

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005496.D
 Acq On : 18 Sep 2018 22:35
 Operator : SY/AP
 Sample : J4929-09RE
 Misc : 6.24G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-11RE

Quant Time: Sep 19 06:53:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

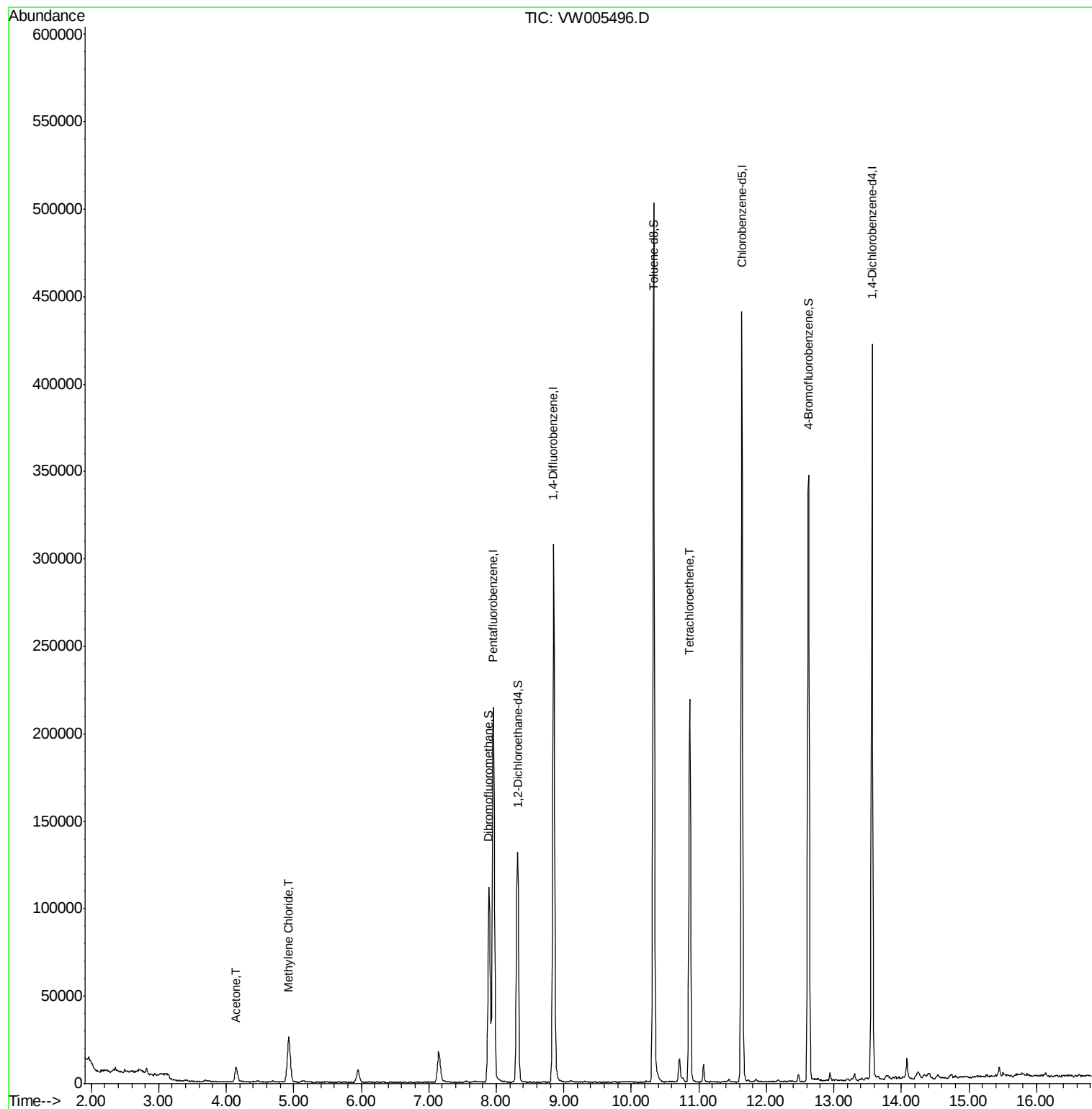
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	161917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	256795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	247885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	105631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	106634	63.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.90%	
35) Dibromofluoromethane	7.89	113	81353	56.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.00%	
50) Toluene-d8	10.33	98	331952	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.63	95	109811	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
Target Compounds						
16) Acetone	4.14	43	15664	50.42	ug/l	Qvalue 97
20) Methylene Chloride	4.93	84	18618	6.13	ug/l #	83
64) Tetrachloroethene	10.87	164	50344	27.48	ug/l	96

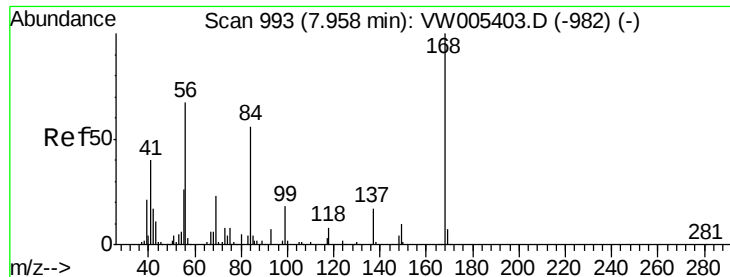
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091818\
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 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: VW005496.D

Acq: 18 Sep 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

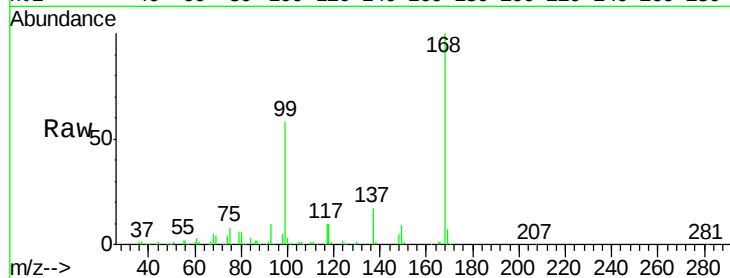
SP-PIT-11RE

Tot Ion:168 Resp: 161917

Ion Ratio Lower Upper

168 100

99 57.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

80000

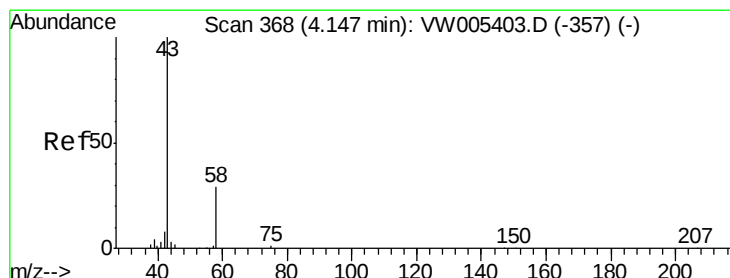
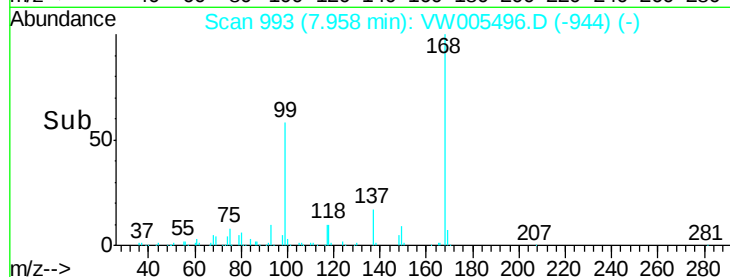
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 50.42 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005496.D

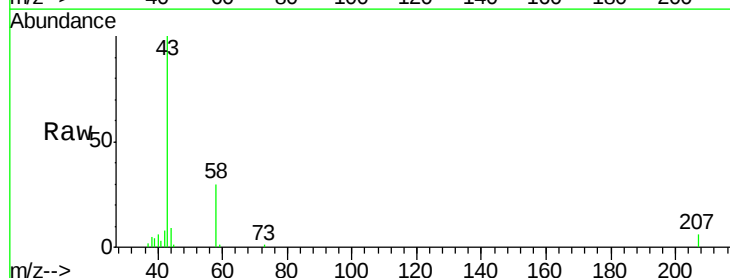
Acq: 18 Sep 2018 22:35

Tgt Ion: 43 Resp: 15664

Ion Ratio Lower Upper

43 100

58 30.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

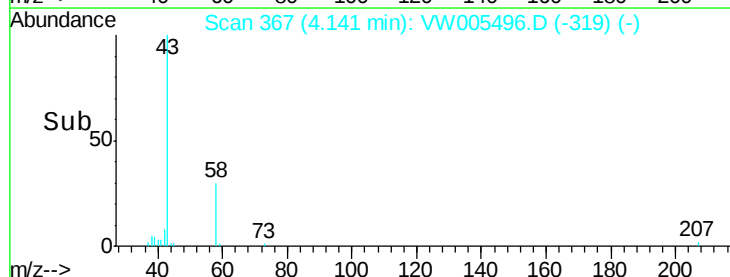
3000

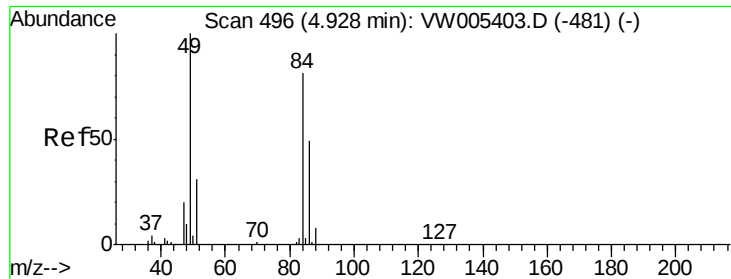
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

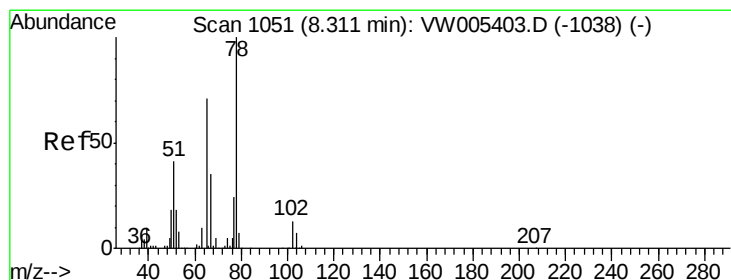
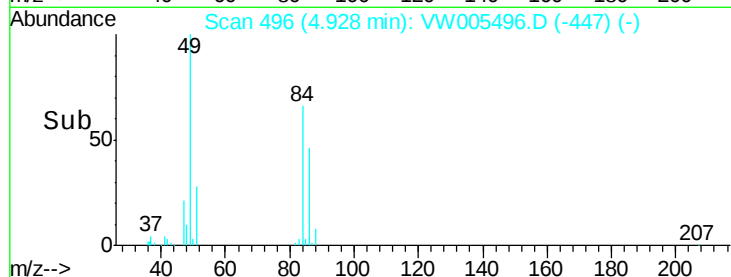
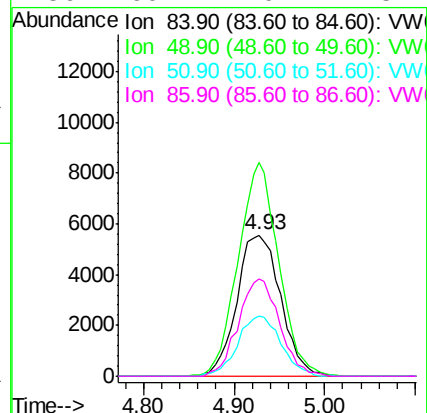
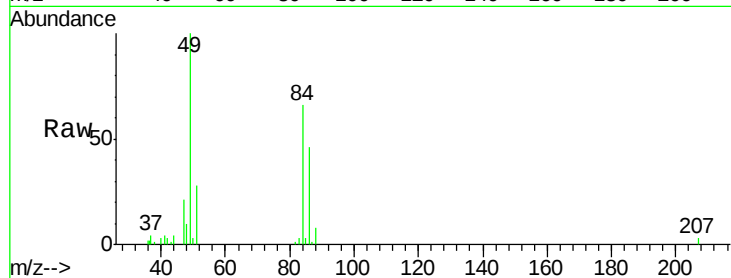




#20
Methvlene Chloride
Concen: 6.13 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005496.D
Acq: 18 Sep 2018 22:35

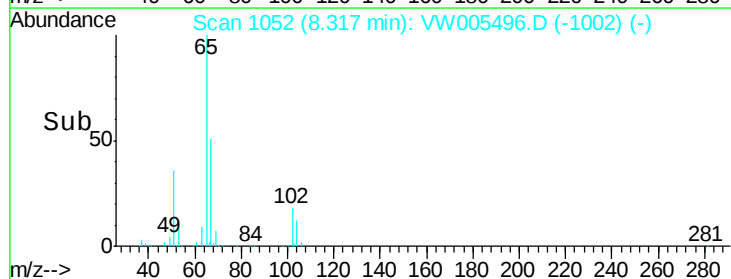
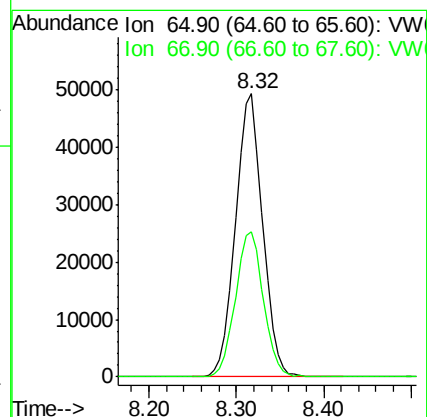
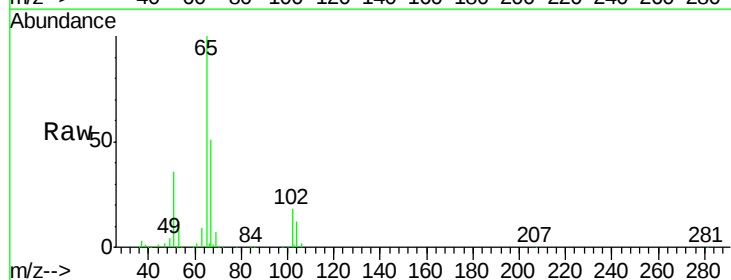
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-11RE

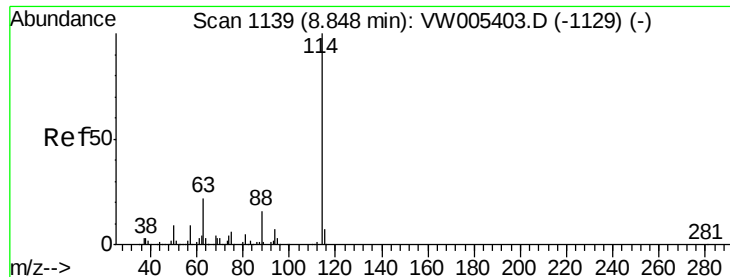
Tot Ion: 84 Resp: 18618
Ion Ratio Lower Upper
84 100
49 151.3 99.3 148.9#
51 43.1 31.1 46.7
86 69.2 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 63.45 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005496.D
Acq: 18 Sep 2018 22:35

Tgt Ion: 65 Resp: 106634
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005496.D

Acq: 18 Sep 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-11RE

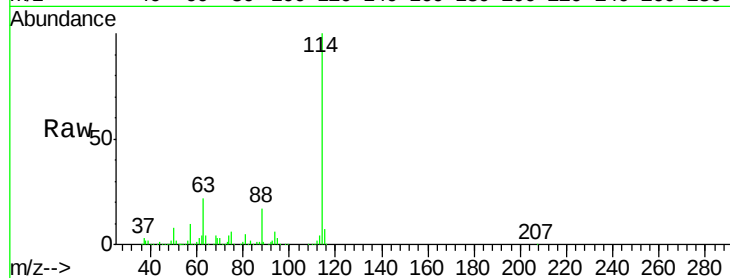
Tot Ion:114 Resp: 256795

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

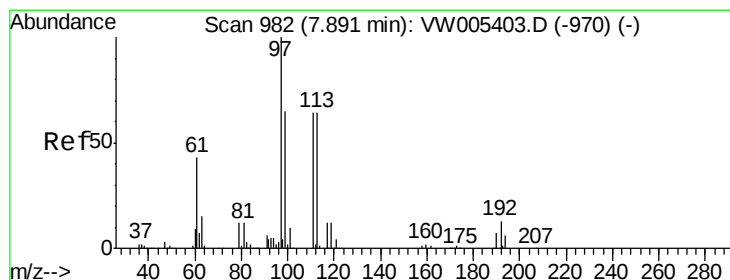
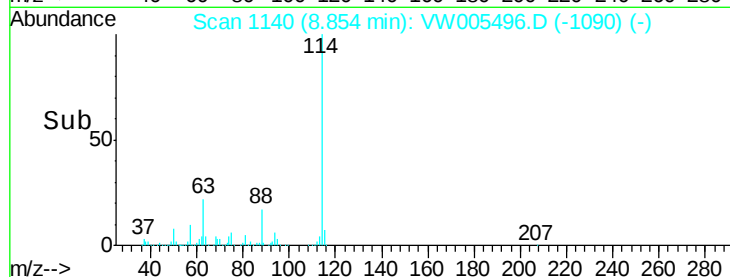
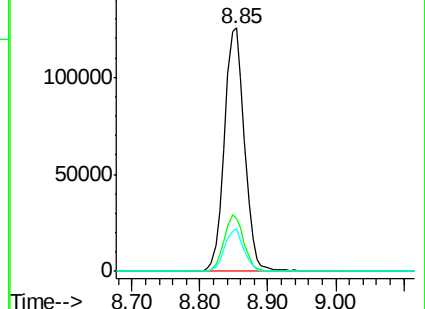
88 17.4 0.0 31.8



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: 56.50 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005496.D

Acq: 18 Sep 2018 22:35

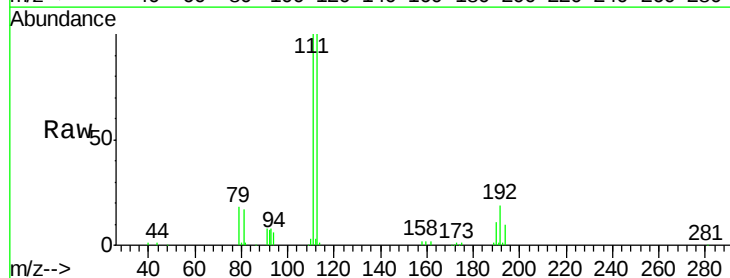
Tgt Ion:113 Resp: 81353

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

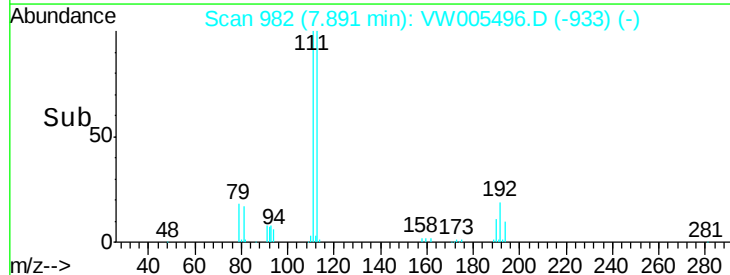
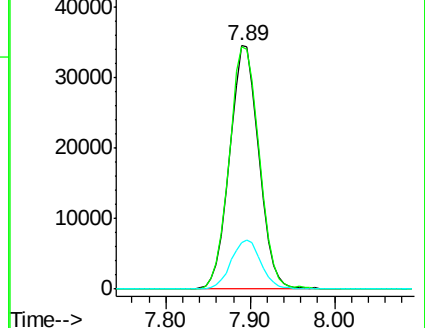
192 20.2 16.5 24.7

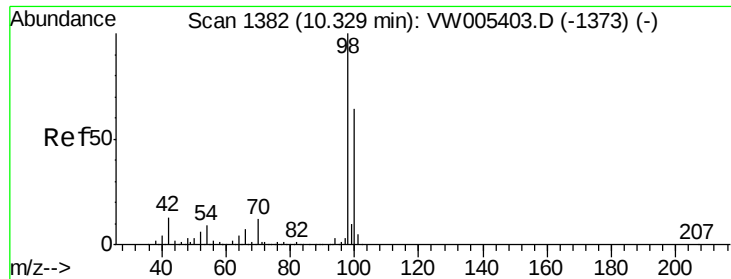


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.34 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005496.D

Acq: 18 Sep 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

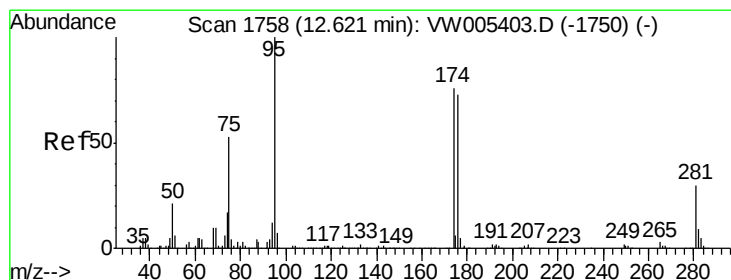
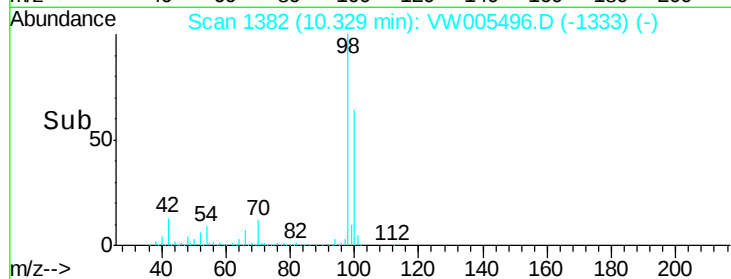
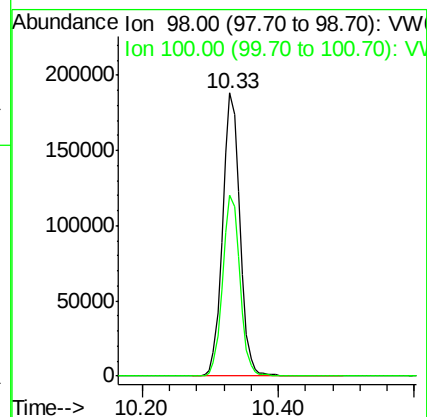
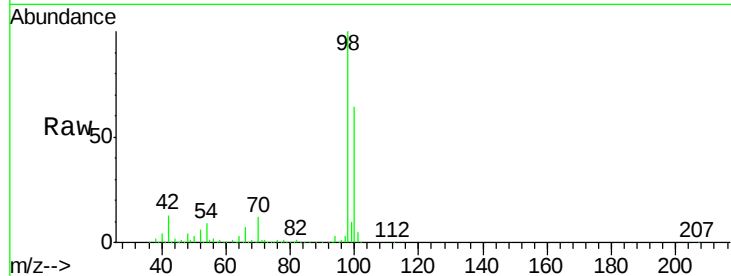
SP-PIT-11RE

Tot Ion: 98 Resp: 331952

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 45.42 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005496.D

Acq: 18 Sep 2018 22:35

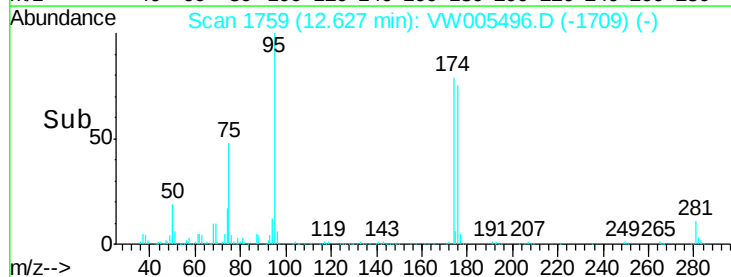
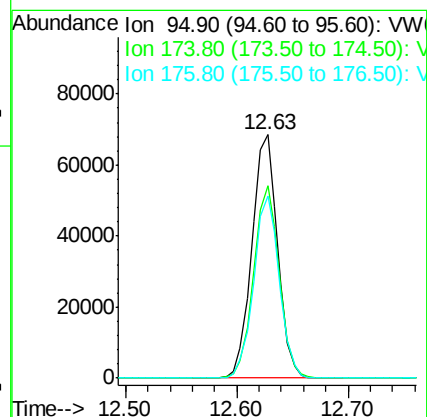
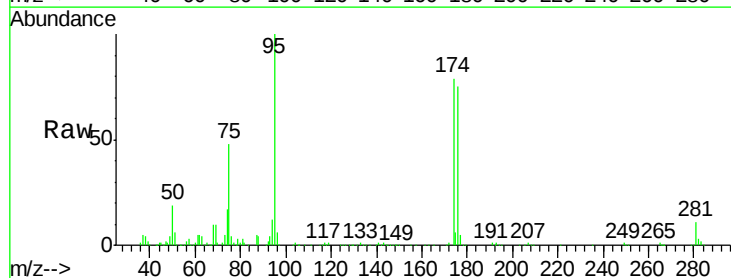
Tgt Ion: 95 Resp: 109811

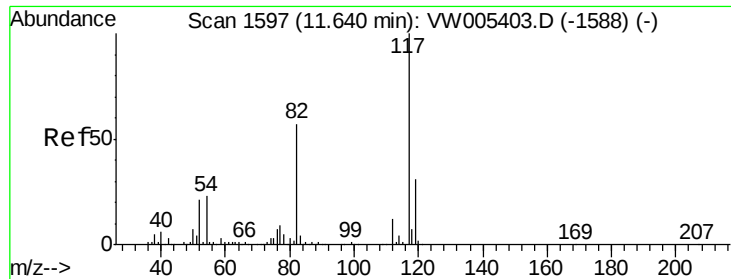
Ion Ratio Lower Upper

95 100

174 78.7 0.0 161.2

176 74.8 0.0 156.6

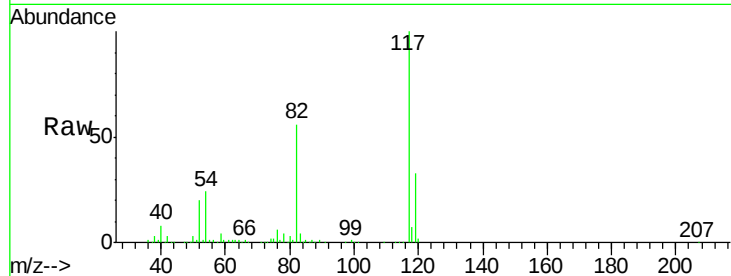




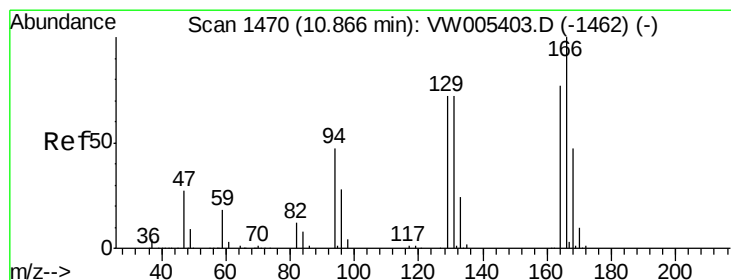
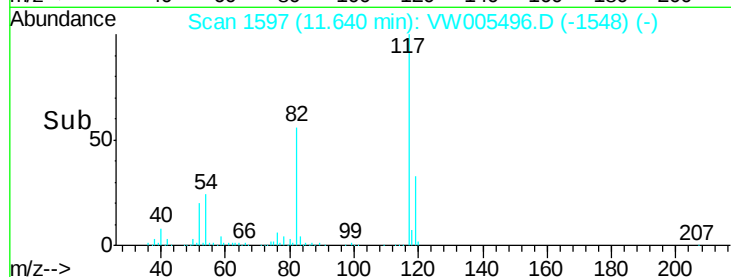
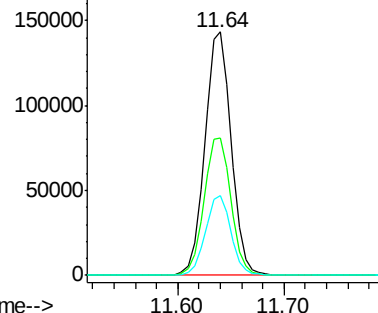
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005496.D
Acq: 18 Sep 2018 22:35

Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-11RE

Tot Ion:117 Resp: 247885
Ion Ratio Lower Upper
117 100
82 56.5 45.9 68.9
119 32.5 24.8 37.2

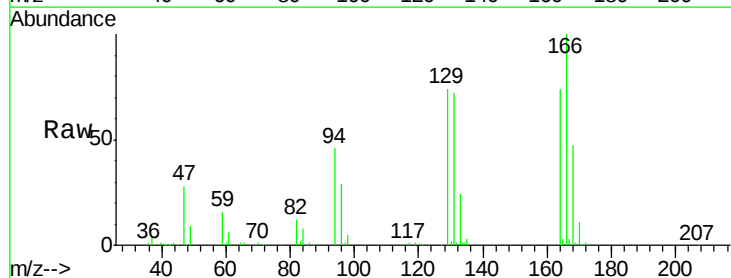


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

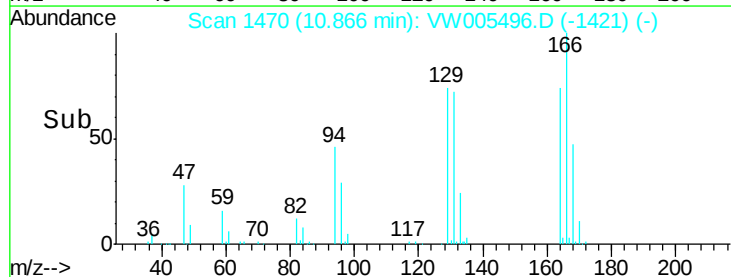
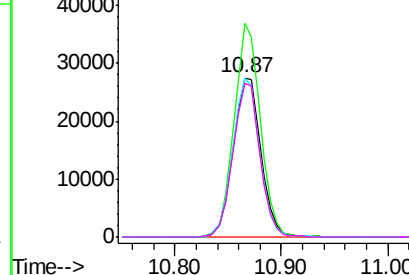


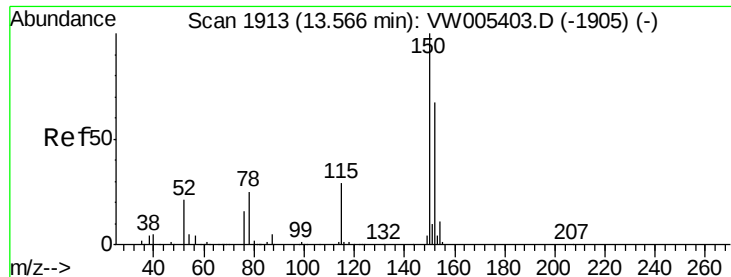
#64
Tetrachloroethene
Concen: 27.48 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005496.D
Acq: 18 Sep 2018 22:35

Tgt Ion:164 Resp: 50344
Ion Ratio Lower Upper
164 100
166 134.4 104.0 156.0
129 99.7 74.9 112.3
131 97.0 75.3 112.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VW005496.D

Acq: 18 Sep 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-11RE

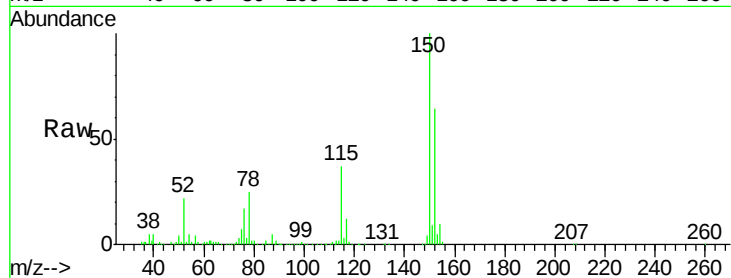
Tot Ion:152 Resp: 105631

Ion Ratio Lower Upper

152 100

115 59.2 29.5 88.5

150 157.7 0.0 345.6



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

