

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005331.D
 Acq On : 12 Sep 2018 17:40
 Operator : SY/AP
 Sample : J4834-02
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-1A

Quant Time: Sep 12 19:03:30 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

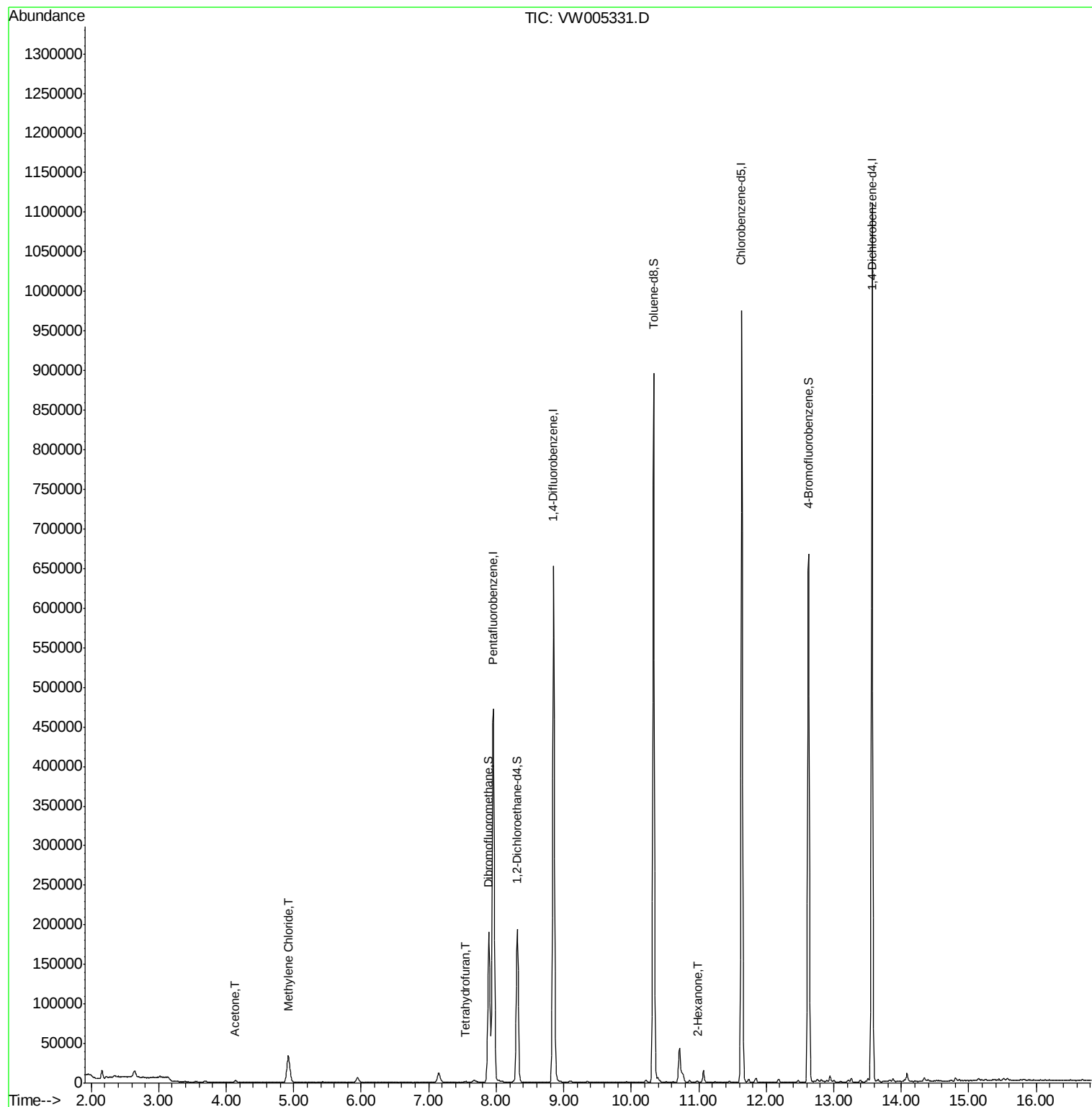
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	388481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	593173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	593656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	301895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146471	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	7.89	113	137431	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
50) Toluene-d8	10.33	98	615705	39.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.42%	
62) 4-Bromofluorobenzene	12.63	95	221819	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.24%	
Target Compounds						
16) Acetone	4.13	43	3545	6.59	ug/l	90
20) Methylene Chloride	4.92	84	29107	4.27	ug/l	93
29) Tetrahydrofuran	7.54	42	925	1.62	ug/l #	89
59) 2-Hexanone	10.98	43	1637	1.05	ug/l	87

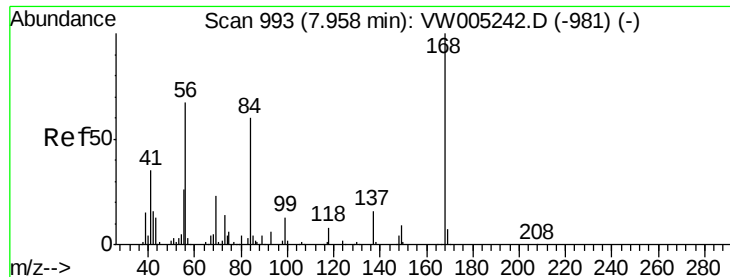
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW005331.D

Acq: 12 Sep 2018 17:40

Instrument :

MSVOA_W

ClientSampled :

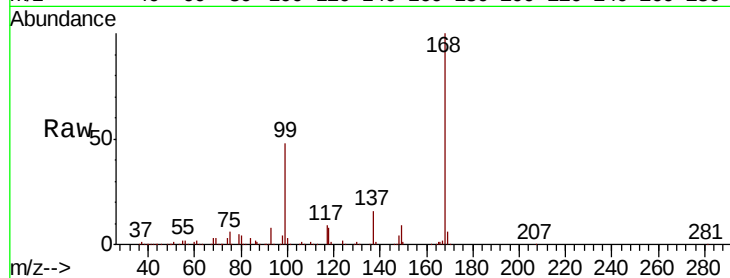
C-1A

Tot Ion:168 Resp: 388481

Ion Ratio Lower Upper

168 100

99 48.0 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

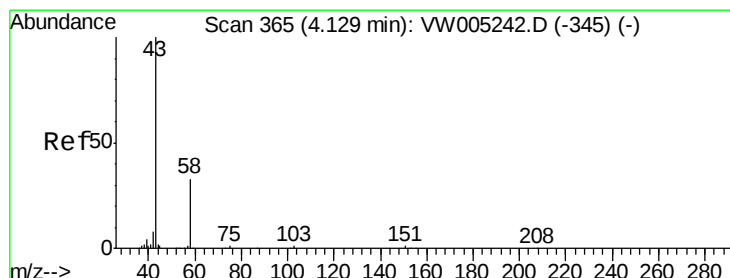
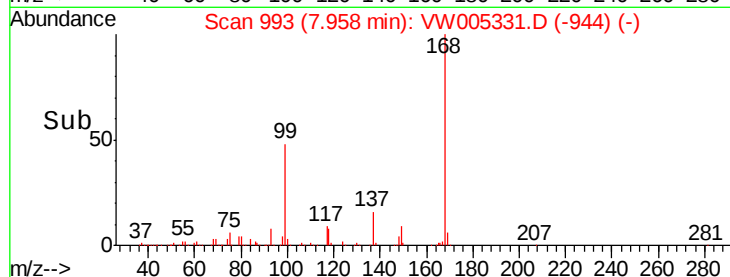
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.59 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005331.D

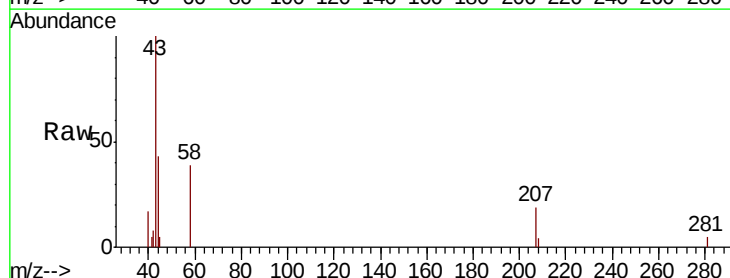
Acq: 12 Sep 2018 17:40

Tgt Ion: 43 Resp: 3545

Ion Ratio Lower Upper

43 100

58 38.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

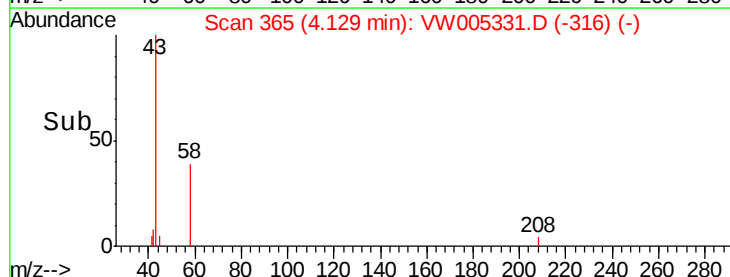
4.13

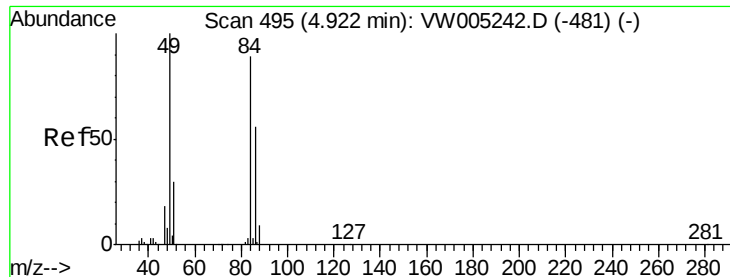
1000

500

0

Time-->

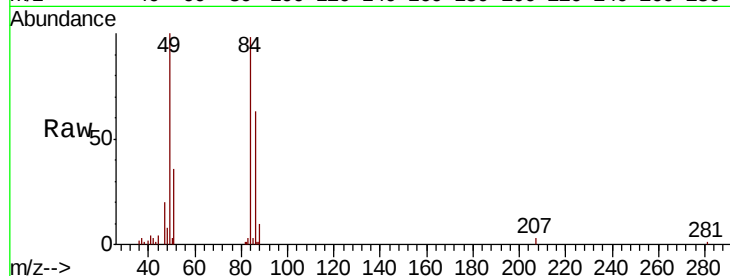




#20
Methylene Chloride
Concen: 4.27 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005331.D
Acq: 12 Sep 2018 17:40

Instrument :
MSVOA_W
ClientSampled :
C-1A

Tot Ion:	84	Resp:	29107
Ion	Ratio	Lower	Upper
84	100		
49	102.6	90.3	135.5
51	37.3	26.9	40.3
86	65.1	50.8	76.2



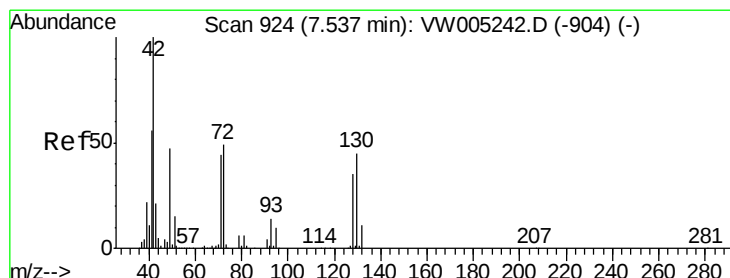
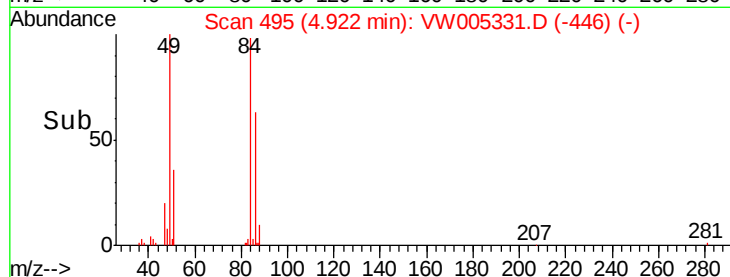
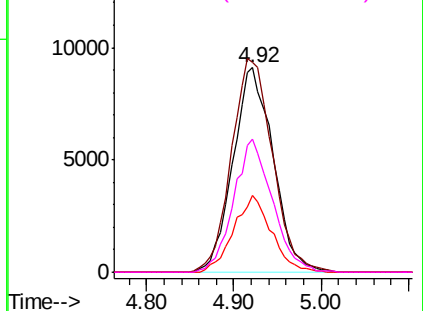
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

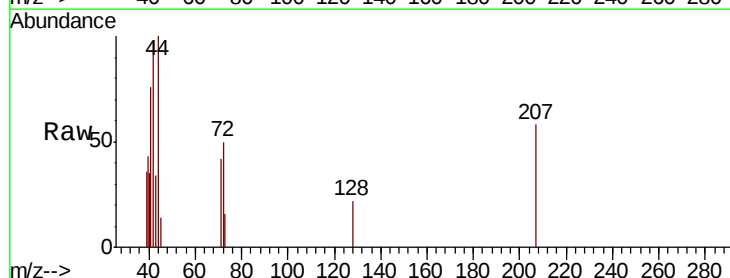
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29
Tetrahydrofuran
Concen: 1.62 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005331.D
Acq: 12 Sep 2018 17:40

Tgt Ion:	42	Resp:	925
Ion	Ratio	Lower	Upper
42	100		
72	32.3	37.5	56.3#
71	43.4	34.8	52.2

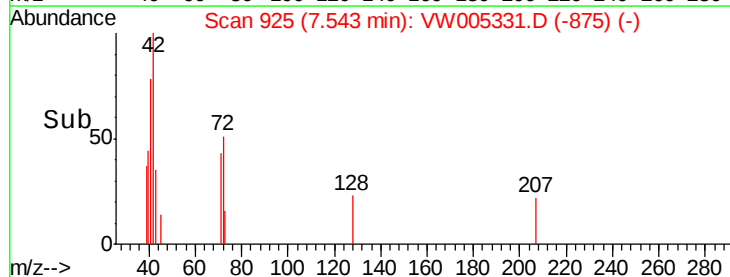
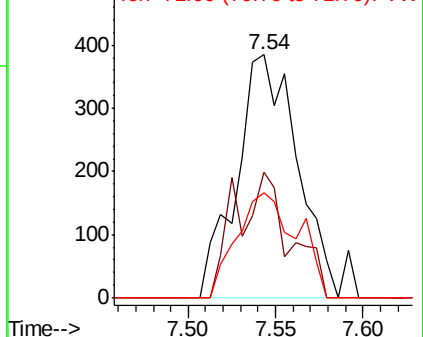


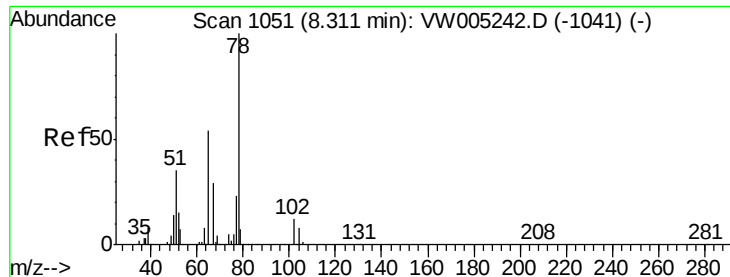
Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

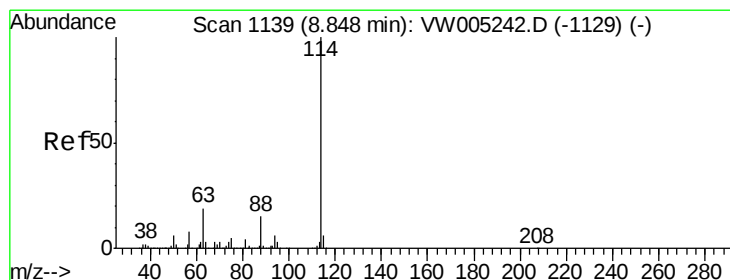
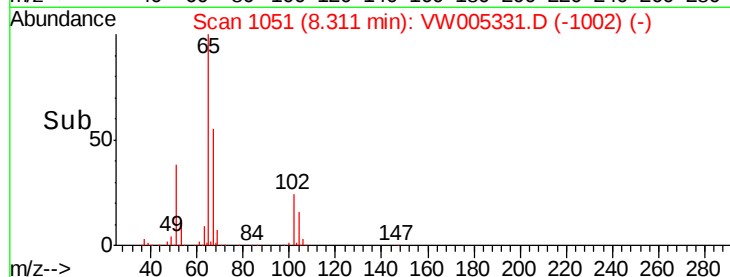
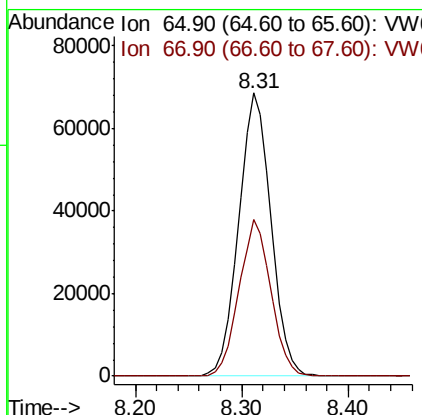
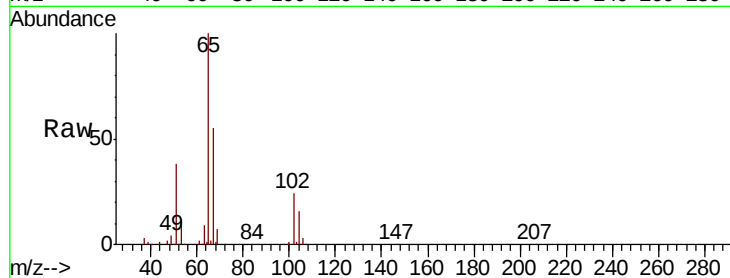




#33
 1,2-Dichloroethane-d4
 Concen: 50.55 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005331.D
 Acq: 12 Sep 2018 17:40

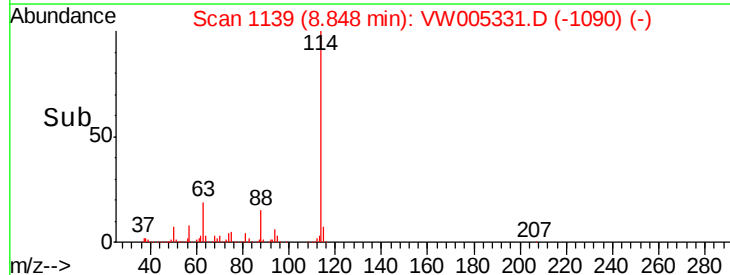
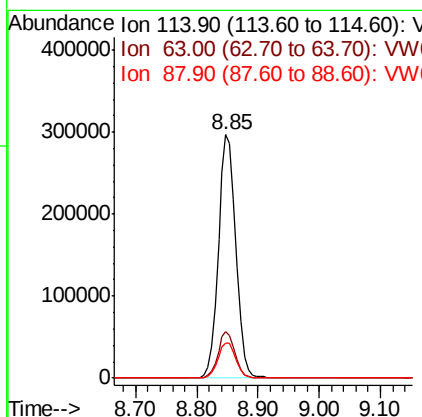
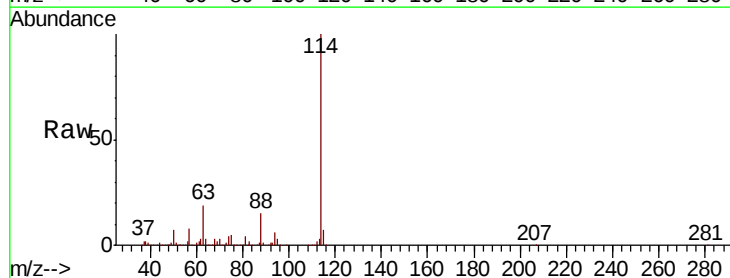
Instrument :
 MSVOA_W
 ClientSampleId :
 C-1A

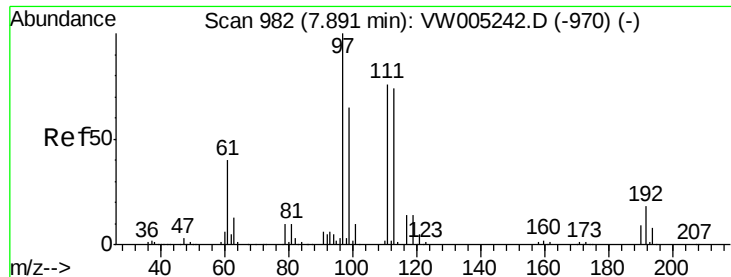
Tot Ion: 65 Resp: 146471
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005331.D
 Acq: 12 Sep 2018 17:40

Tgt Ion: 114 Resp: 593173
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.0
 88 14.6 0.0 30.4

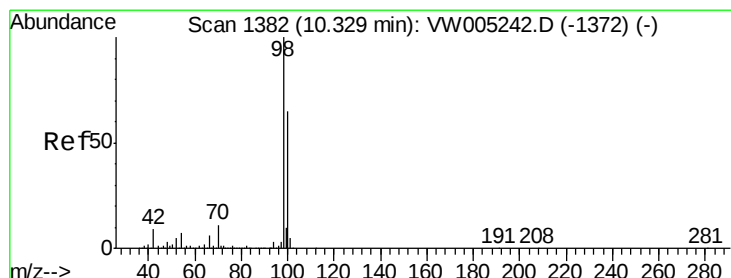
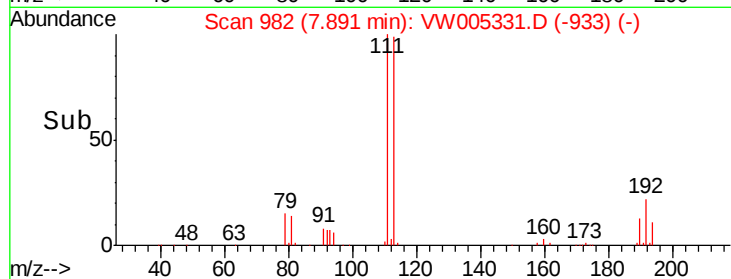
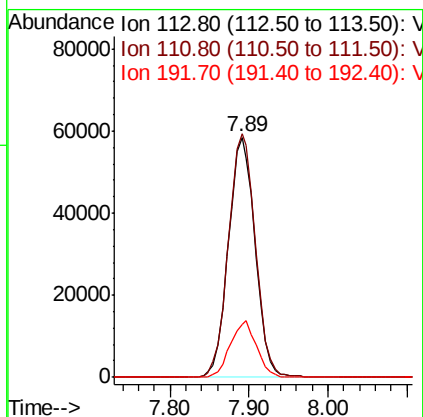
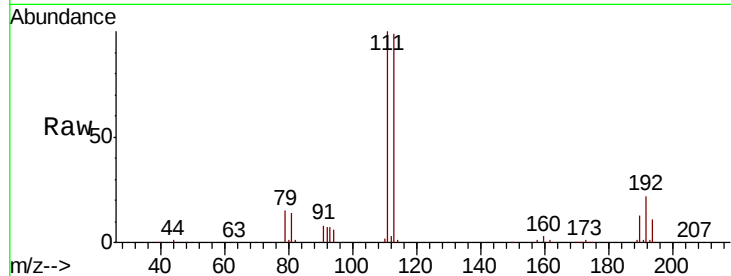




#35
 Dibromofluoromethane
 Concen: 44.23 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005331.D
 Acq: 12 Sep 2018 17:40

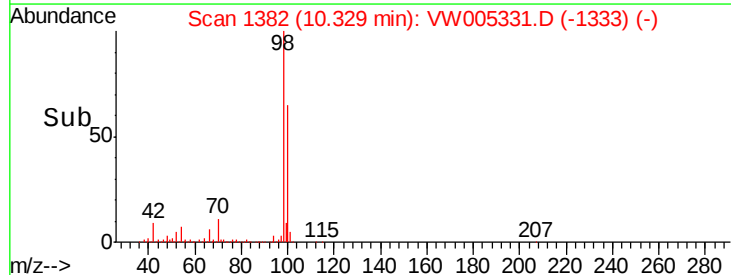
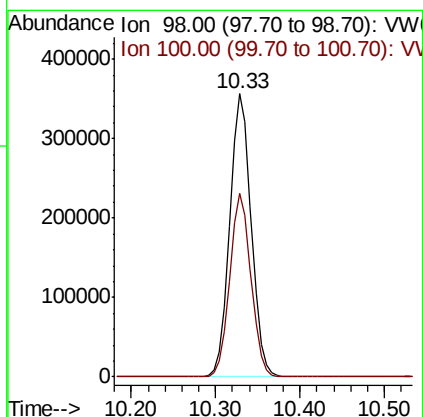
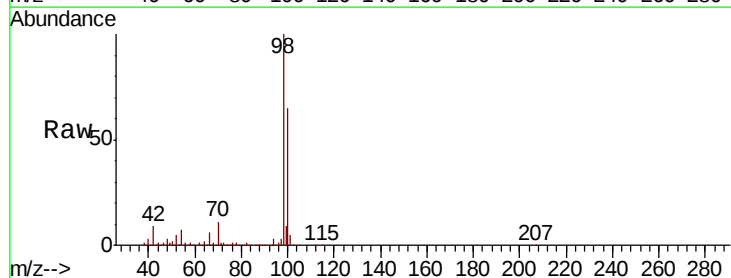
Instrument :
 MSVOA_W
 ClientSampleId :
 C-1A

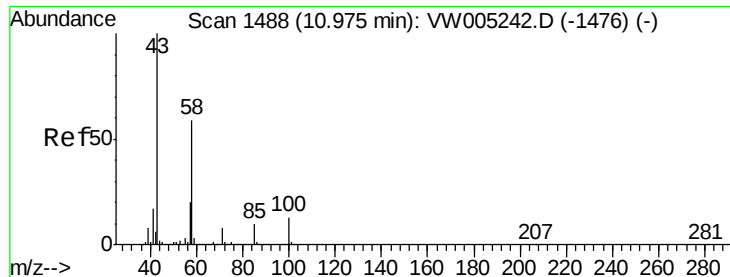
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.6	121.0
192	23.1	18.3	27.5



#50
 Toluene-d8
 Concen: 39.21 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005331.D
 Acq: 12 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





#59

2-Hexanone

Concen: 1.05 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW005331.D

Acq: 12 Sep 2018 17:40

Instrument :

MSVOA_W

ClientSampled :

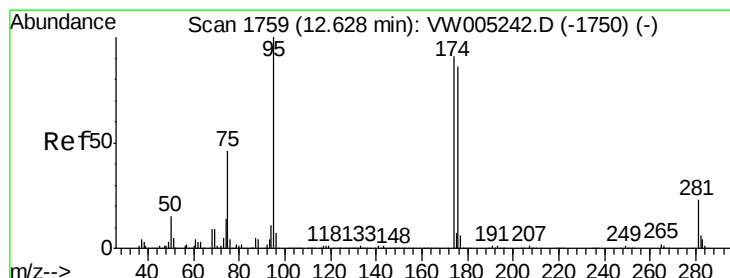
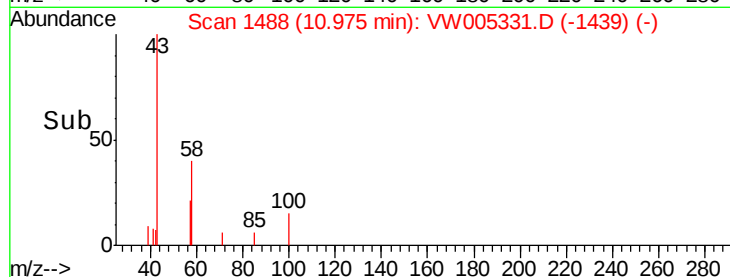
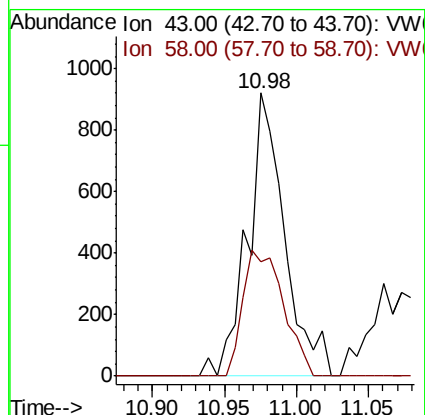
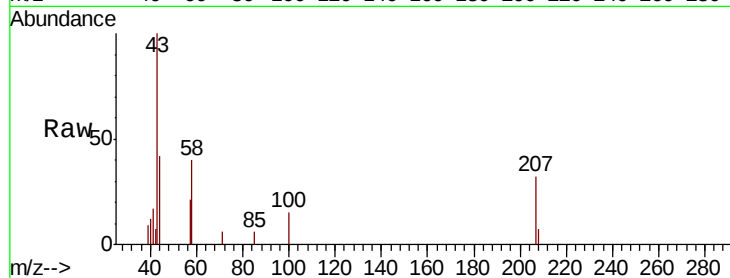
C-1A

Tot Ion: 43 Resp: 1637

Ion Ratio Lower Upper

43 100

58 48.9 29.3 87.9



#62

4-Bromofluorobenzene

Concen: 38.62 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005331.D

Acq: 12 Sep 2018 17:40

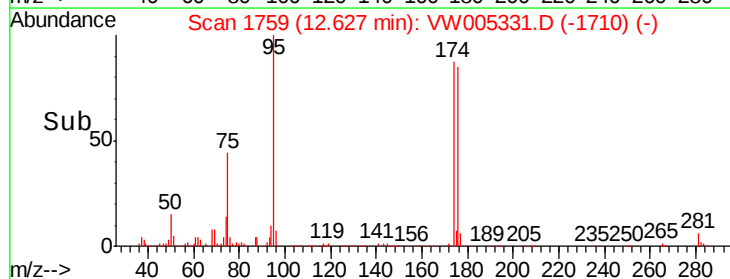
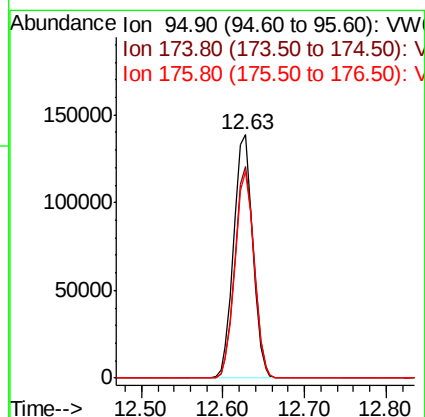
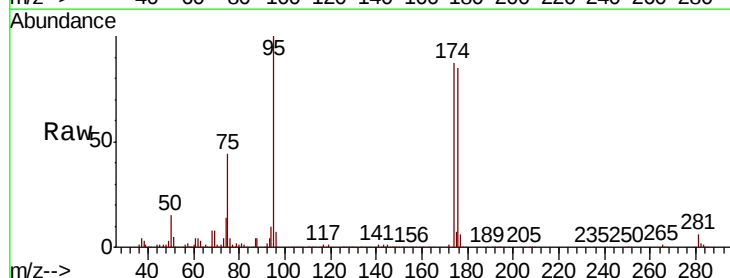
Tgt Ion: 95 Resp: 221819

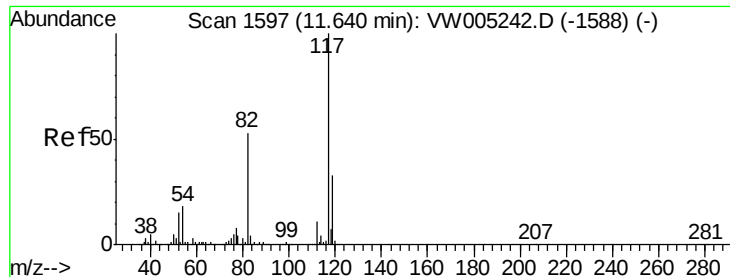
Ion Ratio Lower Upper

95 100

174 87.2 0.0 174.6

176 85.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005331.D

Acq: 12 Sep 2018 17:40

Instrument :

MSVOA_W

ClientSampleId :

C-1A

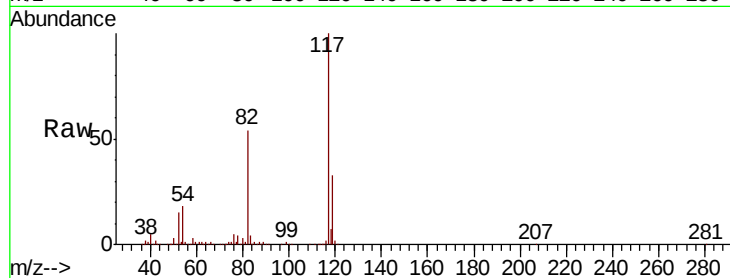
Tot Ion:117 Resp: 593656

Ion Ratio Lower Upper

117 100

82 53.7 42.6 63.8

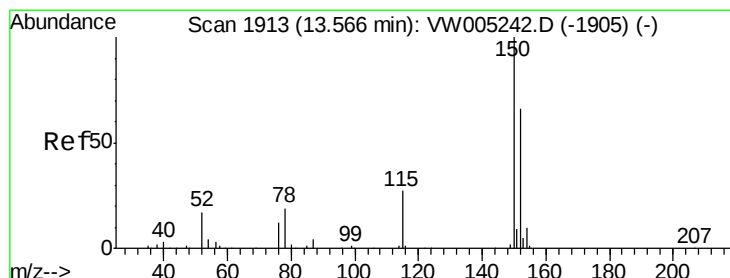
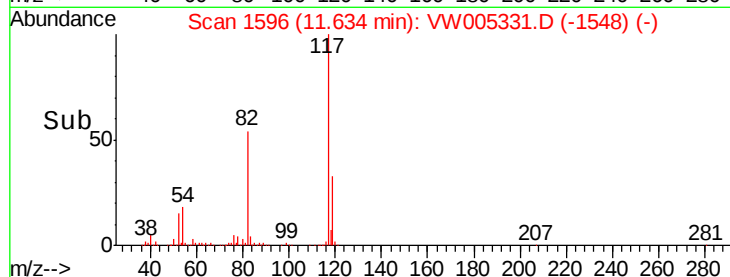
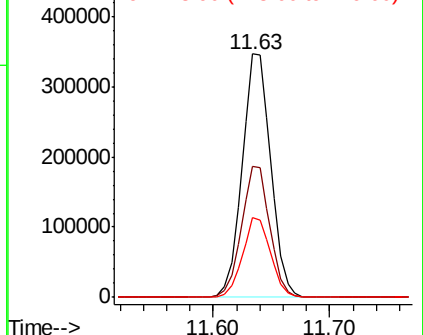
119 32.6 26.2 39.4



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: VW005331.D

Acq: 12 Sep 2018 17:40

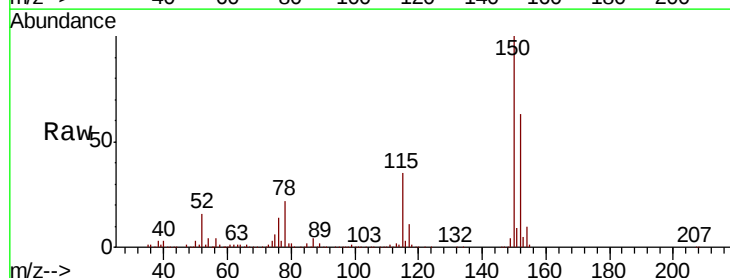
Tgt Ion:152 Resp: 301895

Ion Ratio Lower Upper

152 100

115 55.6 27.5 82.4

150 157.3 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

