

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006228.D
 Acq On : 19 Oct 2018 16:37
 Operator : VA/AP
 Sample : J5585-03RE
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1017-S-DH-19RE

Quant Time: Oct 20 02:01:18 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

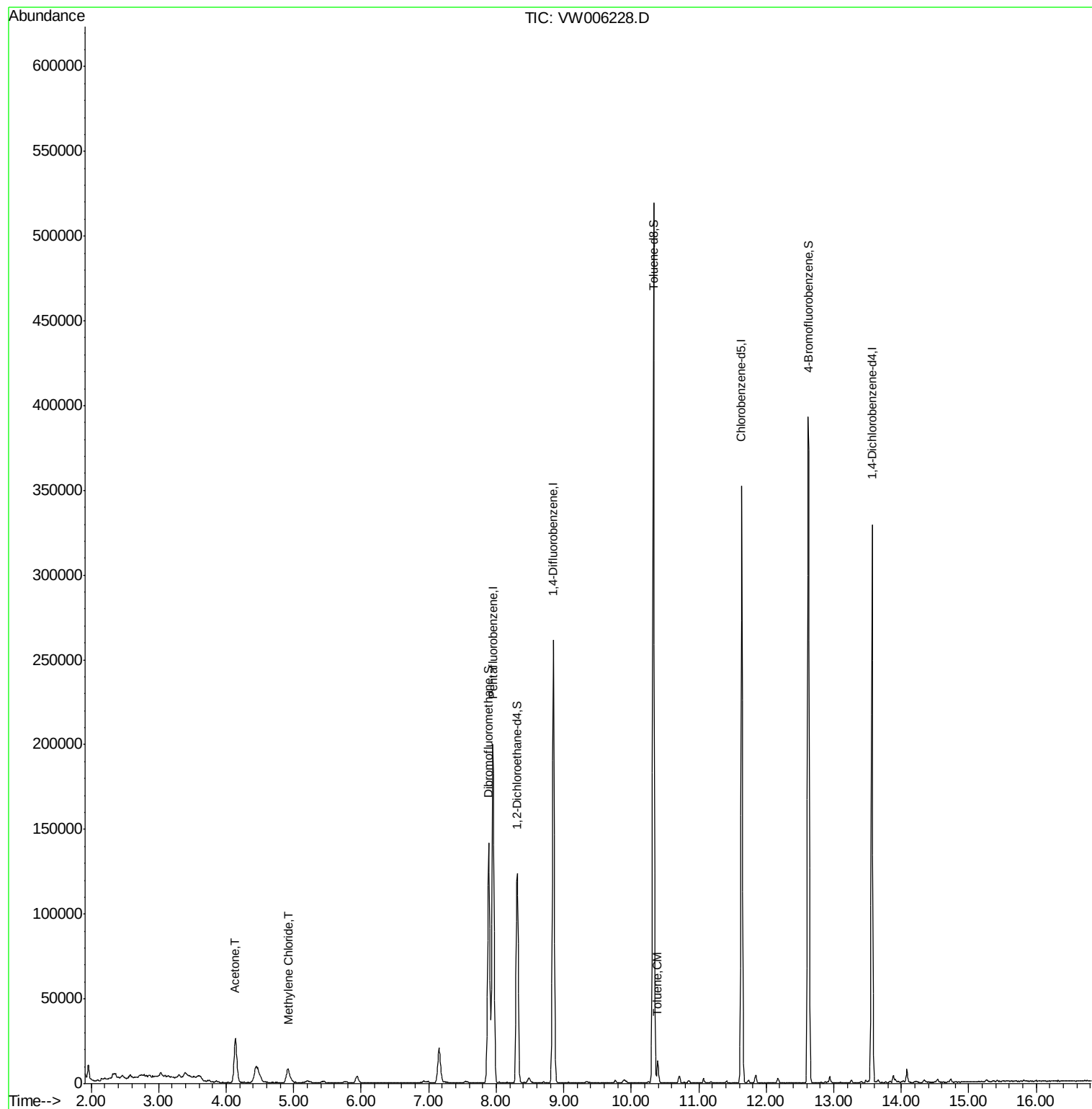
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	160765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	231371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	200300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	90903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100952	75.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.48%	
35) Dibromofluoromethane	7.89	113	97881	71.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.18%	
50) Toluene-d8	10.33	98	353773	68.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.04%	
62) 4-Bromofluorobenzene	12.62	95	119095	60.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.92%	
Target Compounds						
16) Acetone	4.14	43	47948	188.089	ug/l	99
20) Methylene Chloride	4.92	84	6884	3.363	ug/l #	88
52) Toluene	10.39	92	5447	1.389	ug/l	98

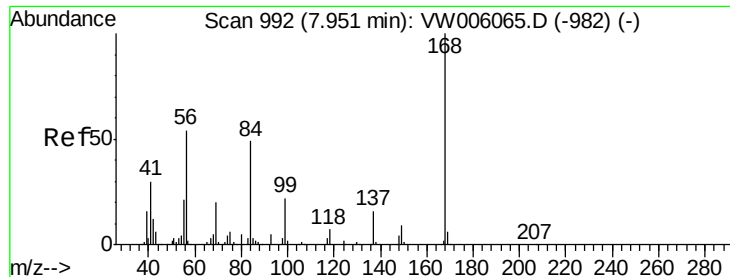
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 20 02:01:18 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: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

Instrument :

MSVOA_W

ClientSampleId :

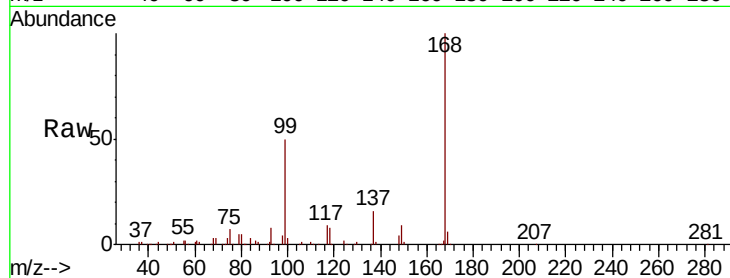
SSSI-1017-S-DH-19RE

Tot Ion:168 Resp: 160765

Ion Ratio Lower Upper

168 100

99 49.7 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

80000

60000

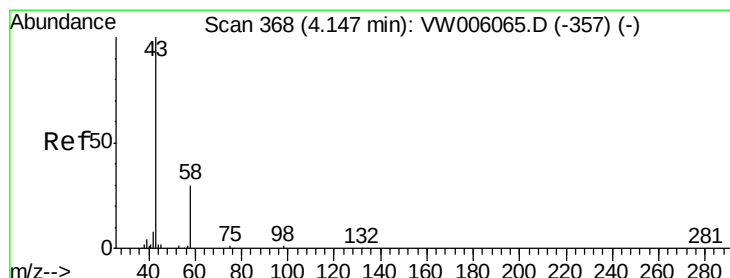
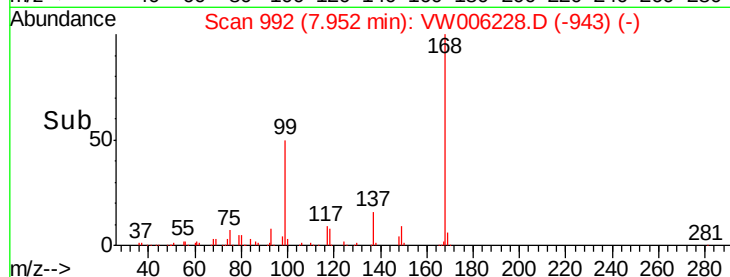
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 188.089 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006228.D

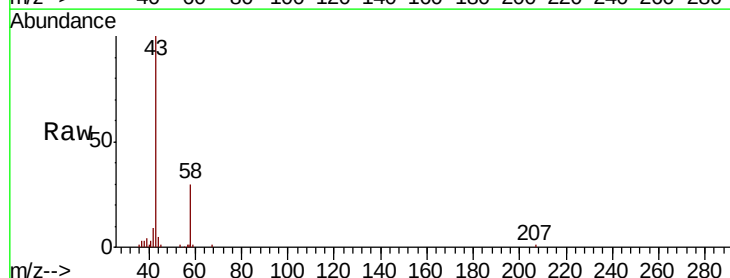
Acq: 19 Oct 2018 16:37

Tgt Ion: 43 Resp: 47948

Ion Ratio Lower Upper

43 100

58 30.4 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

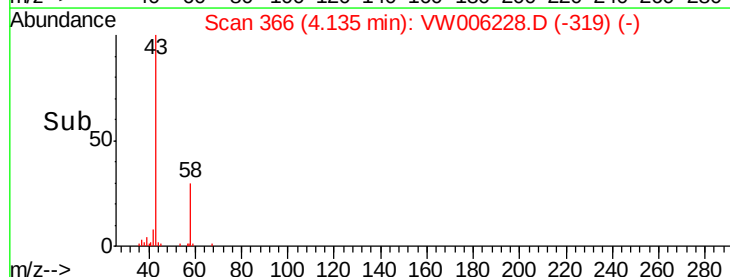
10000

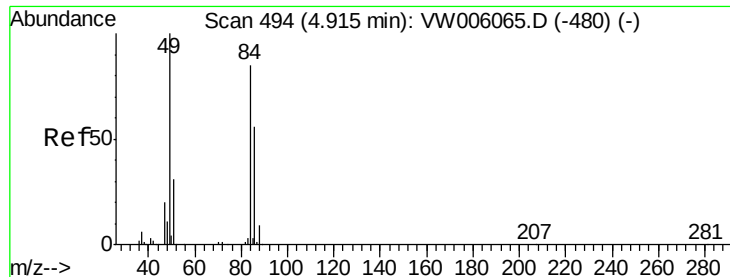
5000

0

4.00 4.10 4.20

Time-->

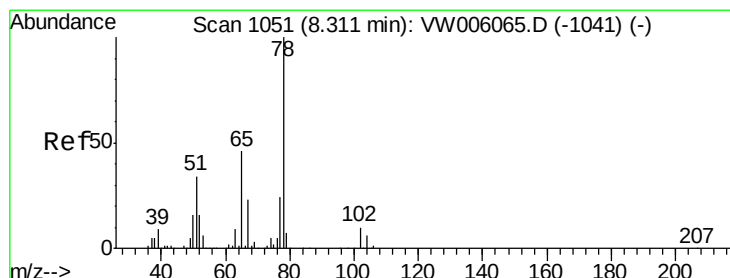
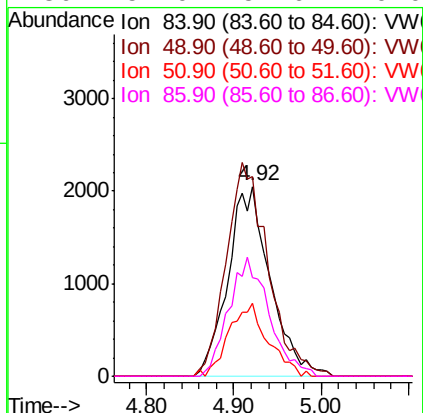
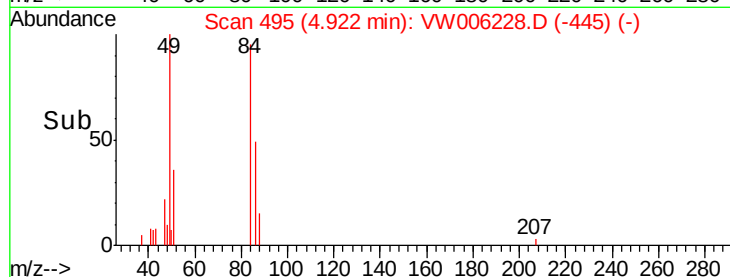
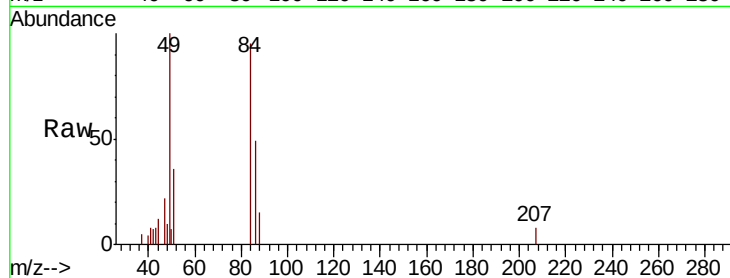




#20
Methylene Chloride
Concen: 3.363 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006228.D
Acq: 19 Oct 2018 16:37

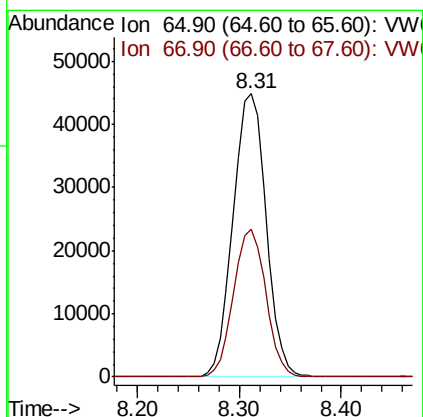
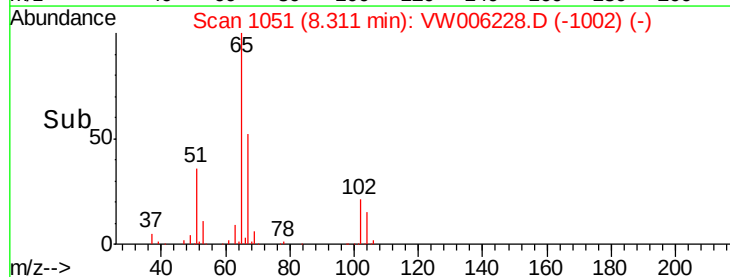
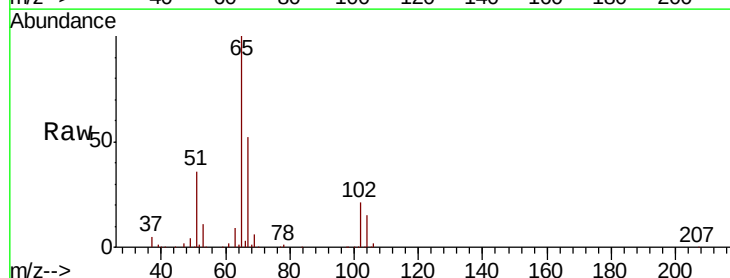
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1017-S-DH-19RE

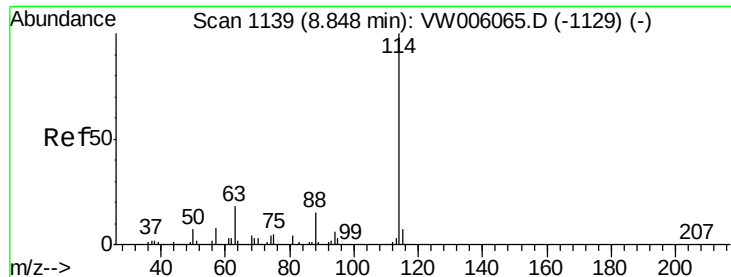
Tot Ion: 84 Resp: 6884
Ion Ratio Lower Upper
84 100
49 105.2 93.6 140.4
51 38.3 29.0 43.4
86 52.0 52.6 79.0#



#33
1,2-Dichloroethane-d4
Concen: 75.743 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006228.D
Acq: 19 Oct 2018 16:37

Tgt Ion: 65 Resp: 100952
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.0

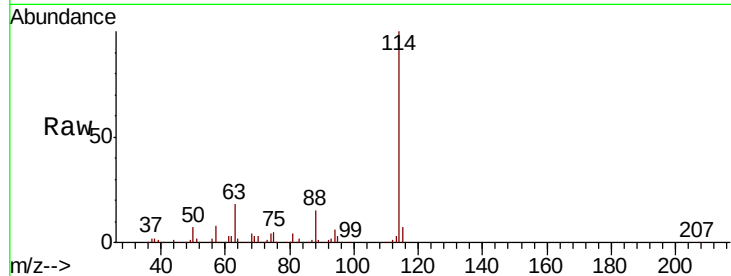




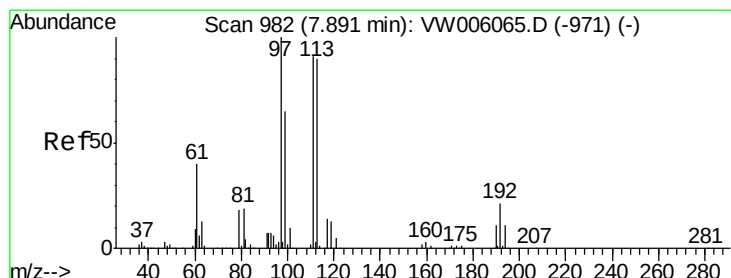
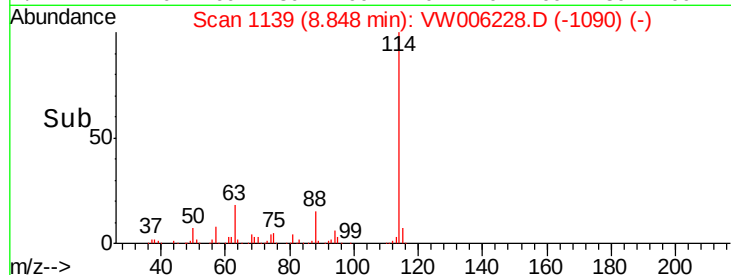
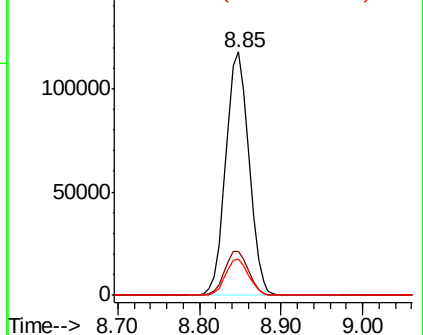
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006228.D
 Acq: 19 Oct 2018 16:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1017-S-DH-19RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.8
88	15.1	0.0	29.0

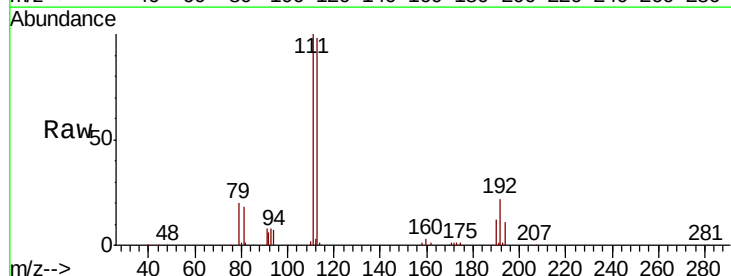


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

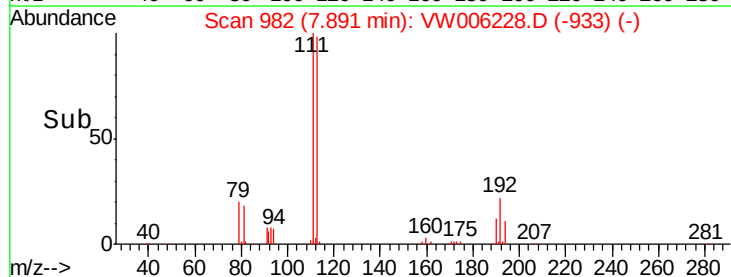
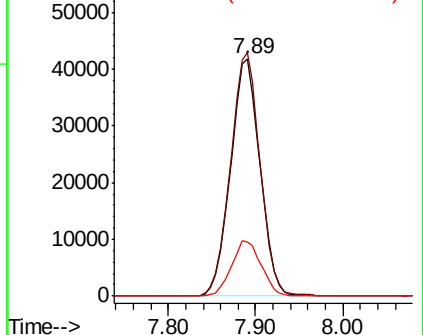


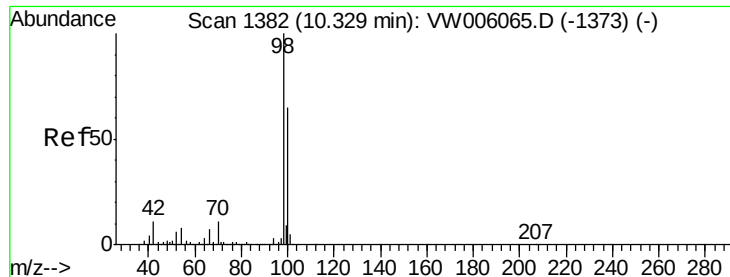
#35
 Dibromofluoromethane
 Concen: 71.594 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006228.D
 Acq: 19 Oct 2018 16:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	23.5	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: 68.015 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

Instrument :

MSVOA_W

ClientSampleId :

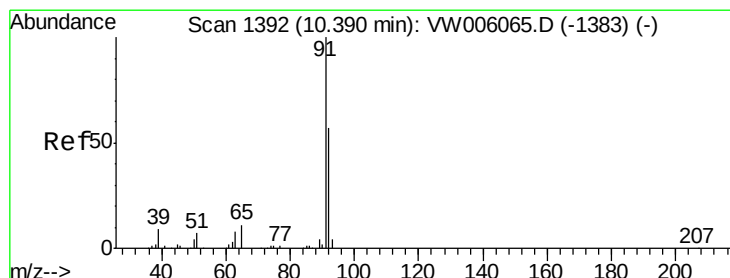
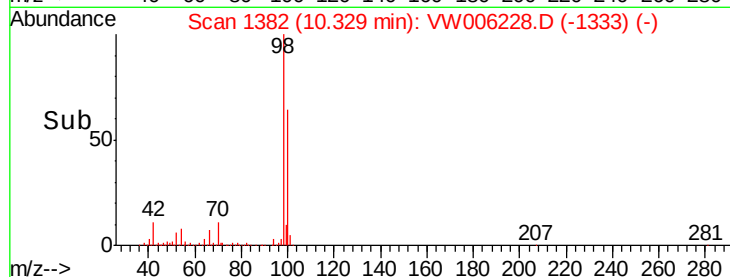
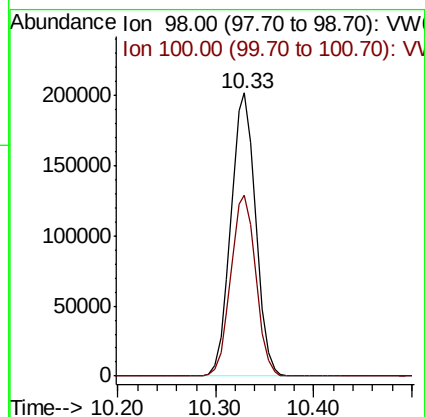
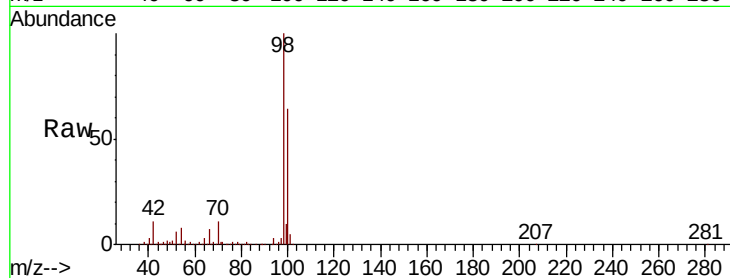
SSSI-1017-S-DH-19RE

Tot Ion: 98 Resp: 353773

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#52

Toluene

Concen: 1.389 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006228.D

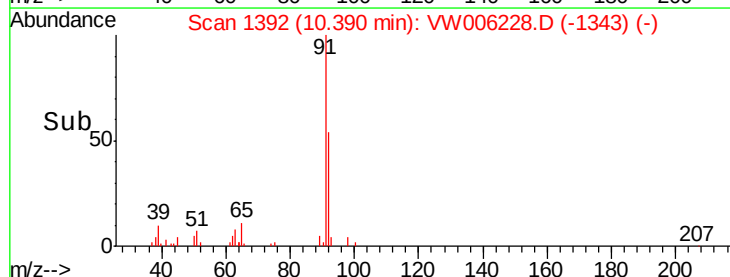
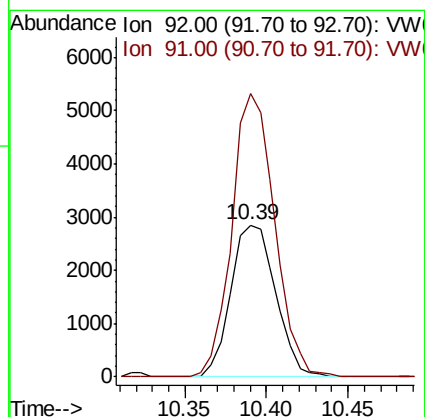
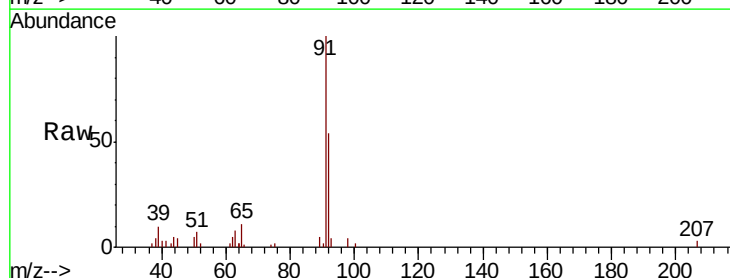
Acq: 19 Oct 2018 16:37

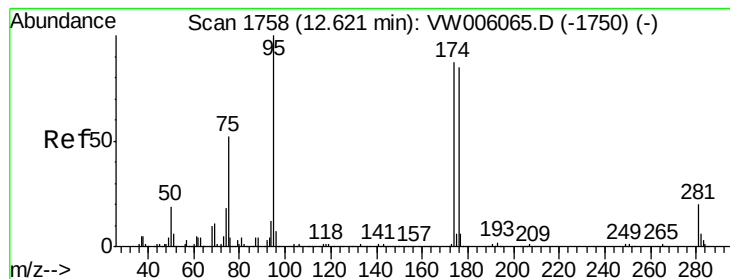
Tgt Ion: 92 Resp: 5447

Ion Ratio Lower Upper

92 100

91 177.9 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 60.963 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1017-S-DH-19RE

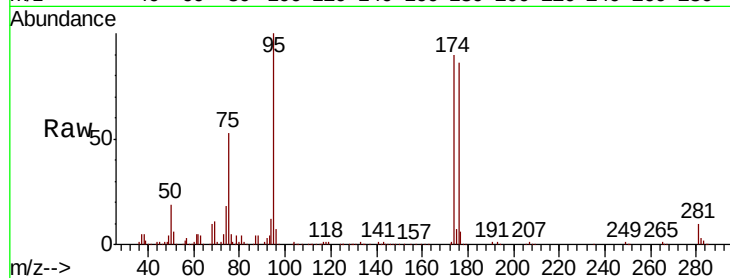
Tot Ion: 95 Resp: 119095

Ion Ratio Lower Upper

95 100

174 94.1 0.0 186.0

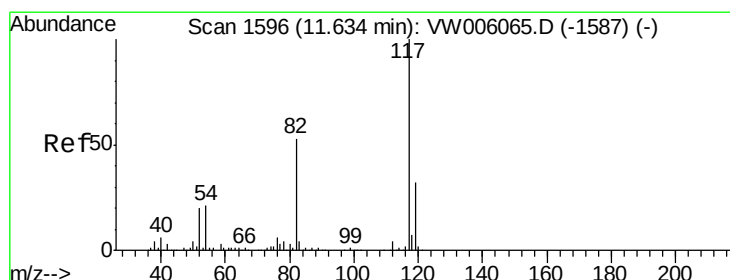
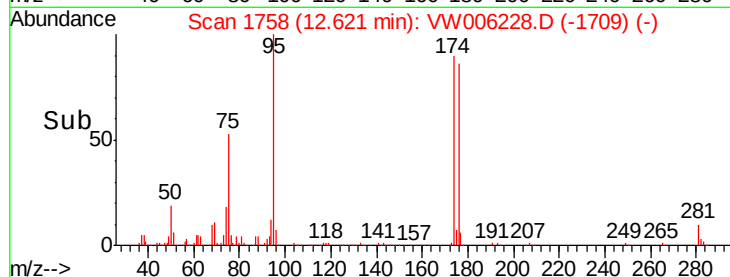
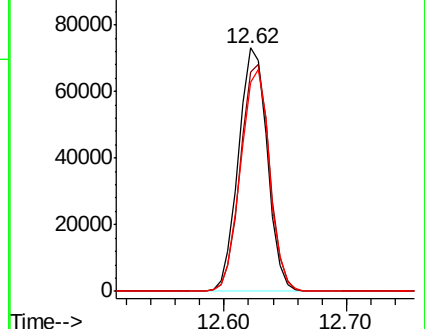
176 91.7 0.0 181.6



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: VW006228.D

Acq: 19 Oct 2018 16:37

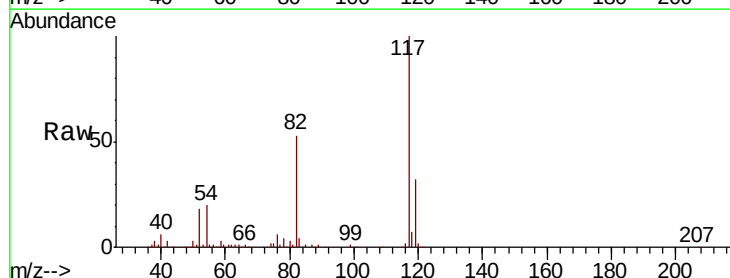
Tgt Ion: 117 Resp: 200300

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

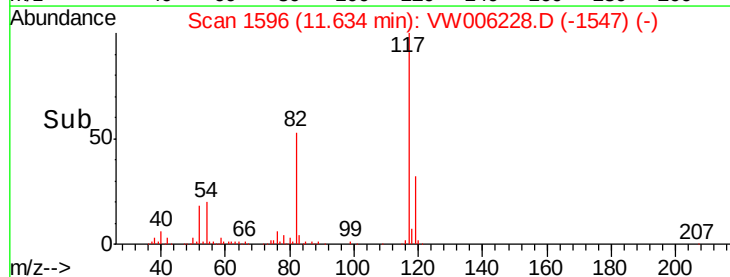
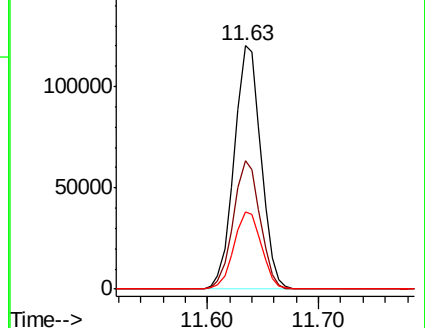
119 31.8 25.8 38.6

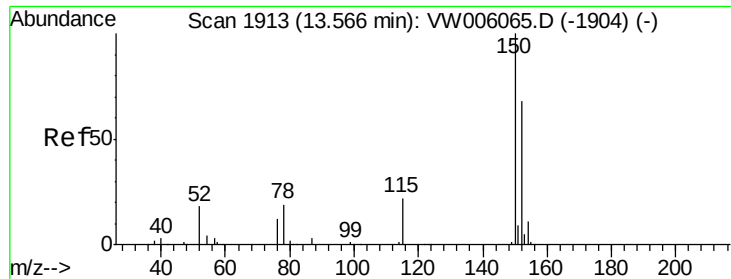


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1017-S-DH-19RE

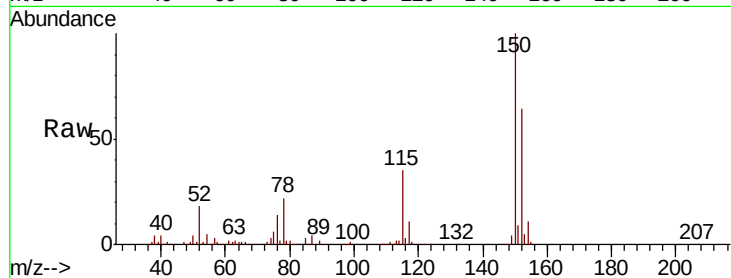
Tot Ion:152 Resp: 90903

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

150 158.4 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

