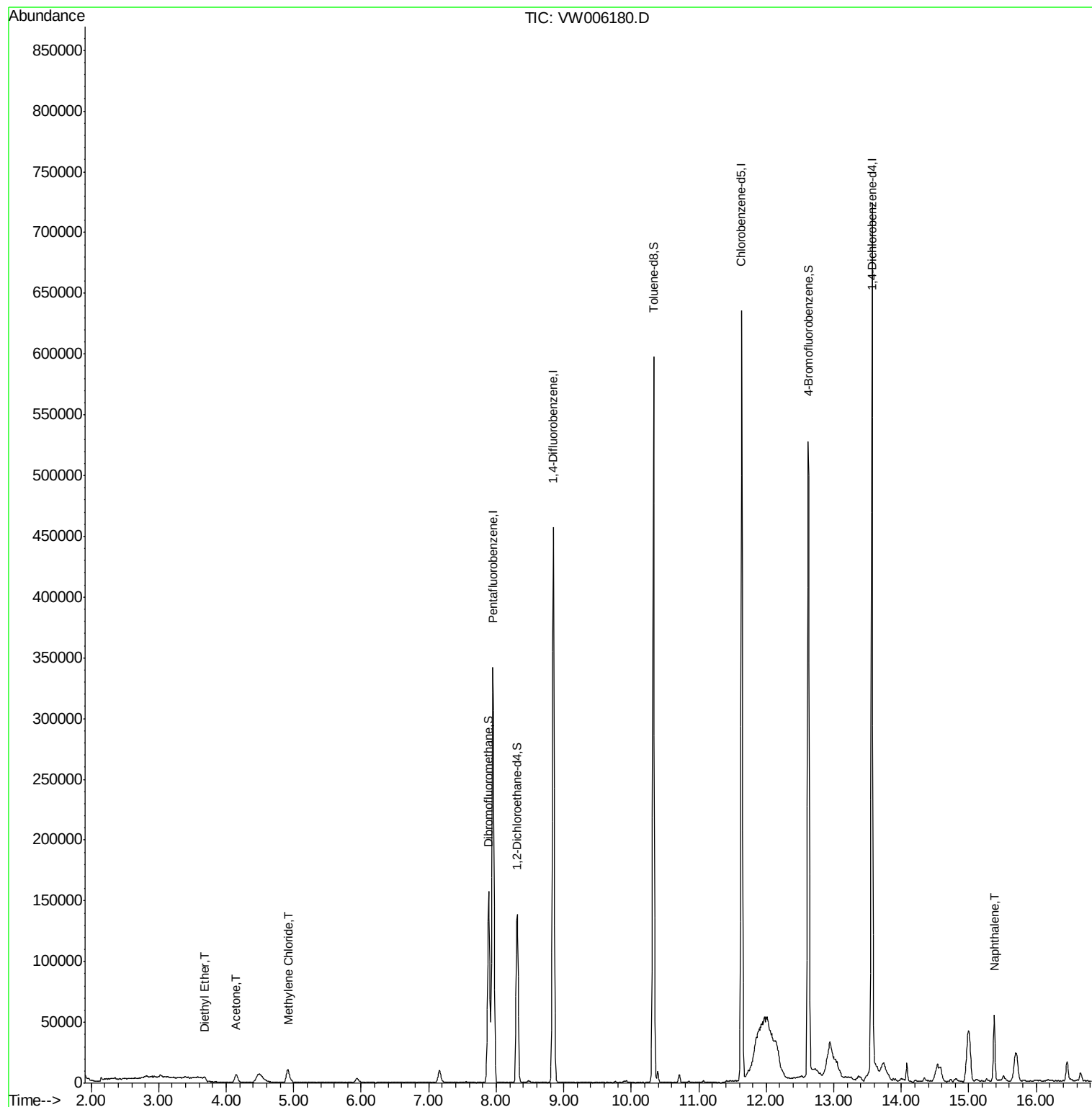
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	404748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110991	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	7.88	113	109952	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
50) Toluene-d8	10.33	98	405474	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
62) 4-Bromofluorobenzene	12.62	95	152614	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
8) Diethyl Ether	3.68	74	2104	1.69	ug/l	77
16) Acetone	4.14	43	13650	18.02	ug/l	95
20) Methylene Chloride	4.92	84	8844	2.09	ug/l	98
95) Naphthalene	15.38	128	48020	6.13	ug/l	99

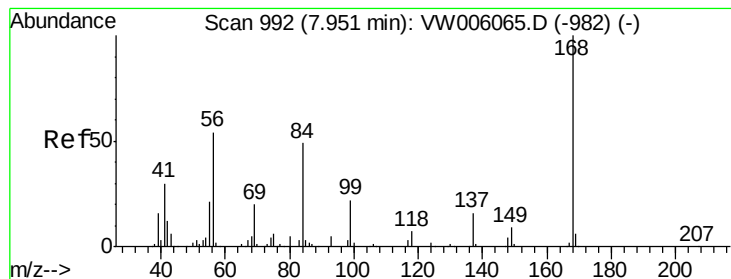
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 07:12:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

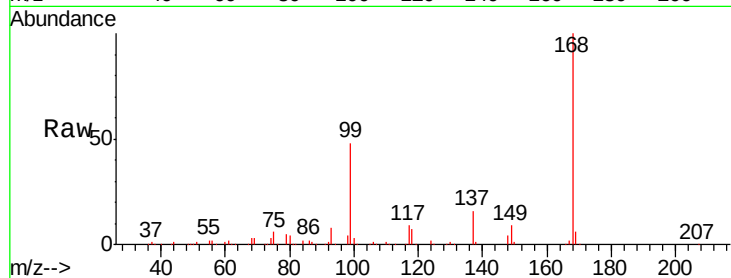
SSSI-1015-S-DH-25-B

Tgt Ion:168 Resp: 276312

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

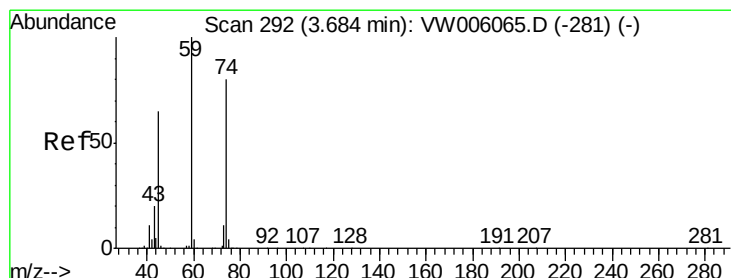
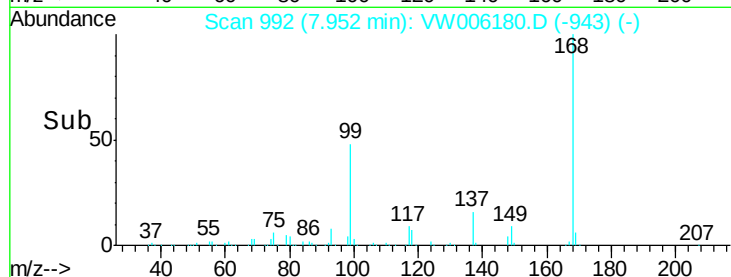
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.69 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006180.D

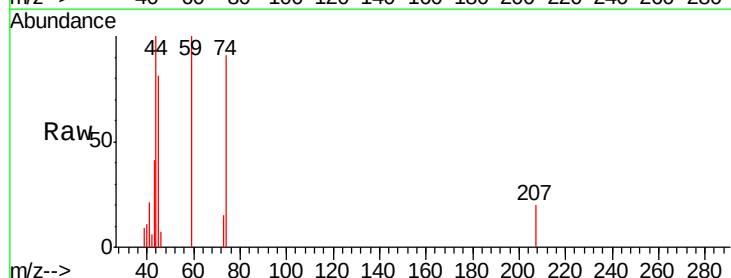
Acq: 18 Oct 2018 17:10

Tgt Ion: 74 Resp: 2104

Ion Ratio Lower Upper

74 100

45 107.0 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

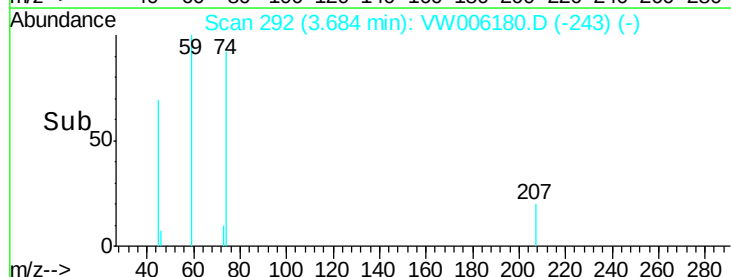
600

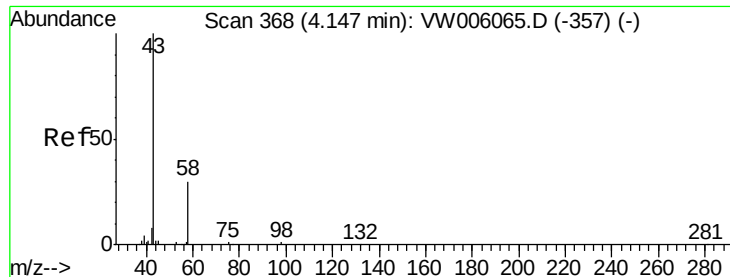
400

200

0

Time-->





#16

Acetone

Concen: 18.02 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

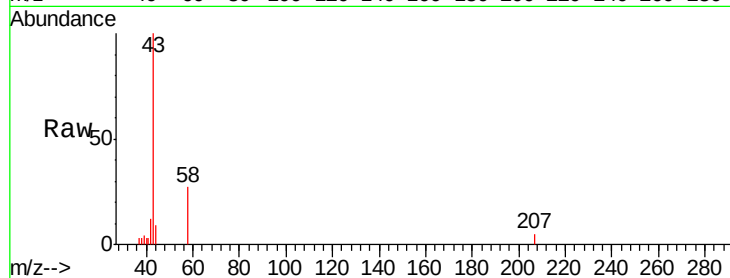
SSSI-1015-S-DH-25-B

Tgt Ion: 43 Resp: 13650

Ion Ratio Lower Upper

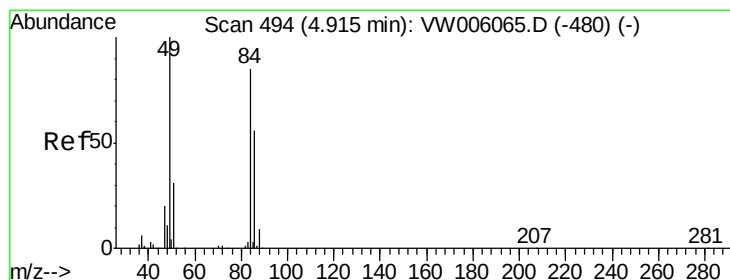
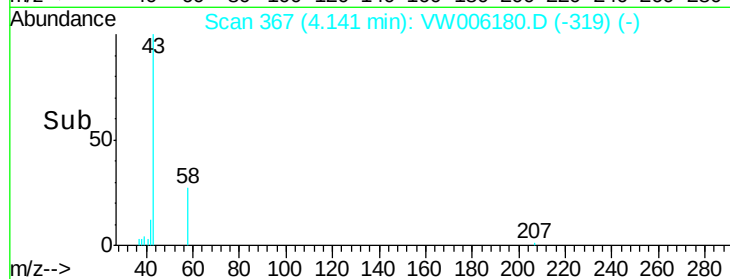
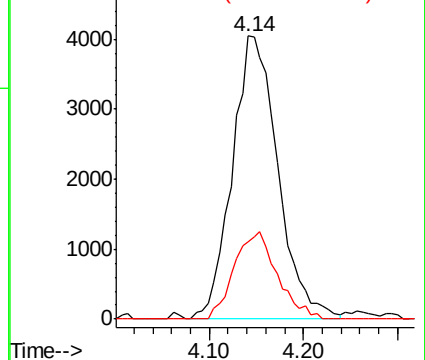
43 100

58 27.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.09 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Tgt Ion: 84 Resp: 8844

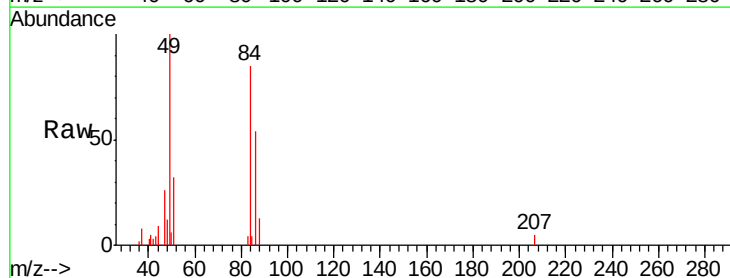
Ion Ratio Lower Upper

84 100

49 118.2 93.6 140.4

51 37.9 29.0 43.4

86 64.0 52.6 79.0

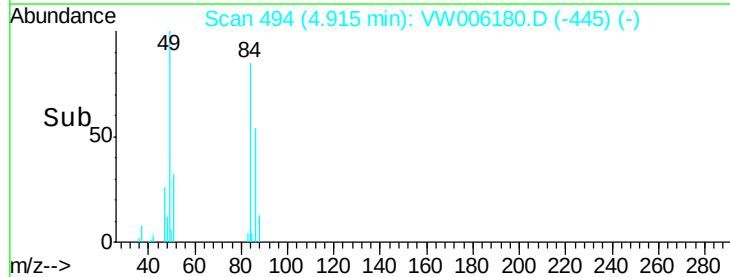
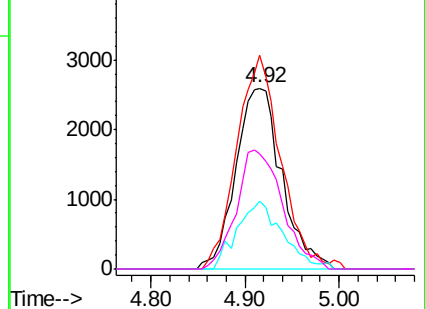


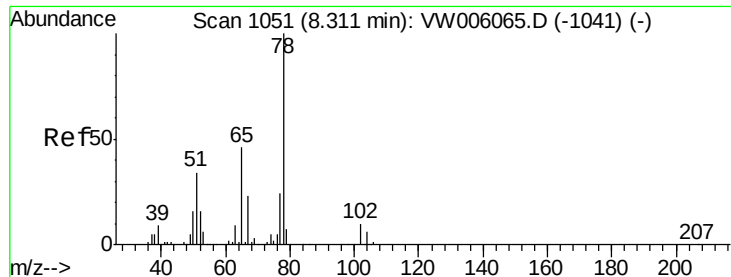
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

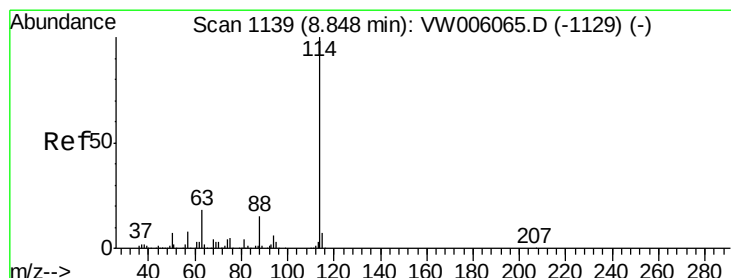
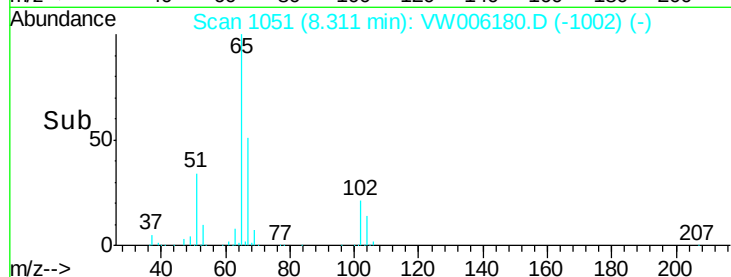
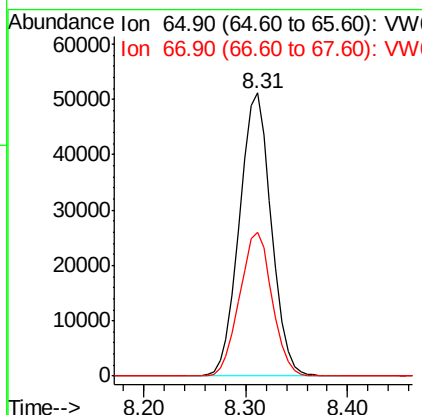
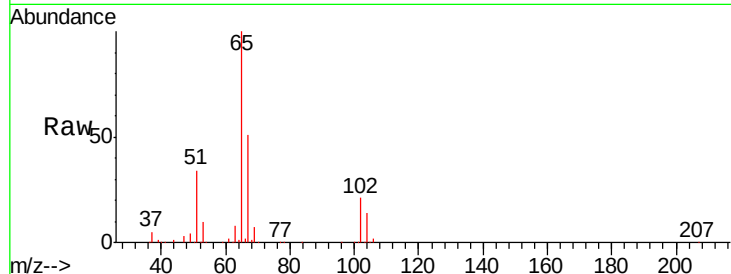




#33
 1,2-Dichloroethane-d4
 Concen: 48.45 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006180.D
 Acq: 18 Oct 2018 17:10

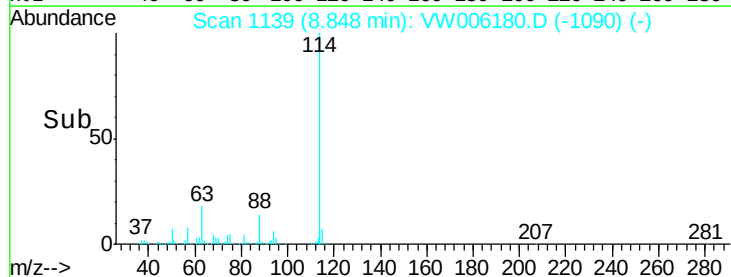
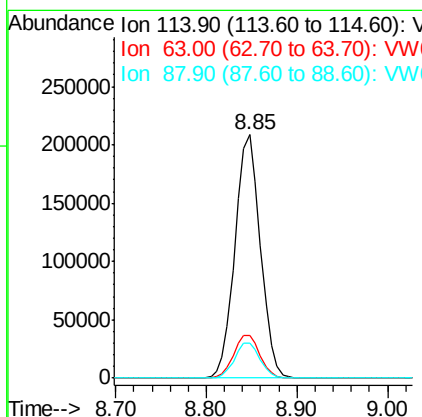
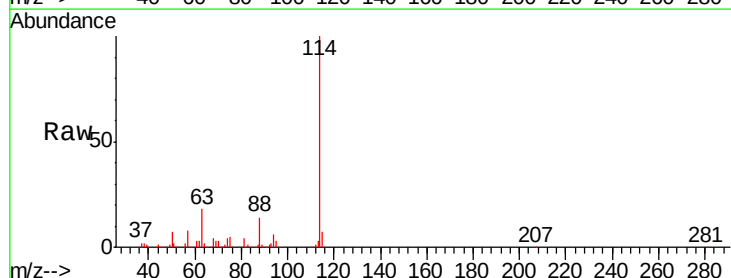
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25-B

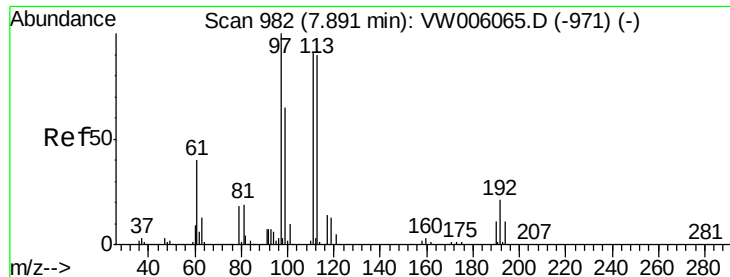
Tgt Ion: 65 Resp: 110991
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006180.D
 Acq: 18 Oct 2018 17:10

Tgt Ion: 114 Resp: 404748
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.97 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25-B

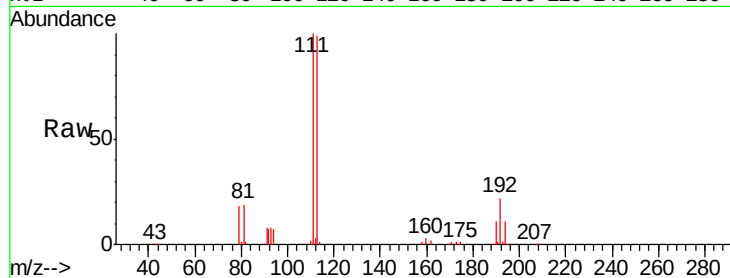
Tgt Ion:113 Resp: 109952

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

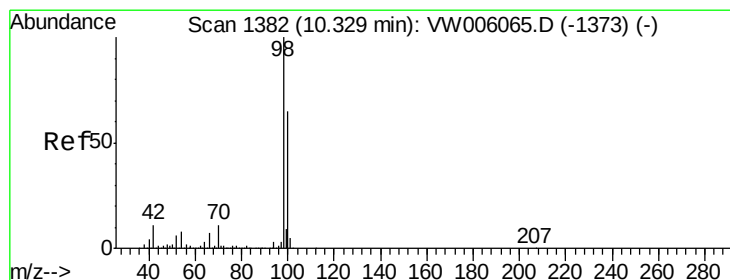
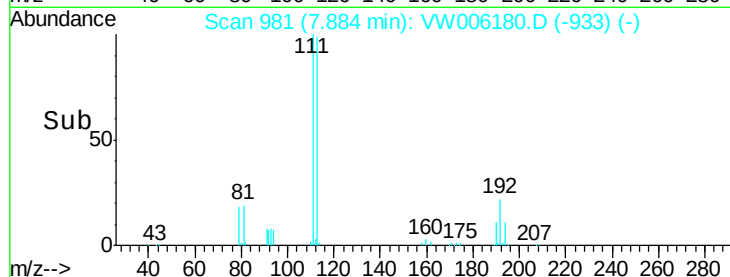
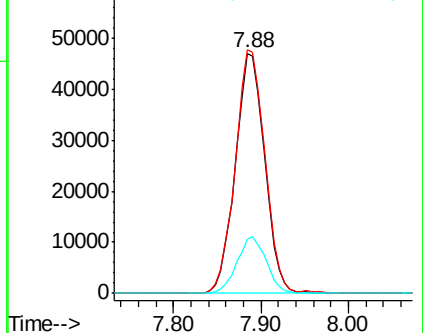
192 23.4 18.7 28.1



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: 44.56 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006180.D

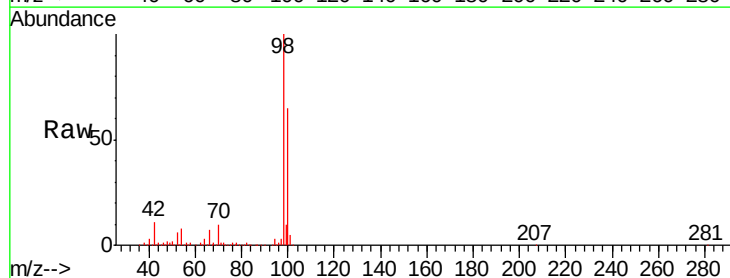
Acq: 18 Oct 2018 17:10

Tgt Ion: 98 Resp: 405474

Ion Ratio Lower Upper

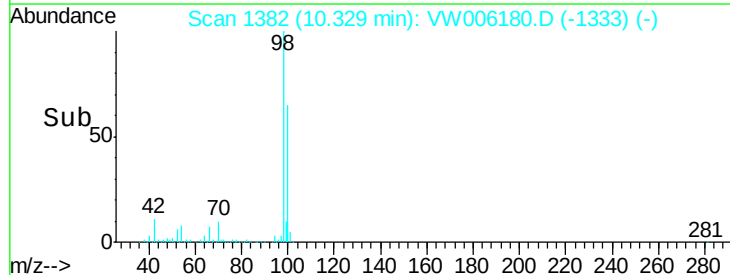
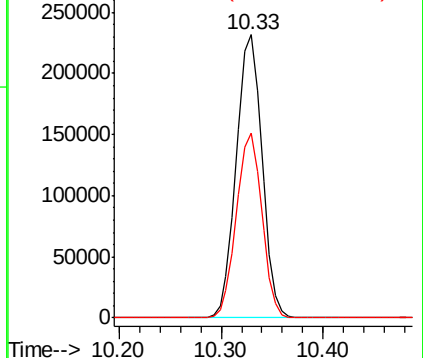
98 100

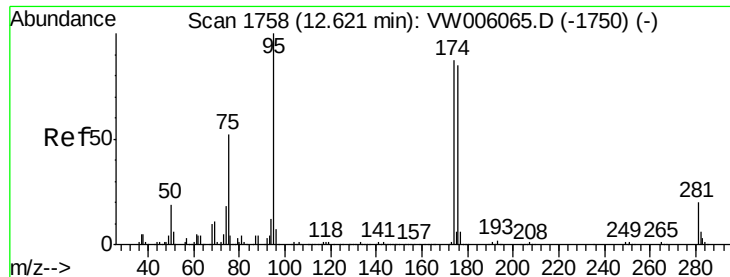
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.66 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25-B

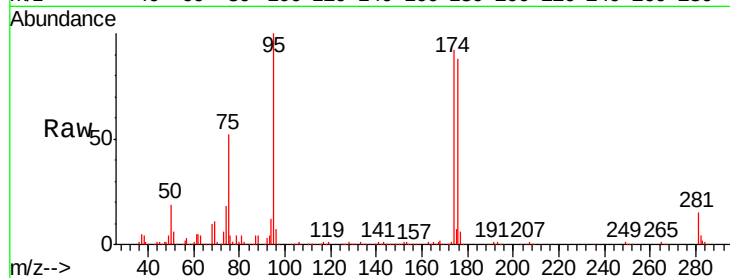
Tgt Ion: 95 Resp: 152614

Ion Ratio Lower Upper

95 100

174 94.7 0.0 186.0

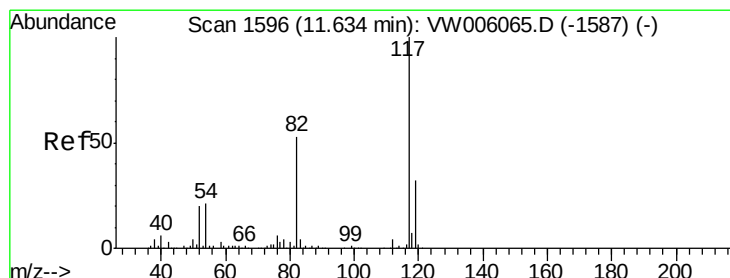
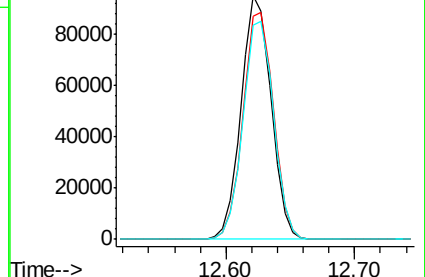
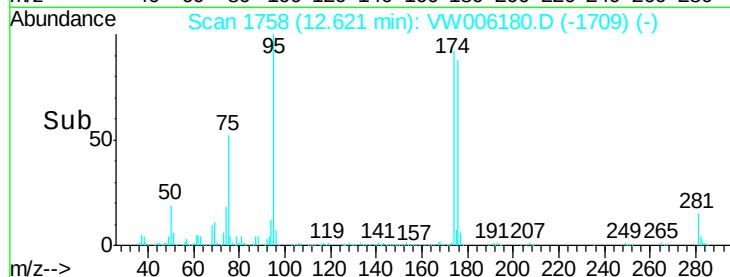
176 91.5 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006180.D

Acq: 18 Oct 2018 17:10

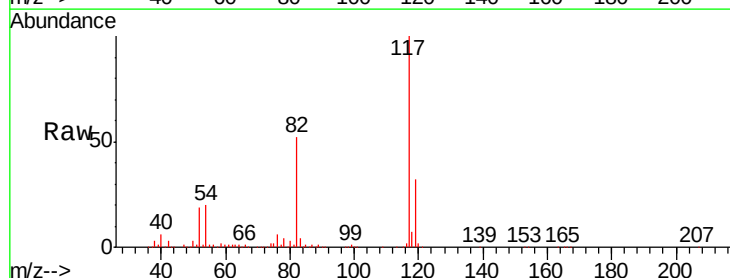
Tgt Ion: 117 Resp: 366558

Ion Ratio Lower Upper

117 100

82 52.2 42.1 63.1

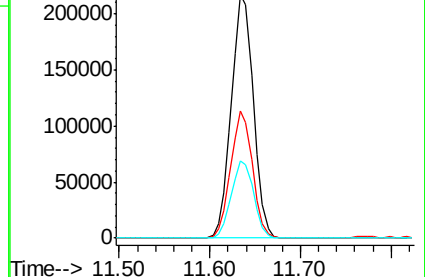
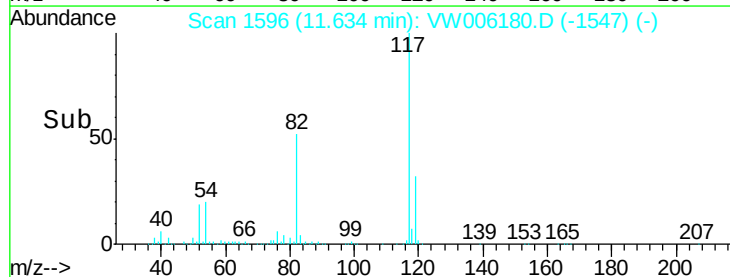
119 31.6 25.8 38.6

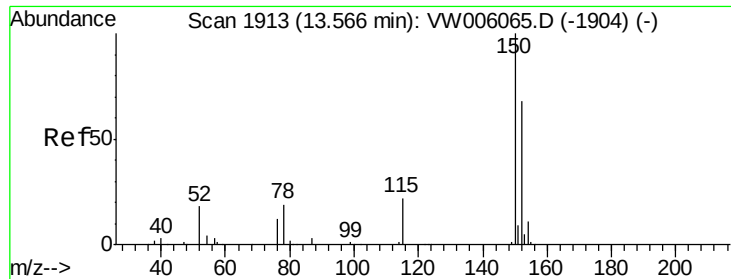


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

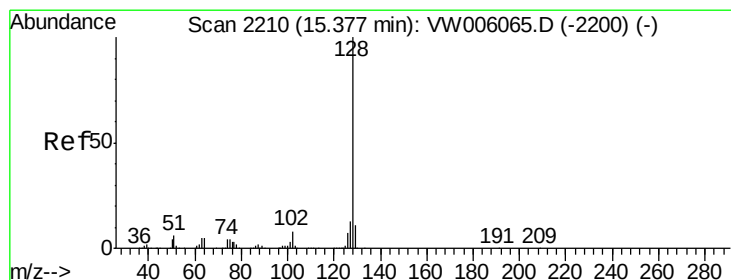
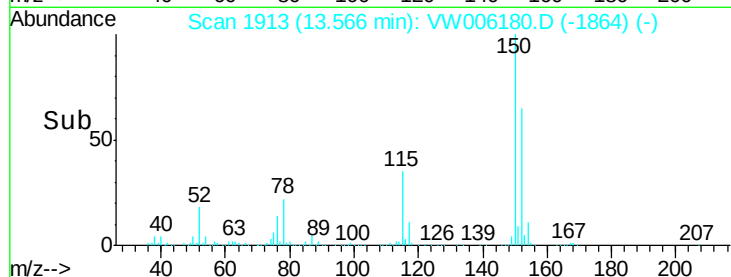
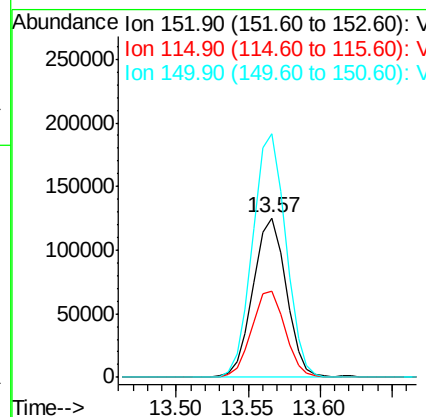
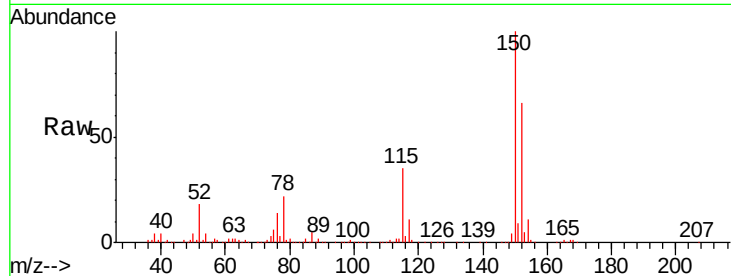




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006180.D
 Acq: 18 Oct 2018 17:10

Instrument :
 MSVOA_W
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 SSSI-1015-S-DH-25-B

Tgt Ion:152 Resp: 199244
 Ion Ratio Lower Upper
 152 100
 115 55.2 27.8 83.3
 150 153.3 0.0 349.2



#95
 Naphthalene
 Concen: 6.13 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006180.D
 Acq: 18 Oct 2018 17:10

Tgt Ion:128 Resp: 48020
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.3 15.5
 129 10.5 8.7 13.1

