

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005269.D
 Acq On : 11 Sep 2018 12:29
 Operator : SY/AP
 Sample : J4779-03
 Misc : 5.73G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-090618-B

Quant Time: Sep 11 13:06:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

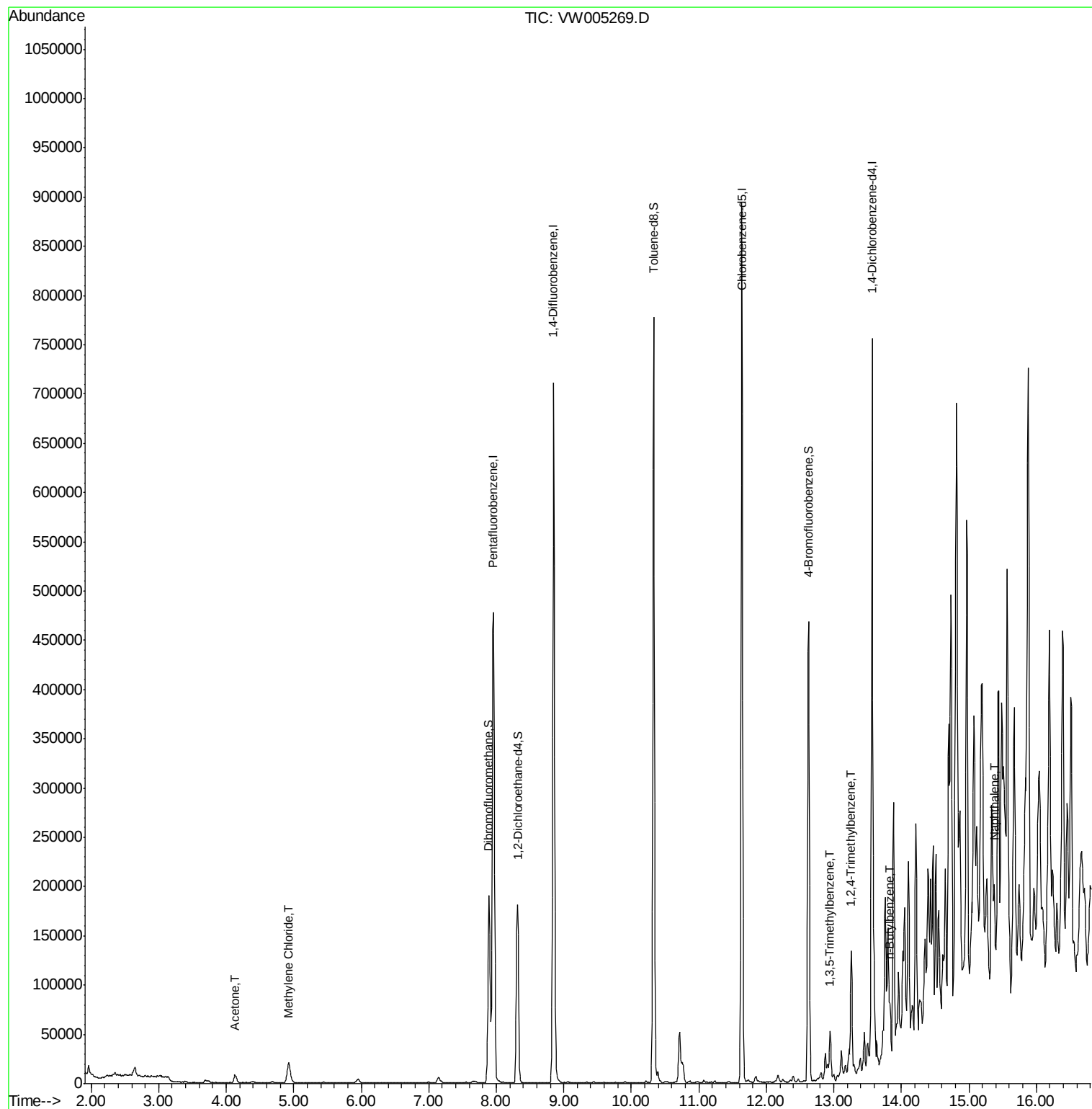
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	401285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	620796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	546905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	145792	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.89	113	138241	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
50) Toluene-d8	10.33	98	545991	33.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.46%	
62) 4-Bromofluorobenzene	12.63	95	153553	25.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.10%	
Target Compounds						
16) Acetone	4.14	43	15297	27.53	ug/l	99
20) Methylene Chloride	4.92	84	17862	1.11	ug/l	87
80) 1,3,5-Trimethylbenzene	12.95	105	15948	1.30	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	73794	5.99	ug/l	98
89) n-Butylbenzene	13.83	91	27833	2.17	ug/l #	75
95) Naphthalene	15.38	128	33723	4.70	ug/l #	92

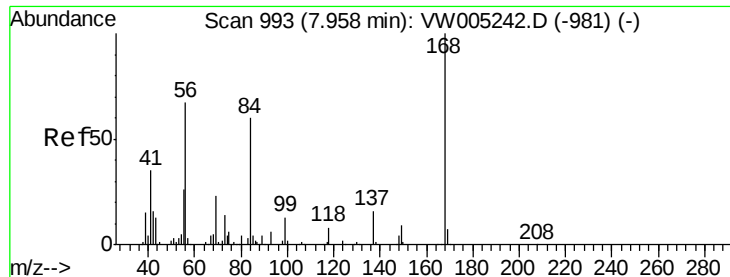
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005269.D

Acq: 11 Sep 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

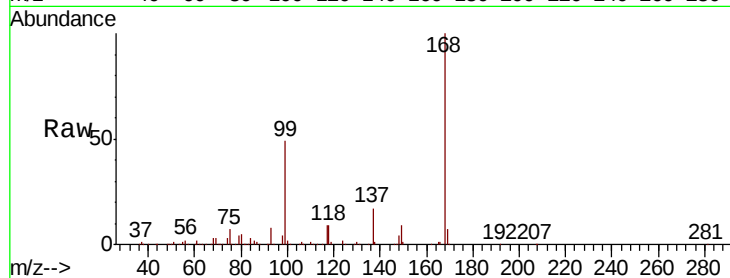
SU-03-090618-B

Tot Ion:168 Resp: 401285

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

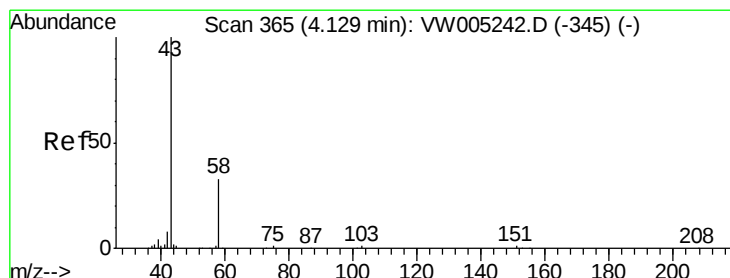
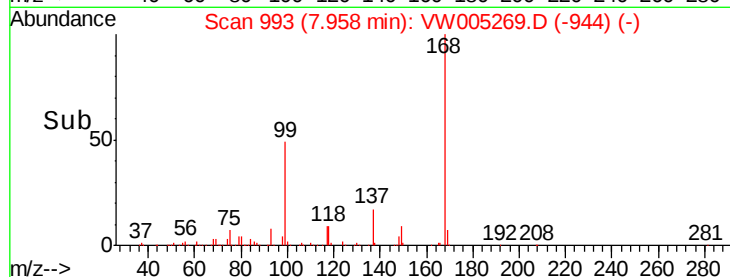
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 27.53 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005269.D

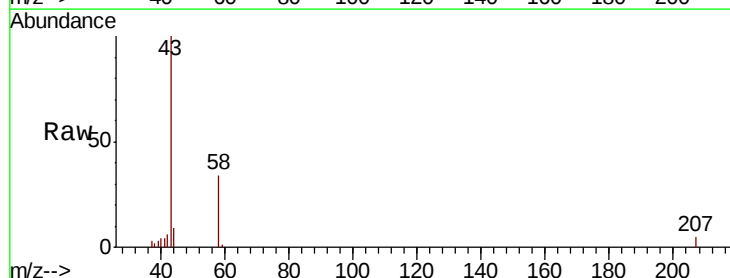
Acq: 11 Sep 2018 12:29

Tgt Ion: 43 Resp: 15297

Ion Ratio Lower Upper

43 100

58 34.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

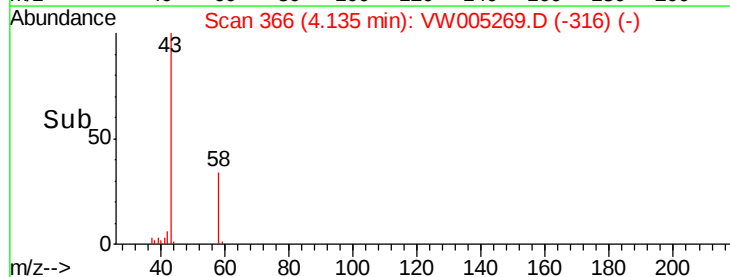
3000

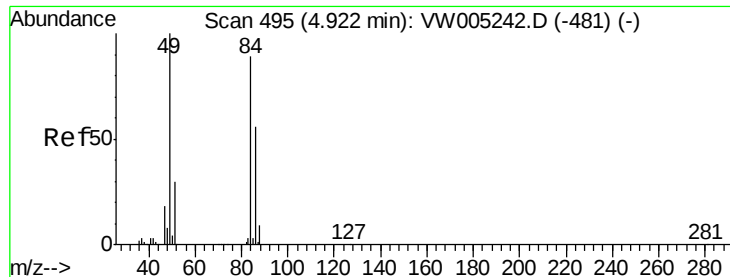
2000

1000

0

Time--> 4.00 4.10 4.20





#20

Methylene Chloride

Concen: 1.11 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW005269.D

Acq: 11 Sep 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

SU-03-090618-B

Tot Ion: 84 Resp: 17862

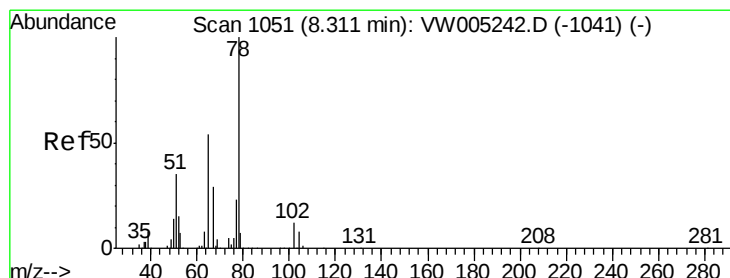
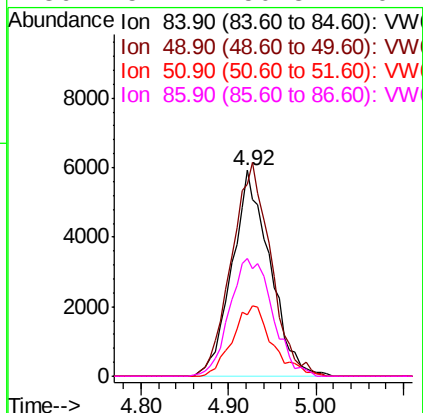
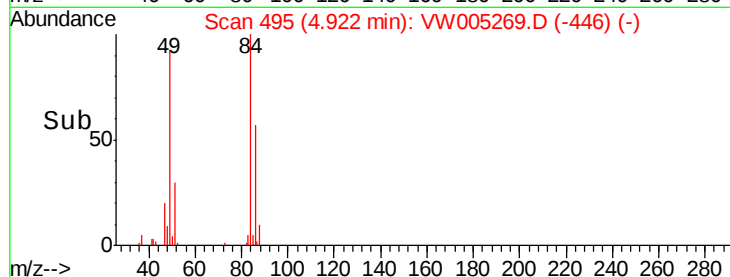
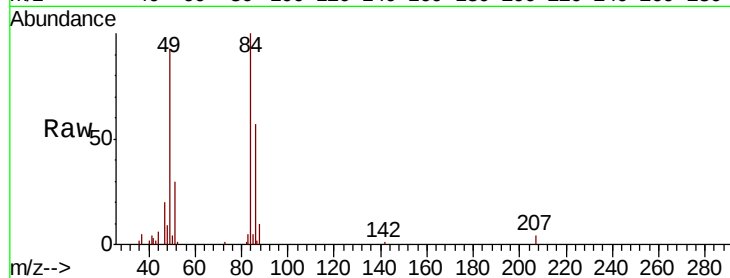
Ion	Ratio	Lower	Upper
84	100		
49	93.3	90.3	135.5
51	30.1	26.9	40.3
86	57.1	50.8	76.2

84 100

49 93.3 90.3 135.5

51 30.1 26.9 40.3

86 57.1 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 48.71 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005269.D

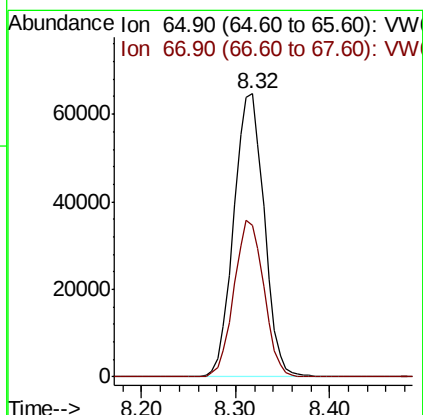
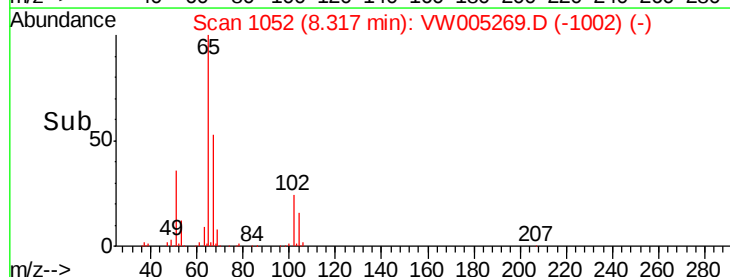
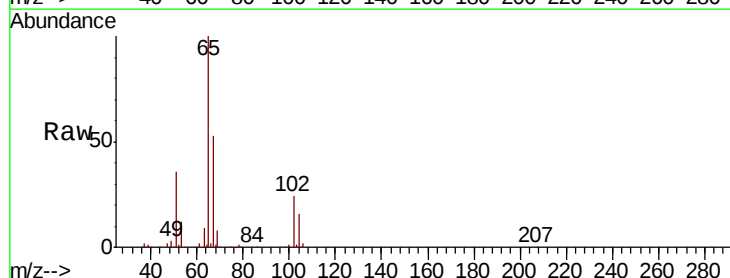
Acq: 11 Sep 2018 12:29

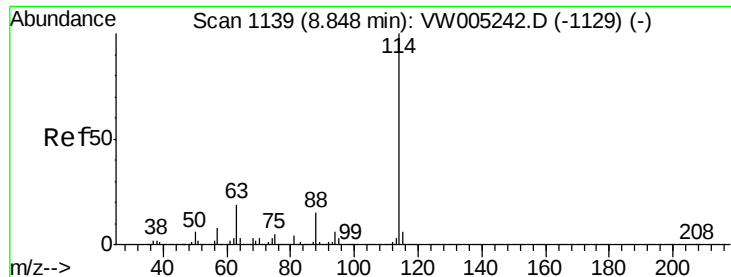
Tgt Ion: 65 Resp: 145792

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	112.2

65 100

67 54.2 0.0 112.2

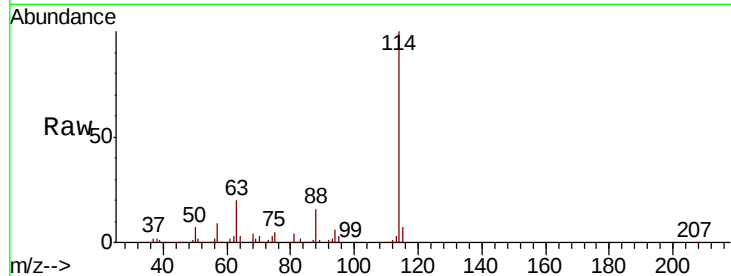




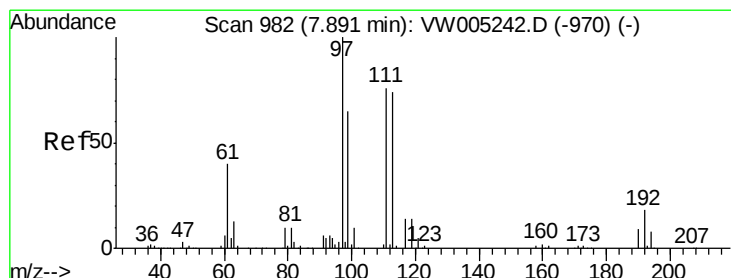
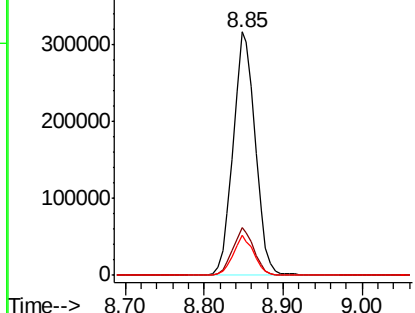
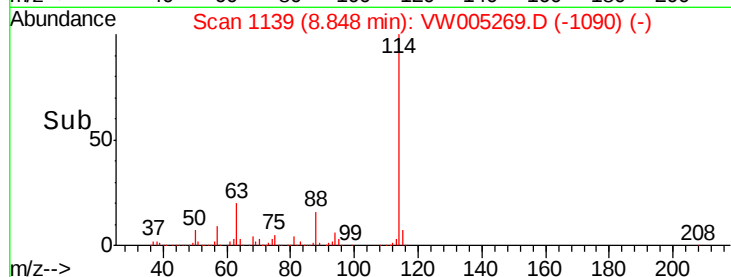
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005269.D
 Acq: 11 Sep 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-090618-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	37.0
88	16.4	0.0	30.4

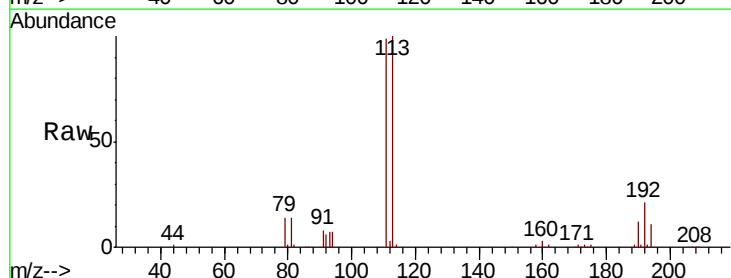


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

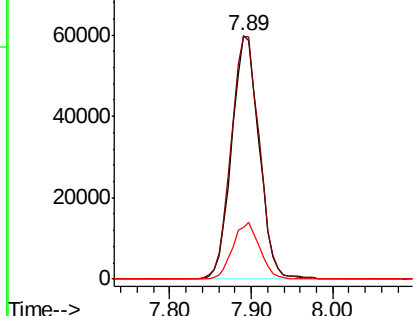
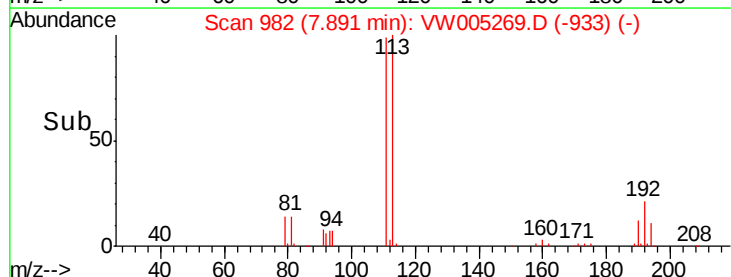


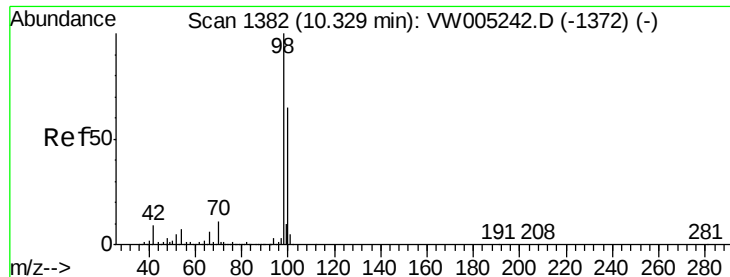
#35
 Dibromofluoromethane
 Concen: 42.51 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005269.D
 Acq: 11 Sep 2018 12:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	22.8	18.3	27.5



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: 33.23 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005269.D

Acq: 11 Sep 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

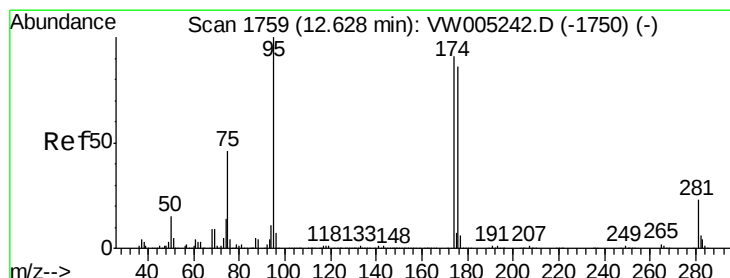
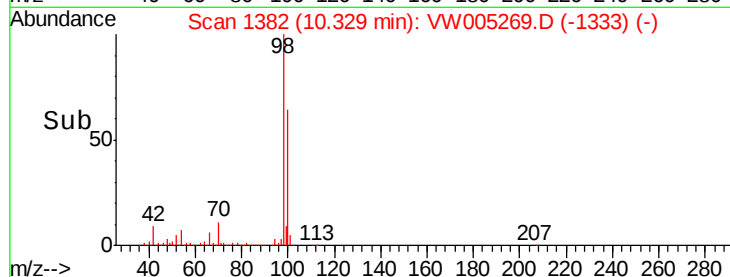
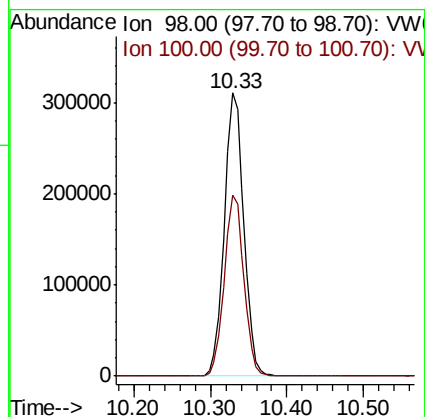
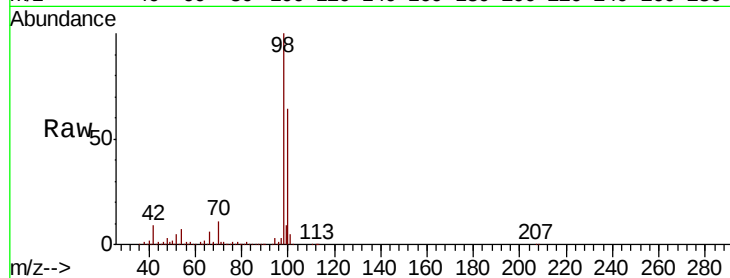
SU-03-090618-B

Tot Ion: 98 Resp: 545991

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 25.55 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005269.D

Acq: 11 Sep 2018 12:29

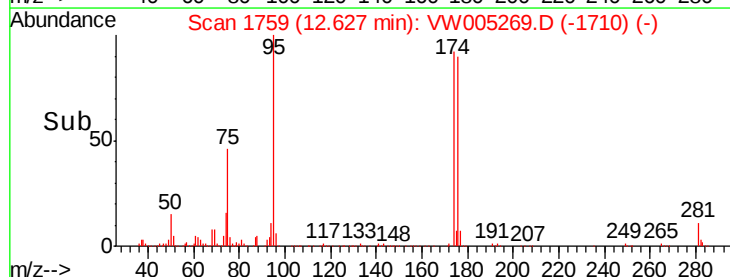
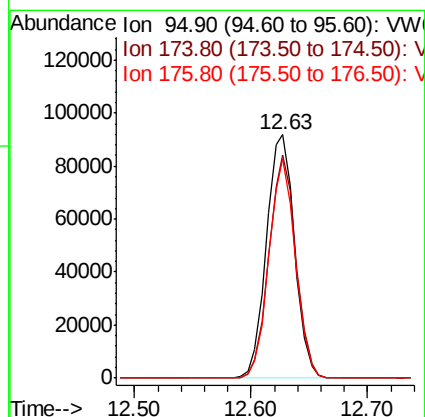
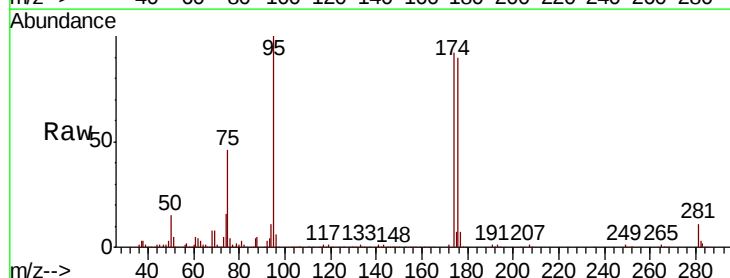
Tgt Ion: 95 Resp: 153553

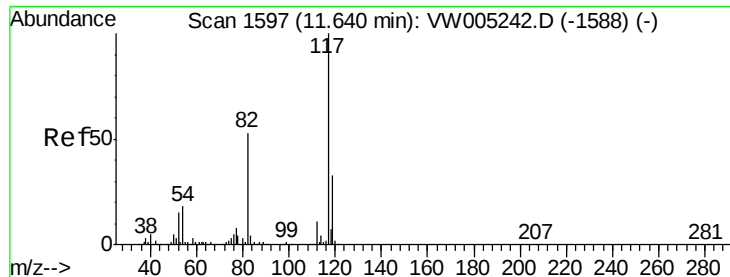
Ion Ratio Lower Upper

95 100

174 88.3 0.0 174.6

176 85.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005269.D

Acq: 11 Sep 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

SU-03-090618-B

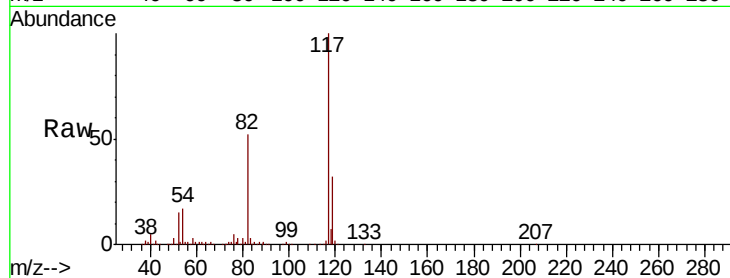
Tot Ion:117 Resp: 546905

Ion Ratio Lower Upper

117 100

82 52.3 42.6 63.8

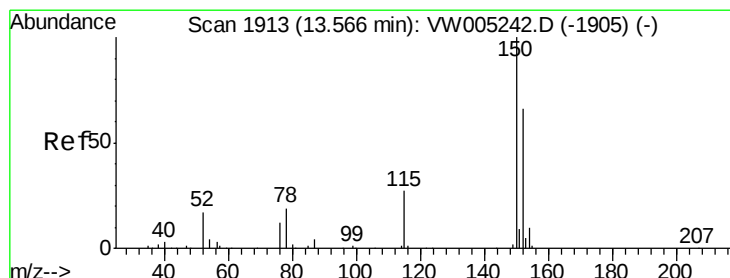
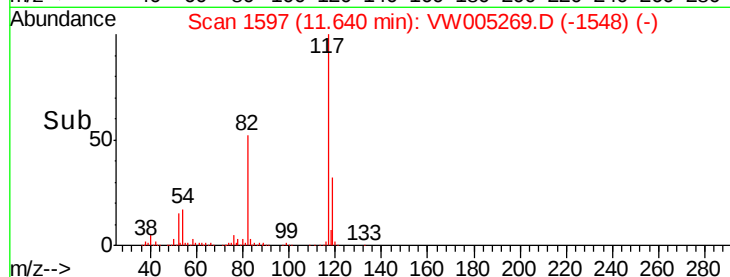
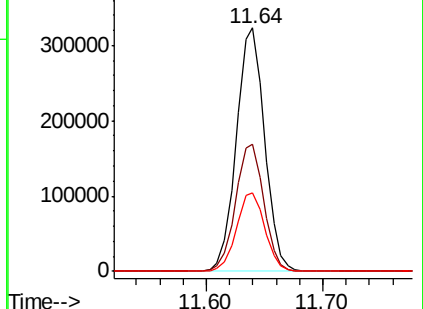
119 32.5 26.2 39.4



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: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005269.D

Acq: 11 Sep 2018 12:29

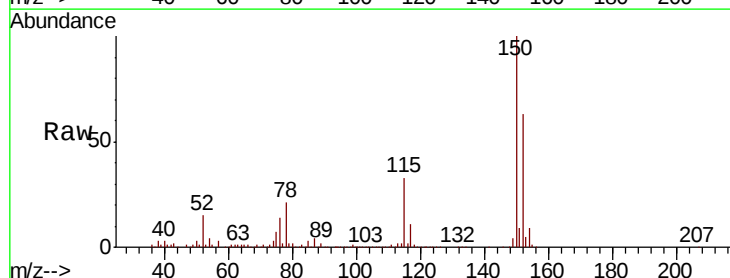
Tgt Ion:152 Resp: 203827

Ion Ratio Lower Upper

152 100

115 54.8 27.5 82.4

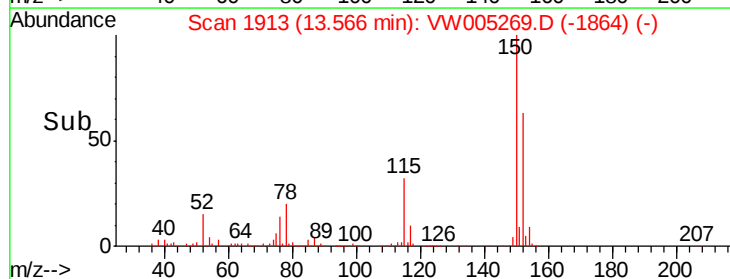
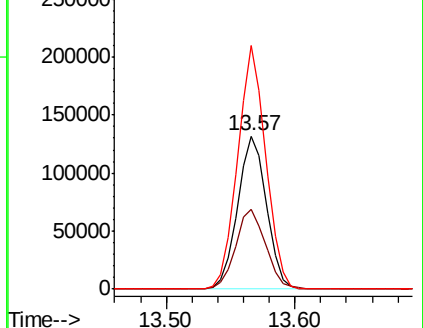
150 155.0 0.0 347.4

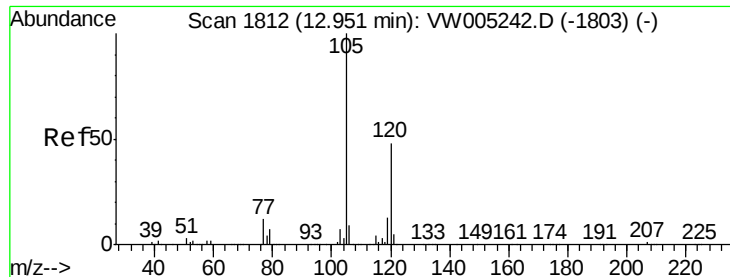


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

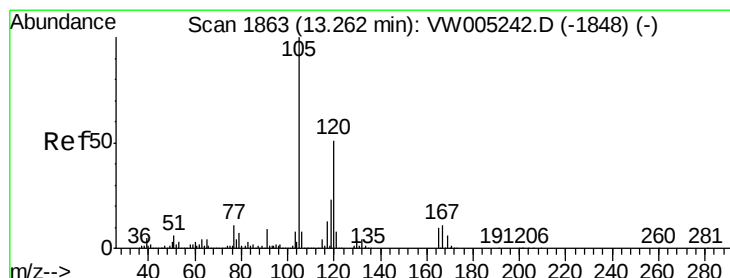
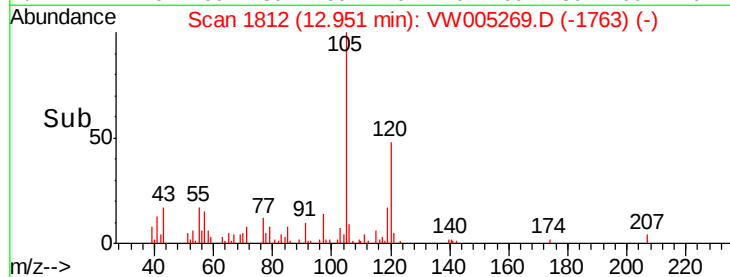
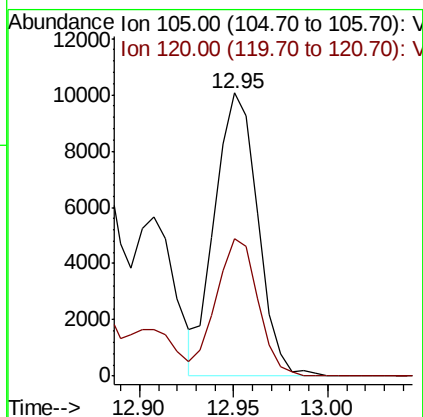
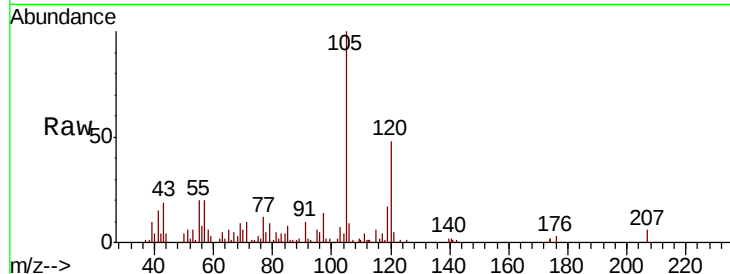




#80
 1,3,5-Trimethylbenzene
 Concen: 1.30 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005269.D
 Acq: 11 Sep 2018 12:29

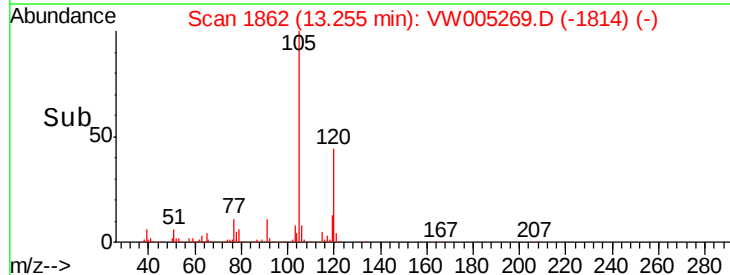
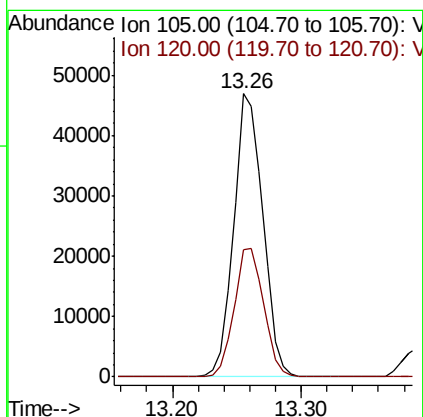
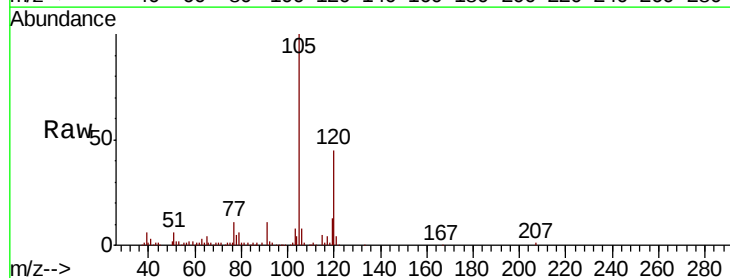
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 SU-03-090618-B

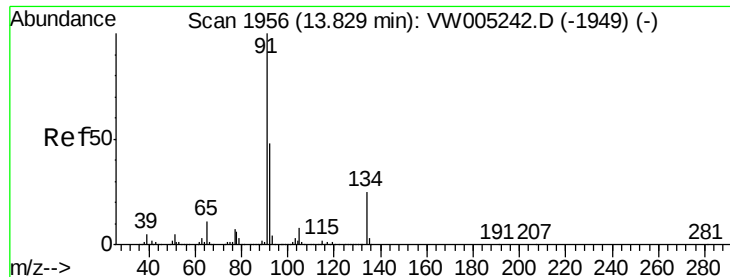
Tot Ion:105 Resp: 15948
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 5.99 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005269.D
 Acq: 11 Sep 2018 12:29

Tgt Ion:105 Resp: 73794
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.4 70.3





#89

n-Butylbenzene

Concen: 2.17 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005269.D

Acq: 11 Sep 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

SU-03-090618-B

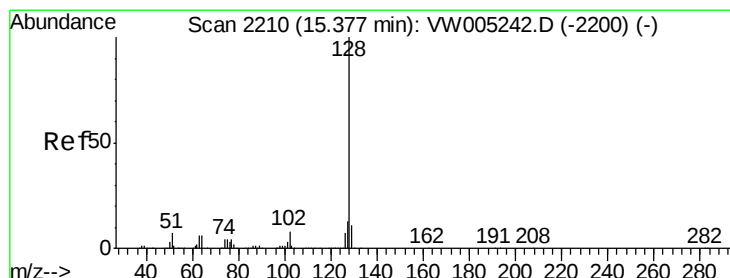
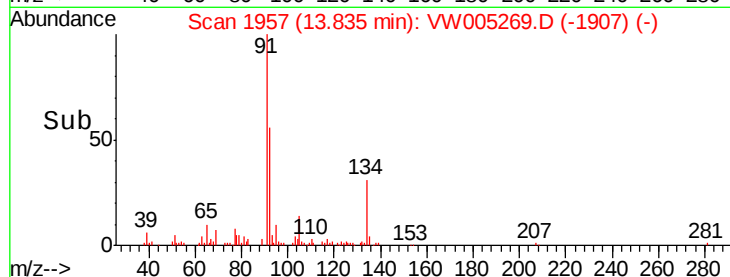
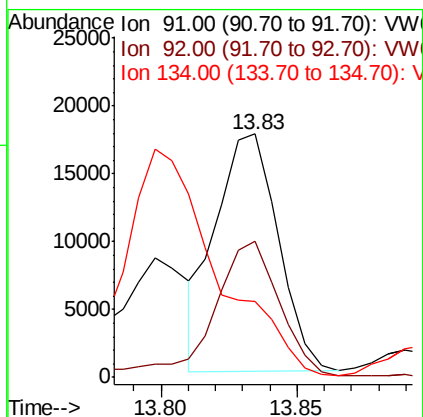
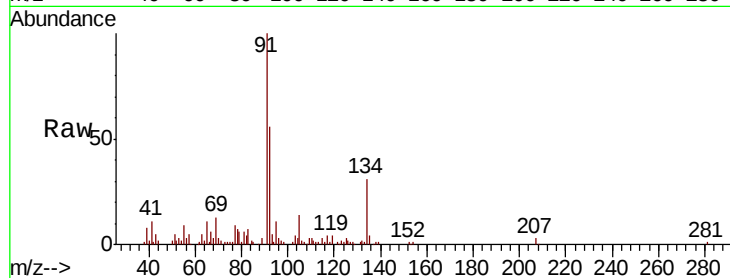
Tot Ion: 91 Resp: 27833

Ion Ratio Lower Upper

91 100

92 58.9 25.8 77.3

134 0.0 13.6 40.8#



#95

Naphthalene

Concen: 4.70 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005269.D

Acq: 11 Sep 2018 12:29

Tgt Ion: 128 Resp: 33723

Ion Ratio Lower Upper

128 100

127 10.9 10.3 15.5

129 6.6 8.8 13.2#

