

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101618\
 Data File : VW006075.D
 Acq On : 16 Oct 2018 13:44
 Operator : VA/AP
 Sample : J5516-01
 Misc : 6.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1011-S-DH-32

Quant Time: Oct 16 15:38:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

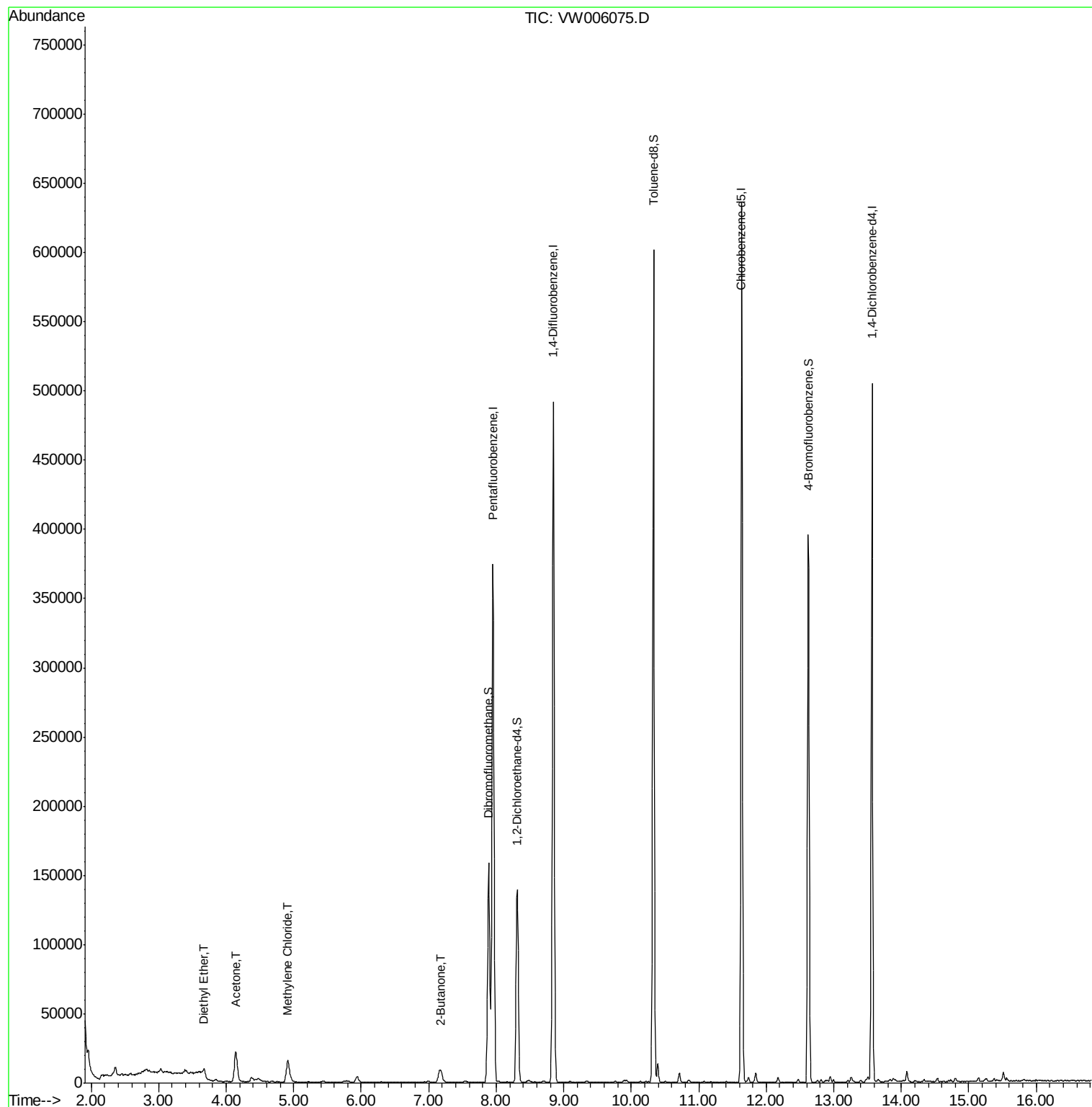
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	438488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108104	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
35) Dibromofluoromethane	7.89	113	109943	42.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.86%	
50) Toluene-d8	10.33	98	406677	41.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.52%	
62) 4-Bromofluorobenzene	12.62	95	118896	32.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.22%	
Target Compounds						
8) Diethyl Ether	3.67	74	2907	2.126	ug/l	72
16) Acetone	4.14	43	43508	82.214	ug/l	97
20) Methylene Chloride	4.91	84	12823	3.295	ug/l	96
25) 2-Butanone	7.18	43	10438	15.353	ug/l	98

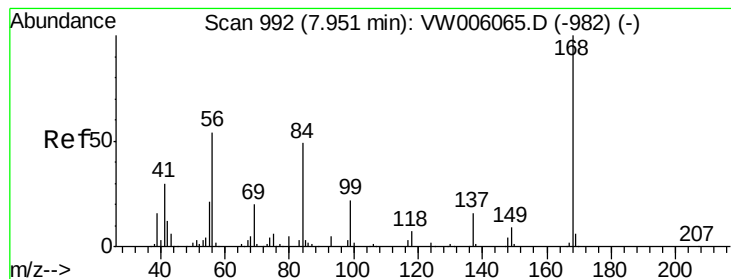
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101618\
Data File : VW006075.D
Acq On : 16 Oct 2018 13:44
Operator : VA/AP
Sample : J5516-01
Misc : 6.01G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1011-S-DH-32

Quant Time: Oct 16 15:38:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006075.D

Acq: 16 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

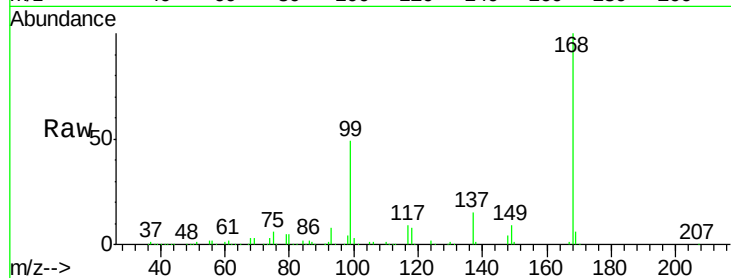
SSSI-1011-S-DH-32

Tgt Ion:168 Resp: 303560

Ion Ratio Lower Upper

168 100

99 48.8 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

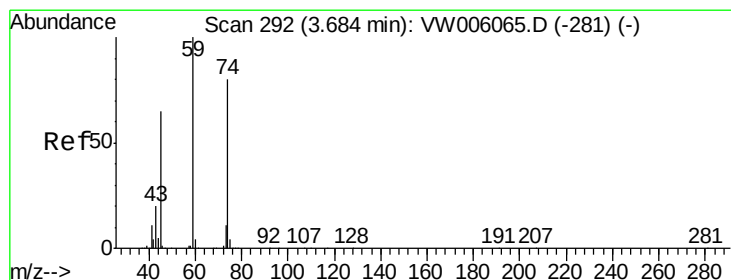
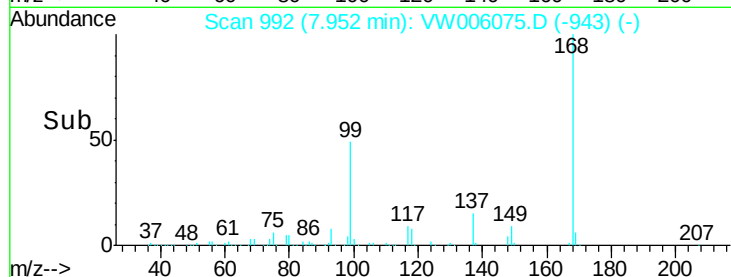
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.126 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006075.D

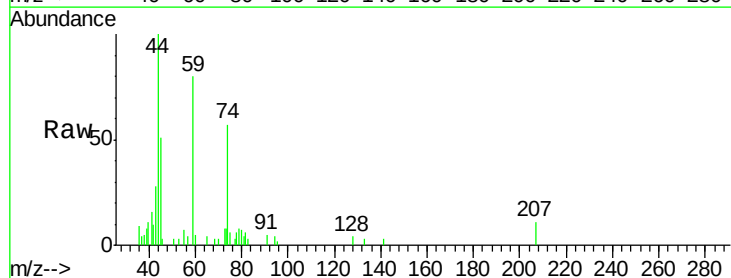
Acq: 16 Oct 2018 13:44

Tgt Ion: 74 Resp: 2907

Ion Ratio Lower Upper

74 100

45 110.9 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

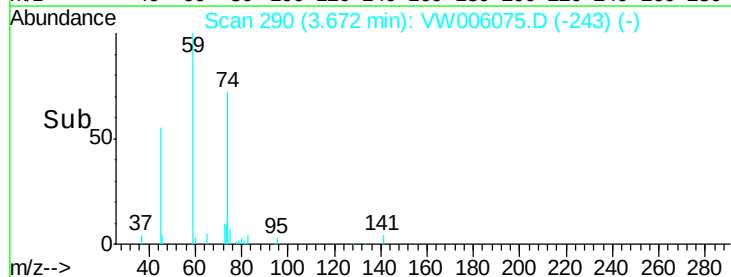
3.67

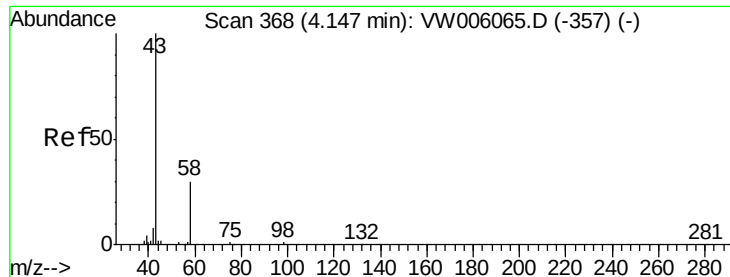
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 82.214 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006075.D

Acq: 16 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

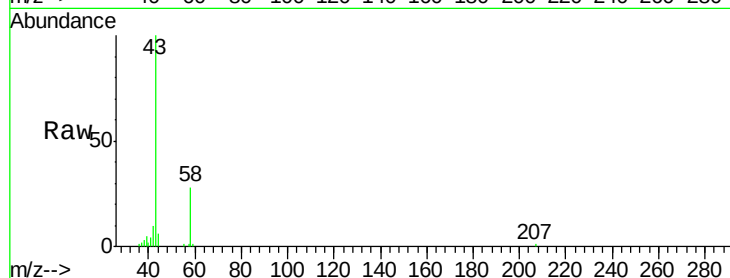
SSSI-1011-S-DH-32

Tgt Ion: 43 Resp: 43508

Ion Ratio Lower Upper

43 100

58 28.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

15000

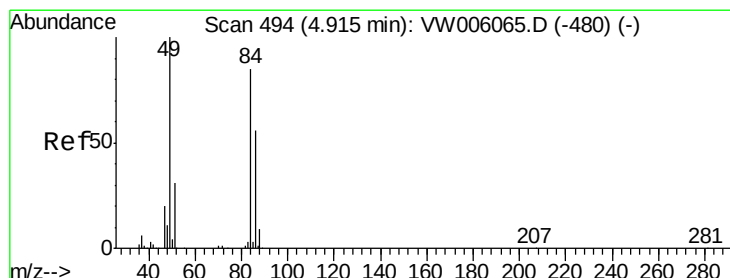
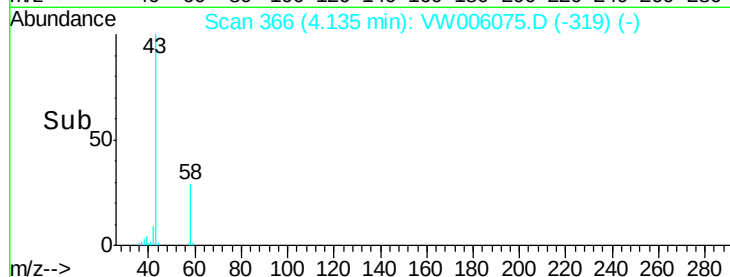
10000

5000

0

Time-->

4.00 4.10 4.20 4.30



#20

Methylene Chloride

Concen: 3.295 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006075.D

Acq: 16 Oct 2018 13:44

Tgt Ion: 84 Resp: 12823

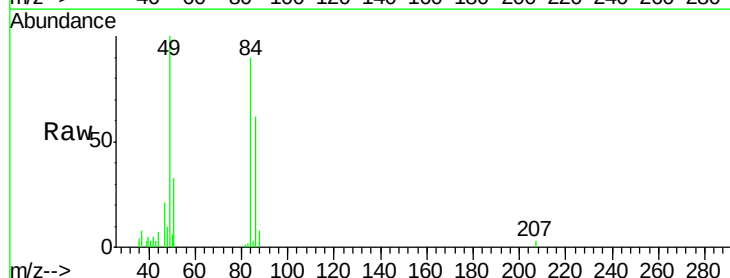
Ion Ratio Lower Upper

84 100

49 111.1 93.6 140.4

51 36.8 29.0 43.4

86 68.4 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

6000

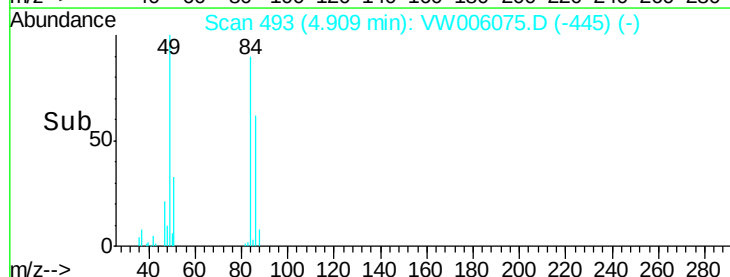
4000

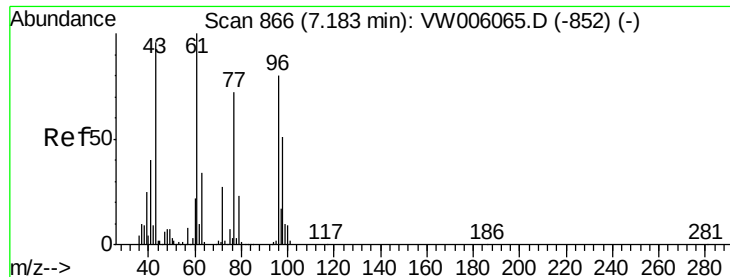
2000

0

Time-->

4.80 4.90 5.00





#25

2-Butanone

Concen: 15.353 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006075.D

Acq: 16 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

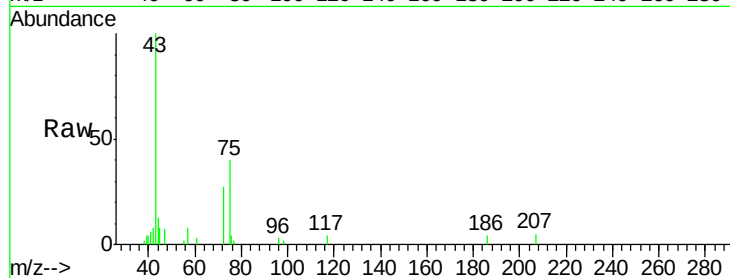
SSSI-1011-S-DH-32

Tgt Ion: 43 Resp: 10438

Ion Ratio Lower Upper

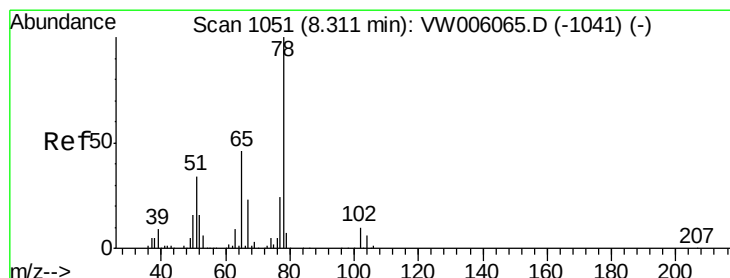
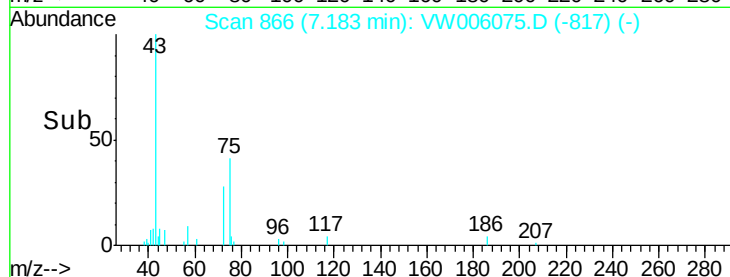
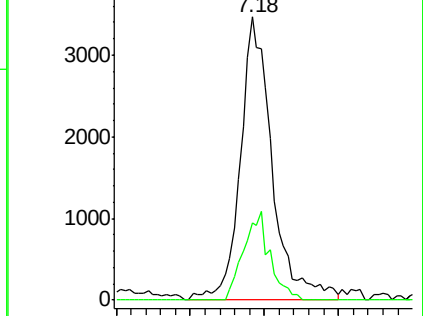
43 100

72 27.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 42.955 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006075.D

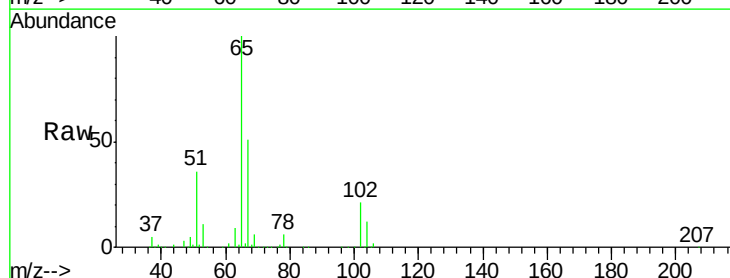
Acq: 16 Oct 2018 13:44

Tgt Ion: 65 Resp: 108104

Ion Ratio Lower Upper

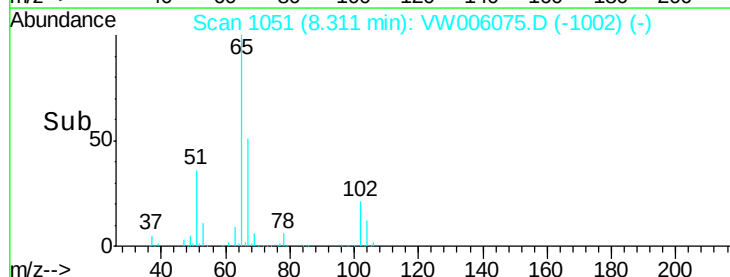
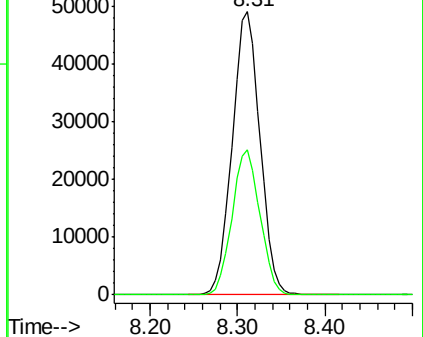
65 100

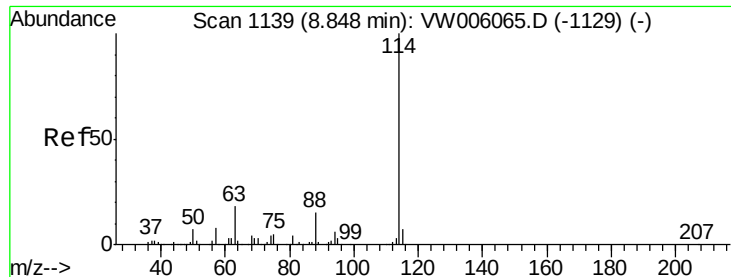
67 51.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006075.D

Acq: 16 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1011-S-DH-32

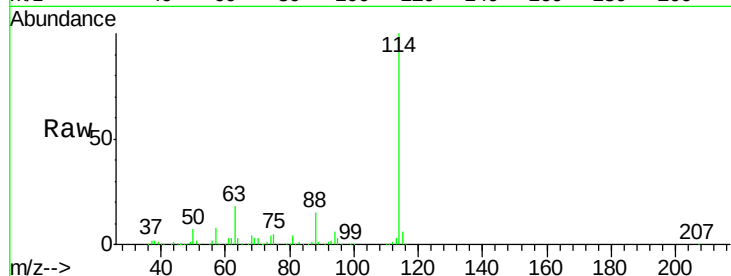
Tgt Ion:114 Resp: 438488

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

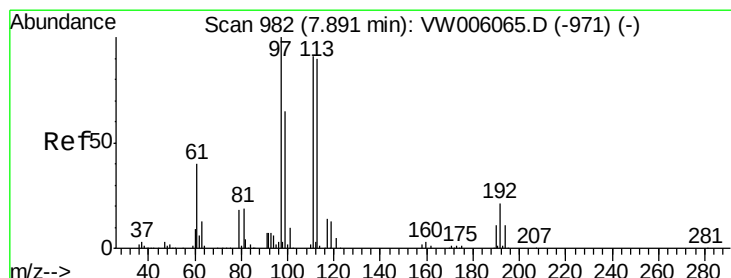
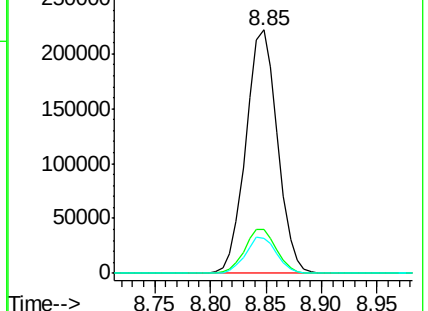
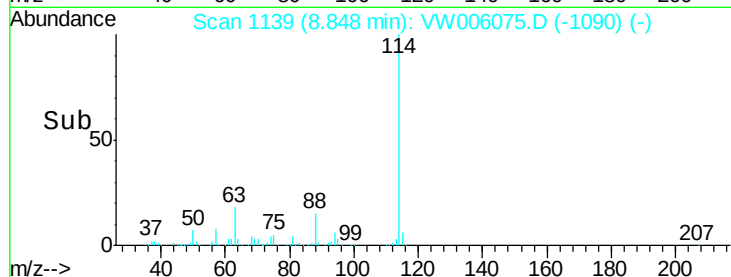
88 14.5 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 42.433 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006075.D

Acq: 16 Oct 2018 13:44

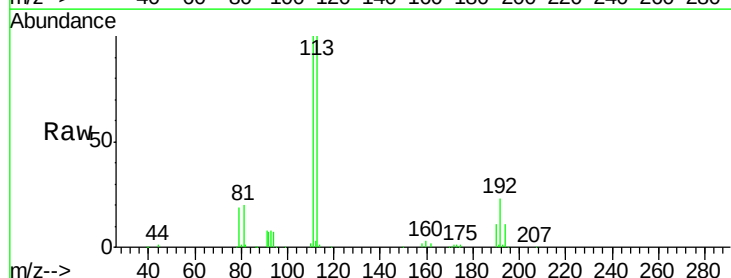
Tgt Ion:113 Resp: 109943

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

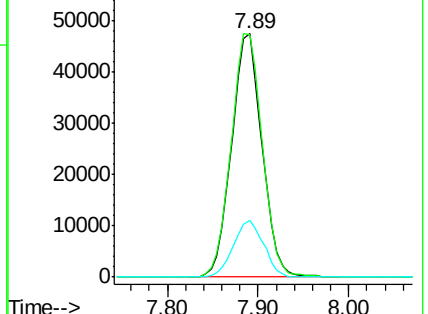
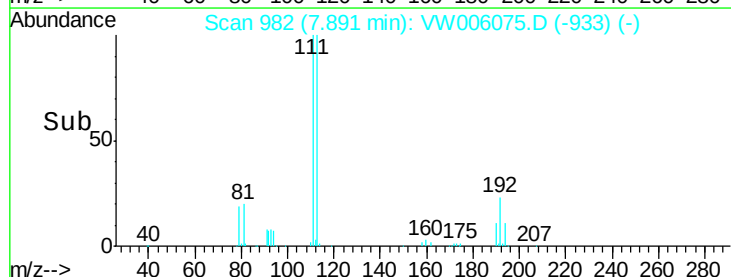
192 23.3 18.7 28.1

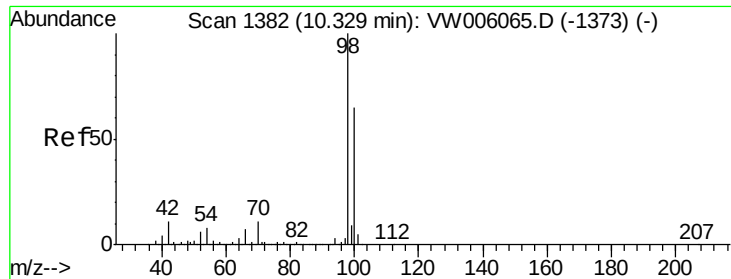


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.256 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006075.D

Acq: 16 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

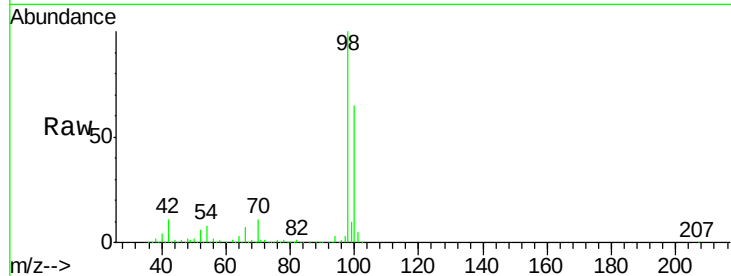
SSSI-1011-S-DH-32

Tgt Ion: 98 Resp: 406677

Ion Ratio Lower Upper

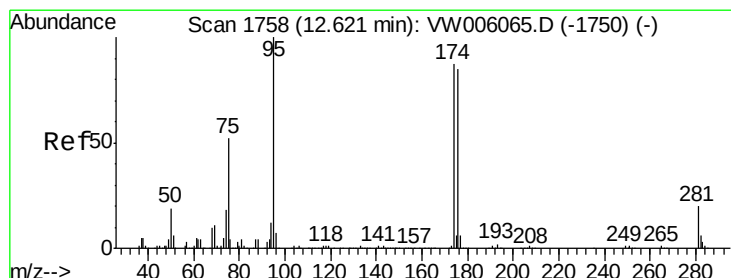
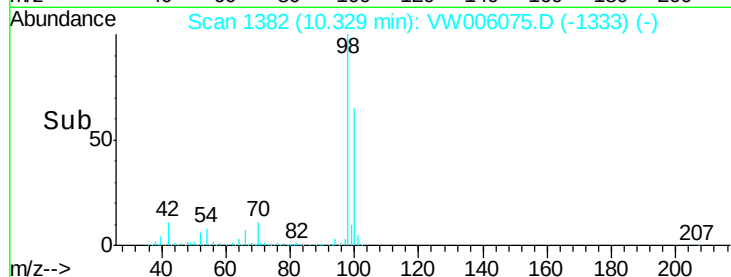
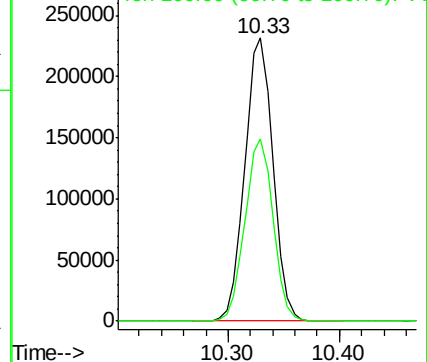
98 100

100 64.2 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: 32.114 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006075.D

Acq: 16 Oct 2018 13:44

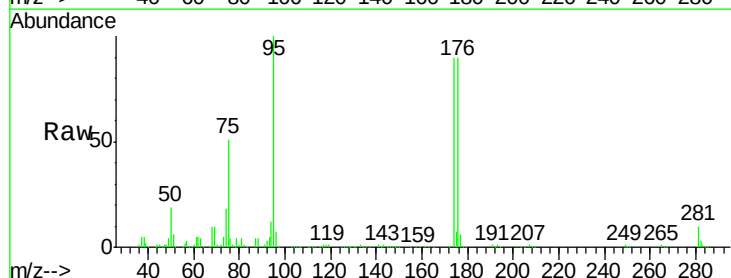
Tgt Ion: 95 Resp: 118896

Ion Ratio Lower Upper

95 100

174 94.7 0.0 186.0

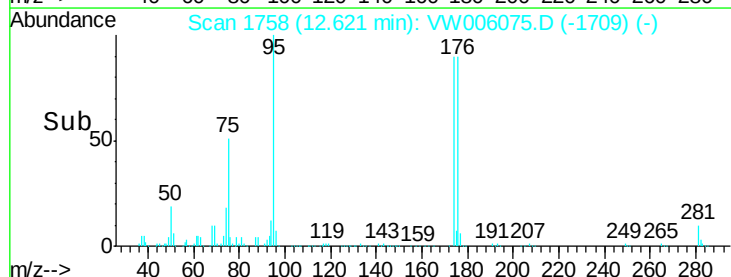
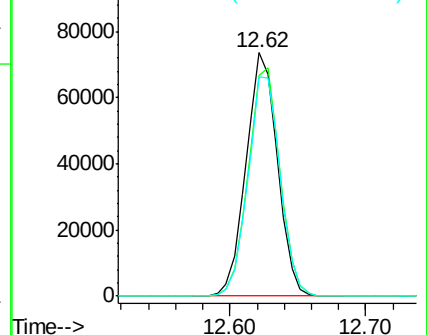
176 92.8 0.0 181.6

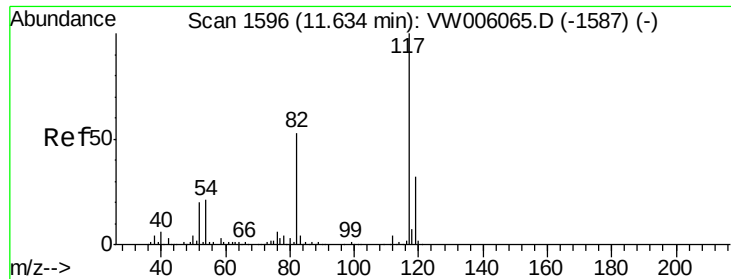


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

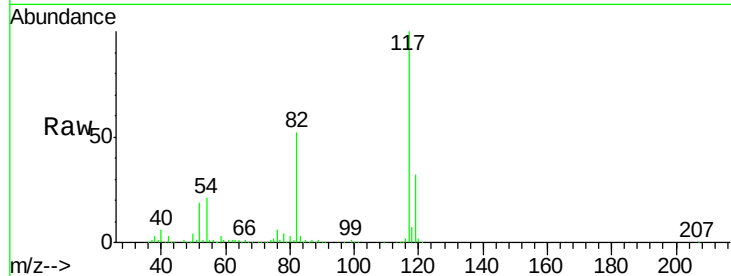




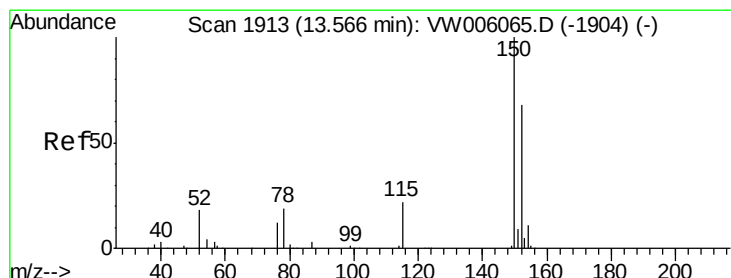
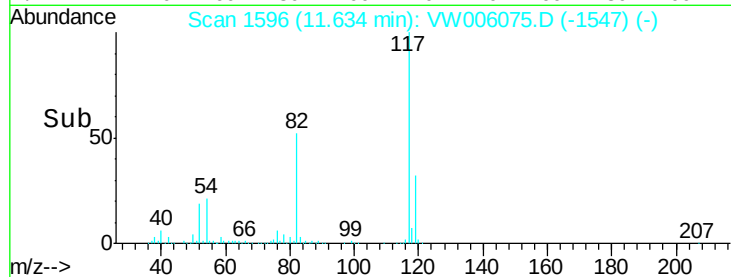
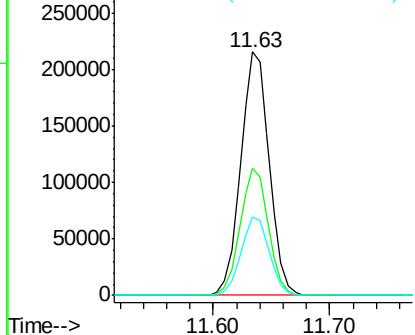
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006075.D
Acq: 16 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1011-S-DH-32

Tgt Ion:117 Resp: 364573
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 32.5 25.8 38.6

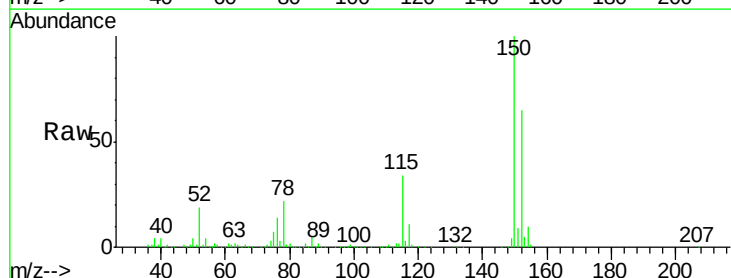


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006075.D
Acq: 16 Oct 2018 13:44

Tgt Ion:152 Resp: 137662
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.3
150 155.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

