

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005470.D
 Acq On : 18 Sep 2018 09:15
 Operator : SY/AP
 Sample : J4936-31
 Misc : 3.30G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-3

Quant Time: Sep 18 12:13:54 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

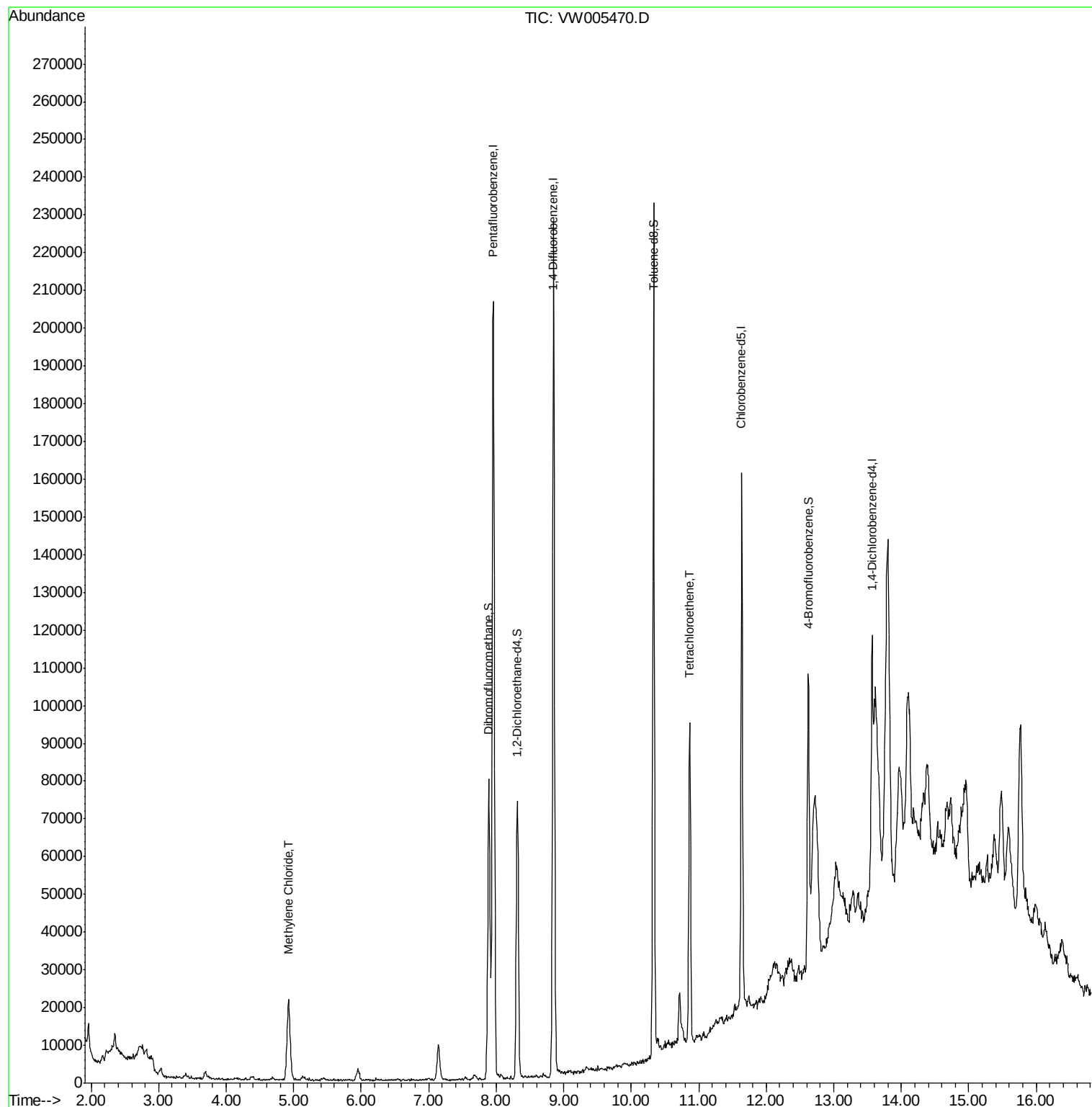
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	156190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	184964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	78593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	15266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	59292	36.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.14%	
35) Dibromofluoromethane	7.89	113	54572	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.33	98	148449	31.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.52%	
62) 4-Bromofluorobenzene	12.62	95	19801	11.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.74%	
Target Compounds						
20) Methylene Chloride	4.93	84	15319	4.27	ug/l	94
64) Tetrachloroethene	10.87	164	19621	33.78	ug/l	97

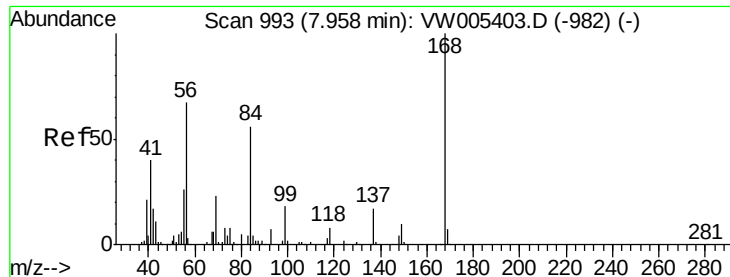
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005470.D

Acq: 18 Sep 2018 09:15

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MSVOA_W

ClientSampleId :

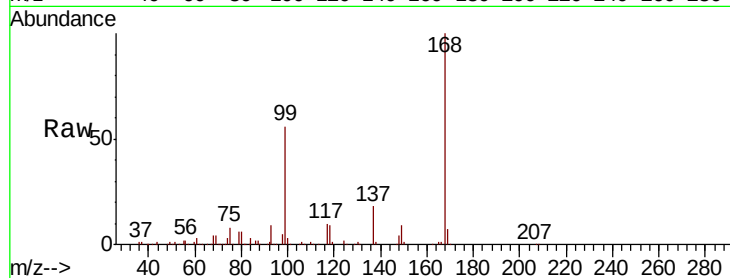
PHASE-3

Tot Ion:168 Resp: 156190

Ion Ratio Lower Upper

168 100

99 55.4 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

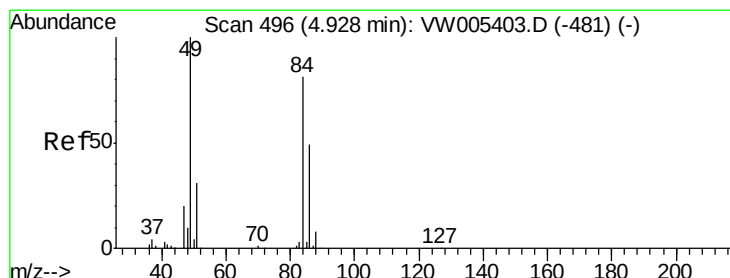
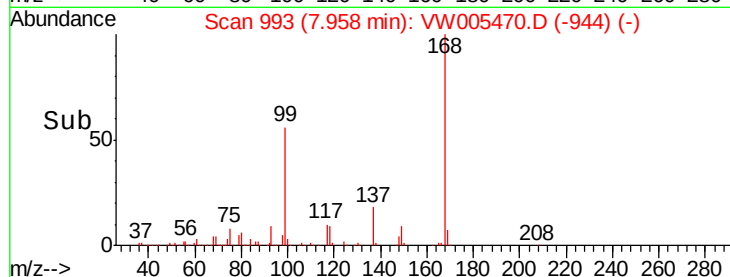
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 4.27 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005470.D

Acq: 18 Sep 2018 09:15

Tgt Ion: 84 Resp: 15319

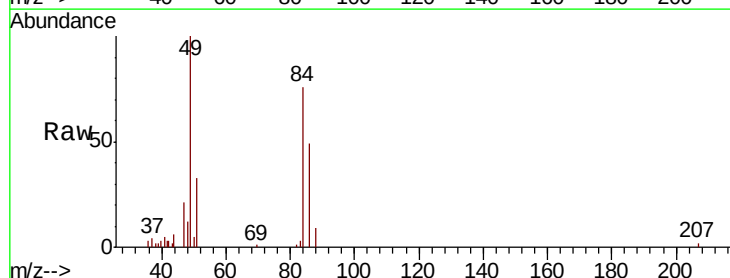
Ion Ratio Lower Upper

84 100

49 131.2 99.3 148.9

51 42.9 31.1 46.7

86 64.8 49.1 73.7



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

4.93

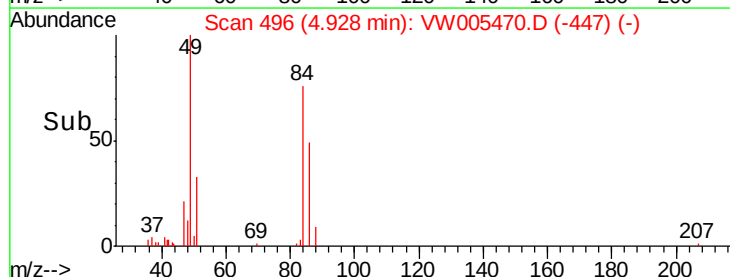
6000

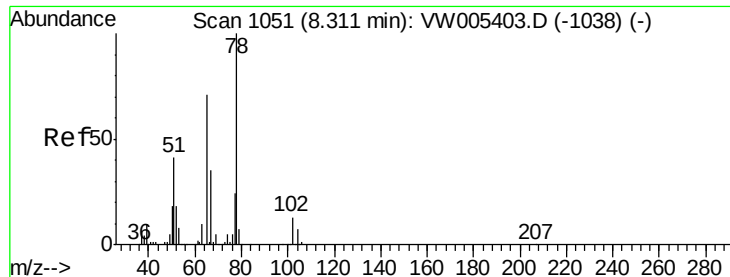
4000

2000

0

Time-->

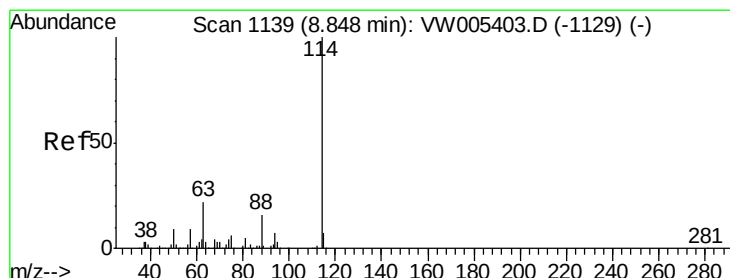
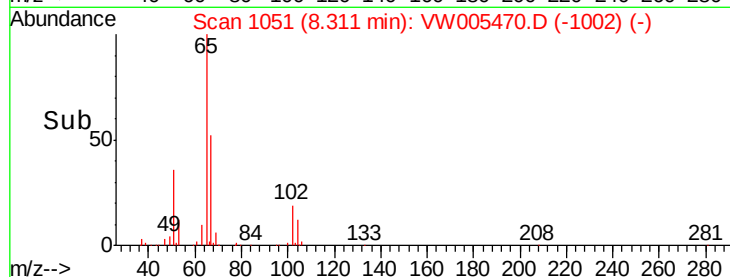
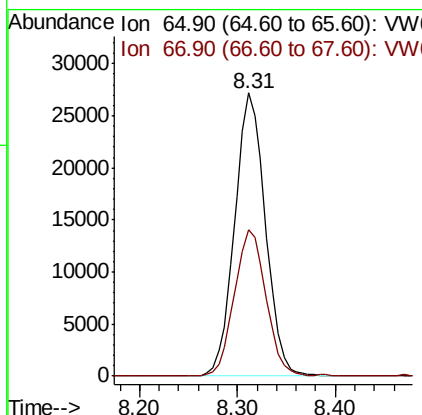
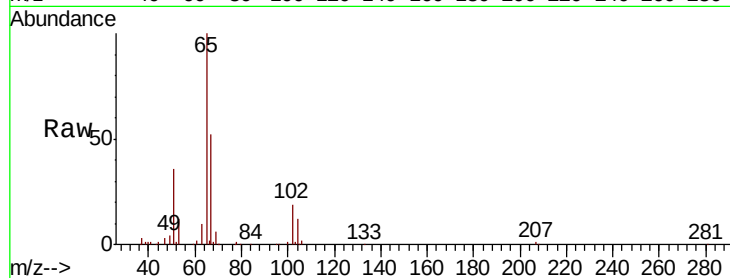




#33
 1,2-Dichloroethane-d4
 Concen: 36.57 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005470.D
 Acq: 18 Sep 2018 09:15

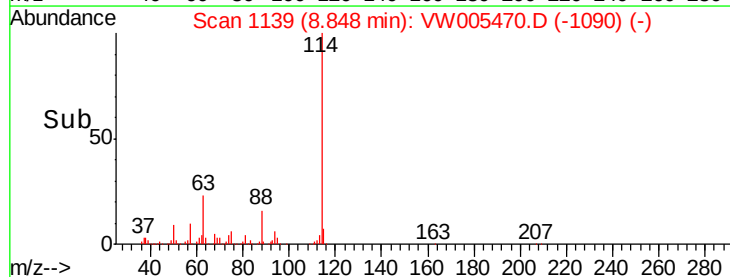
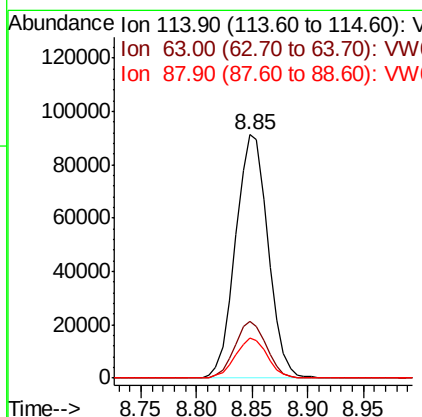
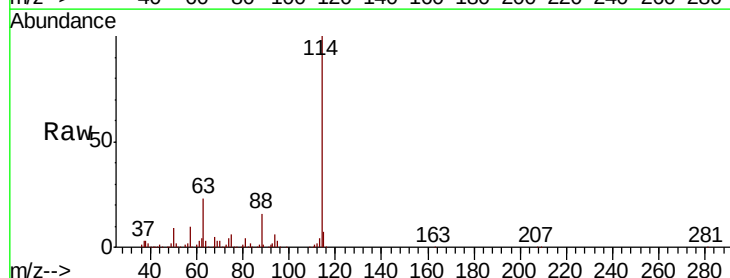
Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-3

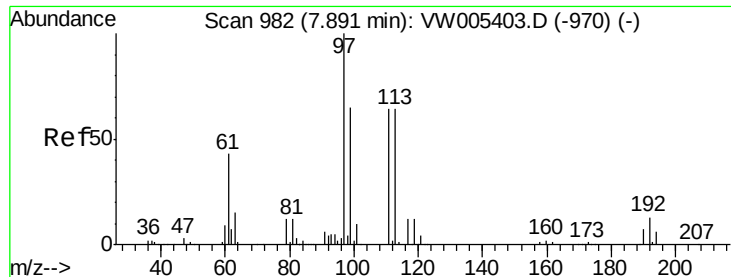
Tot Ion: 65 Resp: 59292
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005470.D
 Acq: 18 Sep 2018 09:15

Tgt Ion: 114 Resp: 184964
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.4
 88 16.4 0.0 31.8

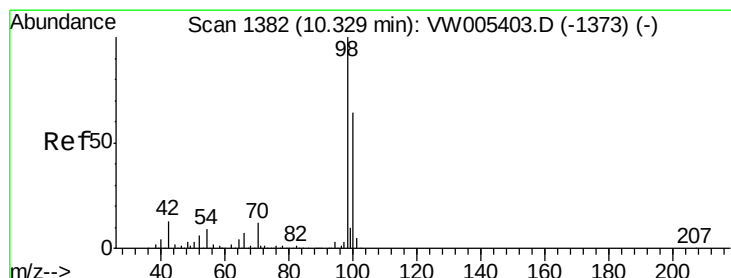
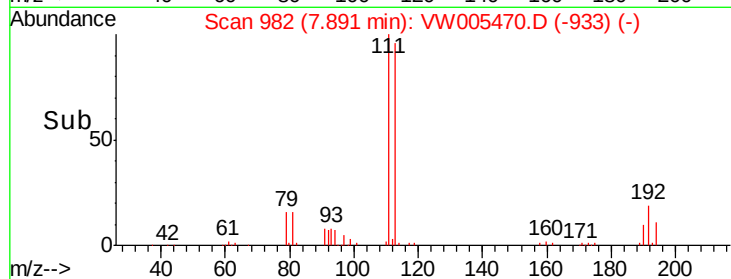
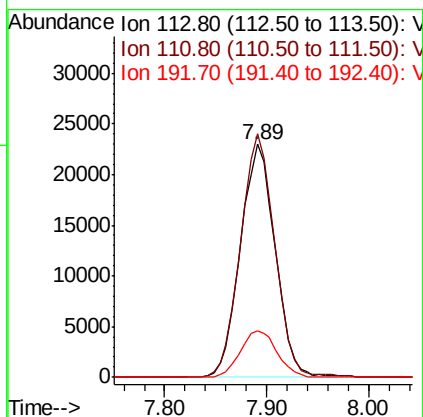
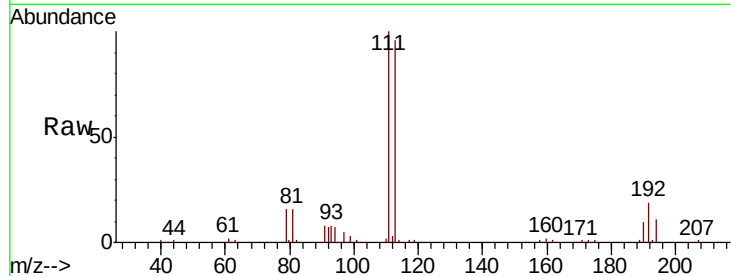




#35
 Dibromofluoromethane
 Concen: 52.62 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005470.D
 Acq: 18 Sep 2018 09:15

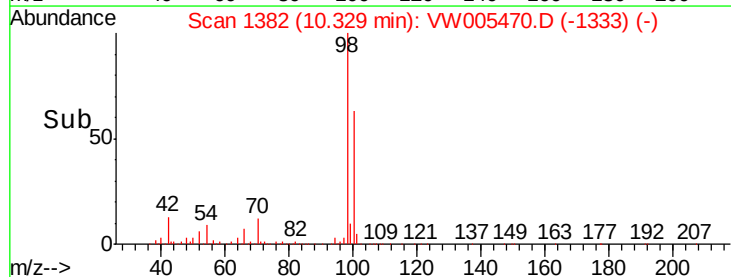
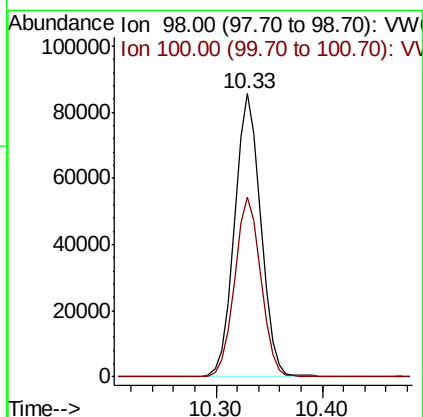
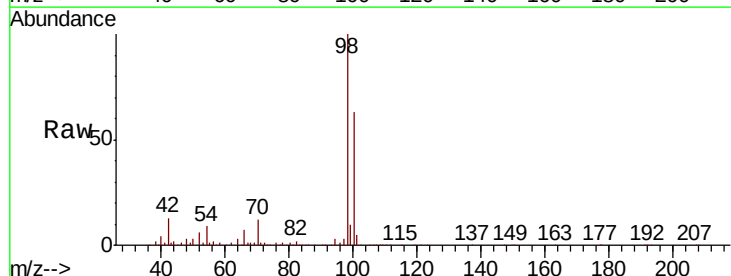
Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-3

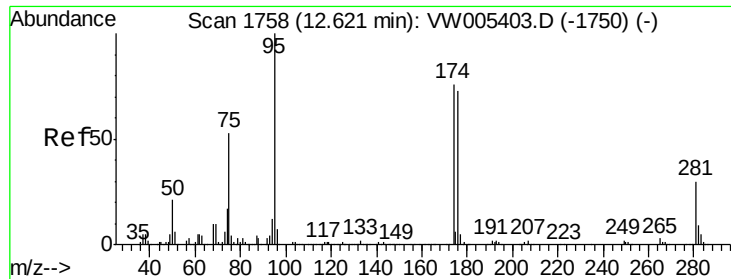
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.3	123.5
192	20.8	16.5	24.7



#50
 Toluene-d8
 Concen: 31.26 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005470.D
 Acq: 18 Sep 2018 09:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 11.37 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005470.D

Acq: 18 Sep 2018 09:15

Instrument :

MSVOA_W

ClientSampleId :

PHASE-3

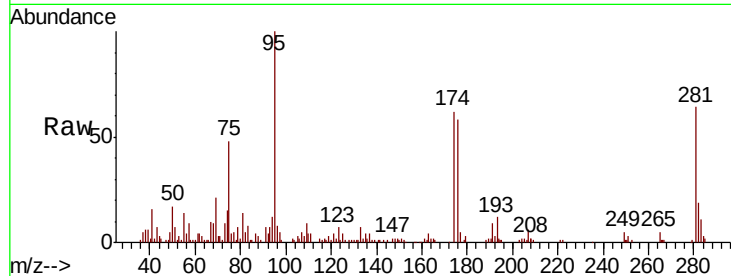
Tot Ion: 95 Resp: 19801

Ion Ratio Lower Upper

95 100

174 68.7 0.0 161.2

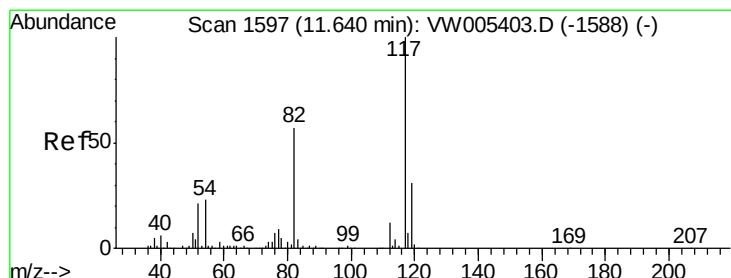
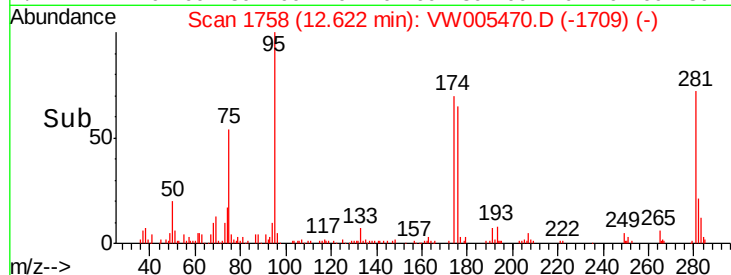
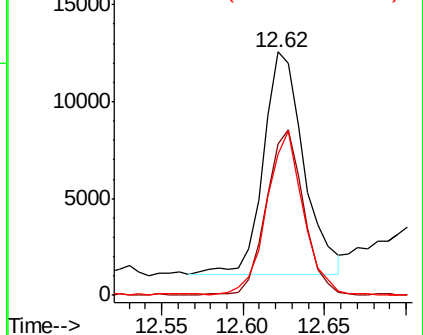
176 67.2 0.0 156.6



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: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005470.D

Acq: 18 Sep 2018 09:15

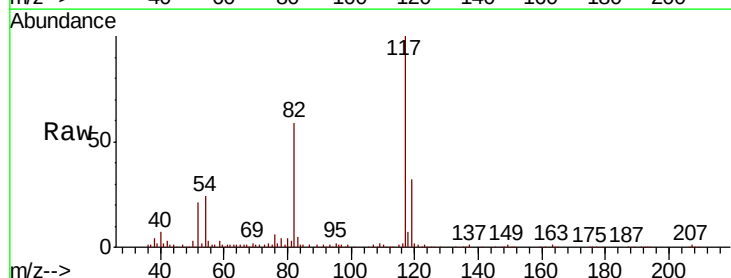
Tgt Ion: 117 Resp: 78593

Ion Ratio Lower Upper

117 100

82 58.1 45.9 68.9

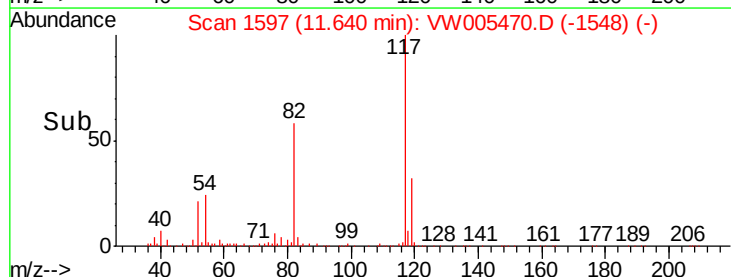
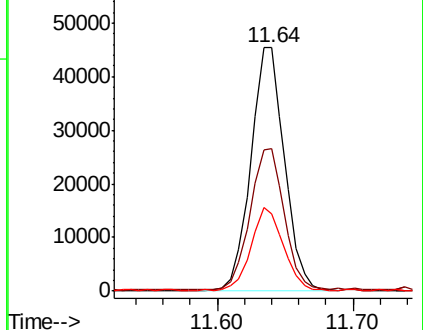
119 31.4 24.8 37.2

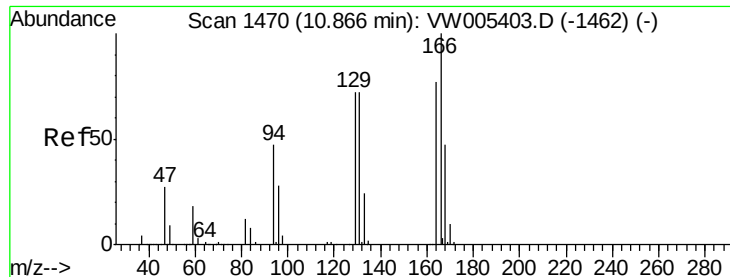


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 33.78 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005470.D

Acq: 18 Sep 2018 09:15

Instrument :

MSVOA_W

ClientSampleId :

PHASE-3

Tot Ion:164 Resp: 19621

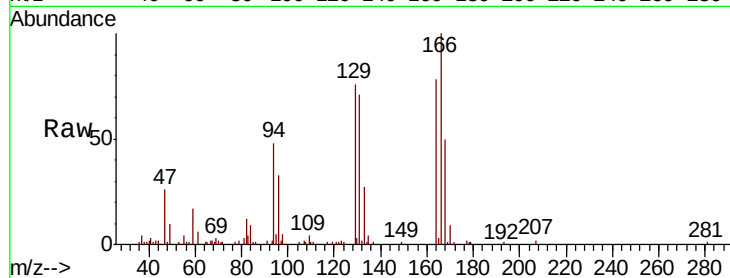
Ion Ratio Lower Upper

164 100

166 127.8 104.0 156.0

129 97.1 74.9 112.3

131 90.6 75.3 112.9

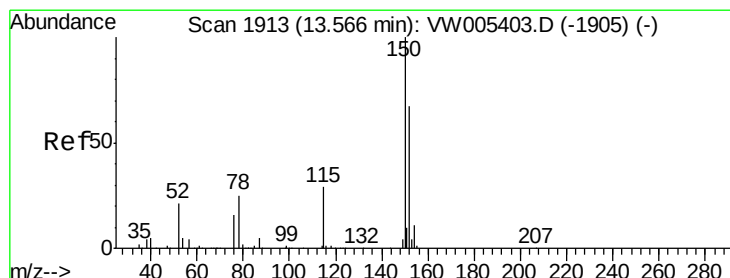
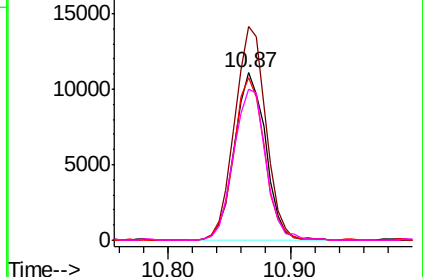
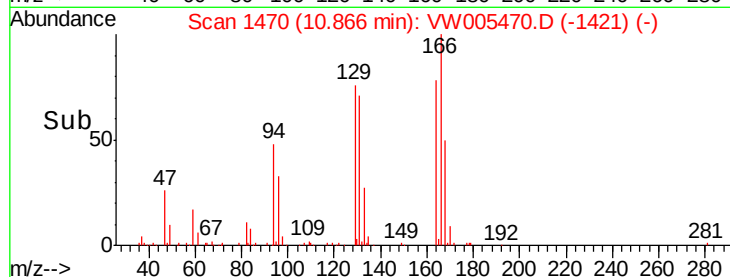


Abundance Ion 163.80 (163.50 to 164.50): V

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: VW005470.D

Acq: 18 Sep 2018 09:15

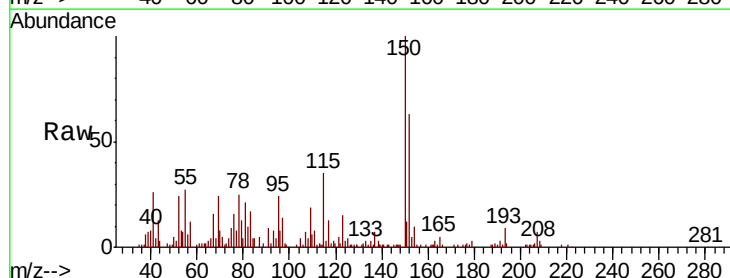
Tgt Ion:152 Resp: 15266

Ion Ratio Lower Upper

152 100

115 54.5 29.5 88.5

150 138.9 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

