

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005495.D
 Acq On : 18 Sep 2018 22:10
 Operator : SY/AP
 Sample : J4936-39RE
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 26KVRE

Quant Time: Sep 19 06:51:51 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

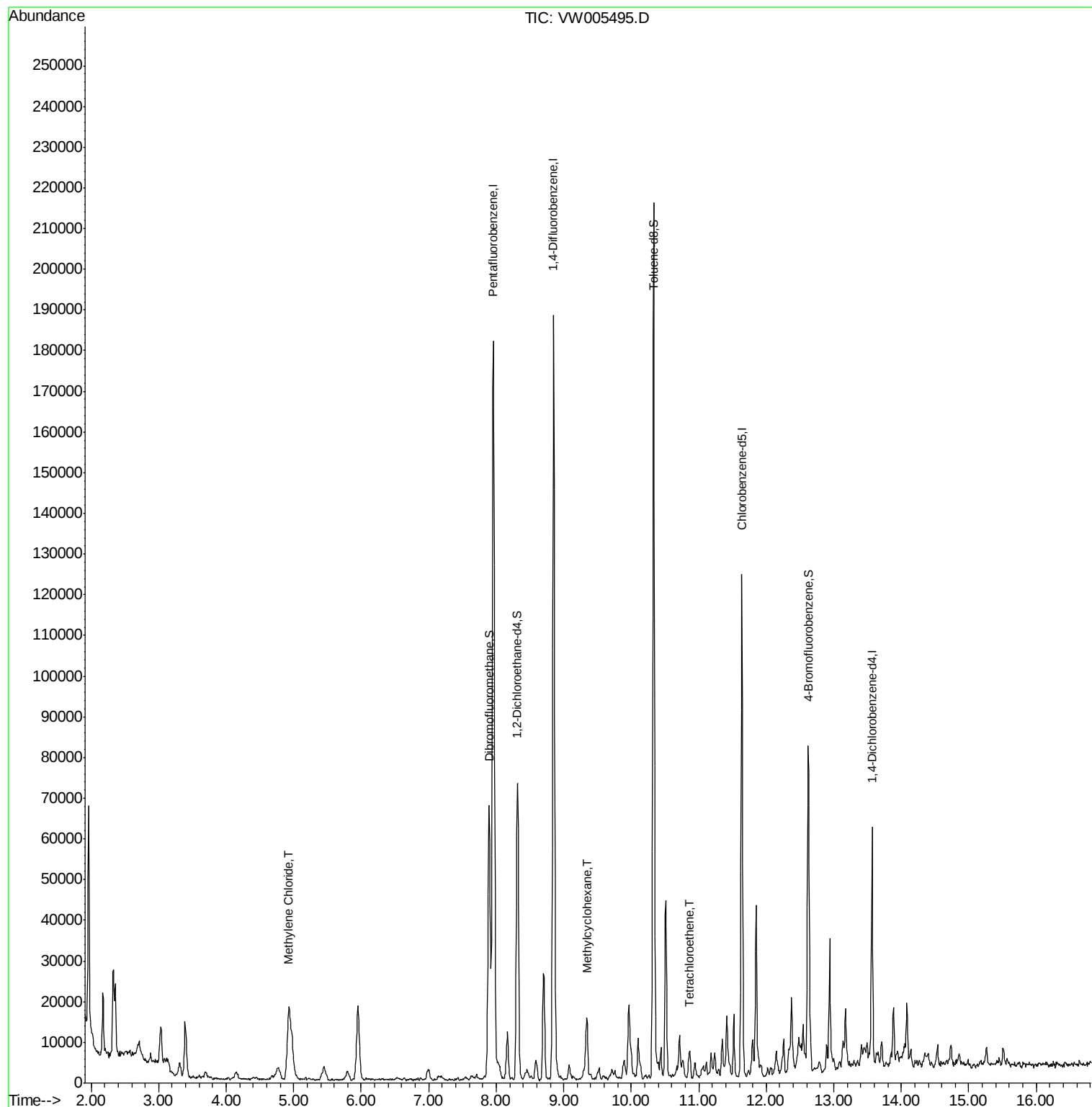
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	129297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	156944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	68914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	15382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	59259	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
35) Dibromofluoromethane	7.89	113	48545	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.34%	
50) Toluene-d8	10.33	98	141300	35.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.12%	
62) 4-Bromofluorobenzene	12.62	95	19679	13.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.64%	
Target Compounds						
20) Methylene Chloride	4.92	84	11968	3.67	ug/l	95
39) Methylcyclohexane	9.34	83	5007	2.90	ug/l	91
64) Tetrachloroethene	10.87	164	1188	2.33	ug/l	86

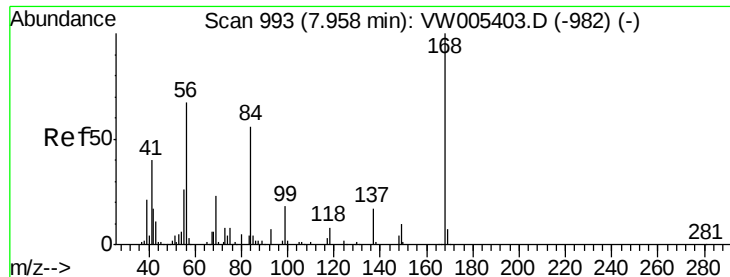
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005495.D

Acq: 18 Sep 2018 22:10

Instrument :

MSVOA_W

ClientSampleId :

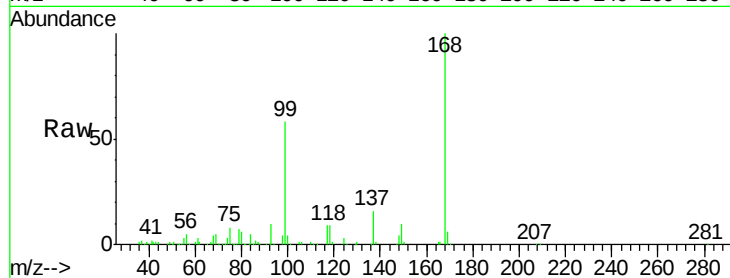
26KVRE

Tot Ion:168 Resp: 129297

Ion Ratio Lower Upper

168 100

99 57.2 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

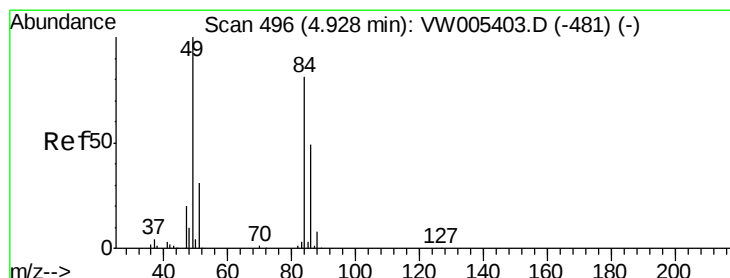
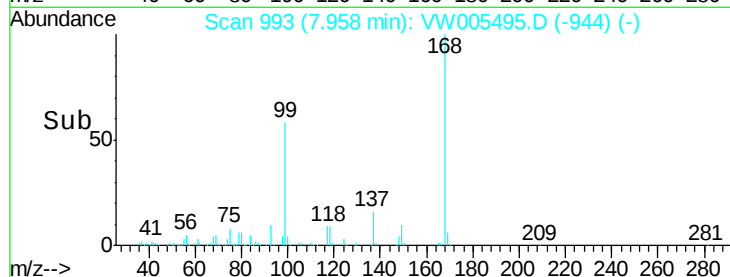
40000

20000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 3.67 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005495.D

Acq: 18 Sep 2018 22:10

Tgt Ion: 84 Resp: 11968

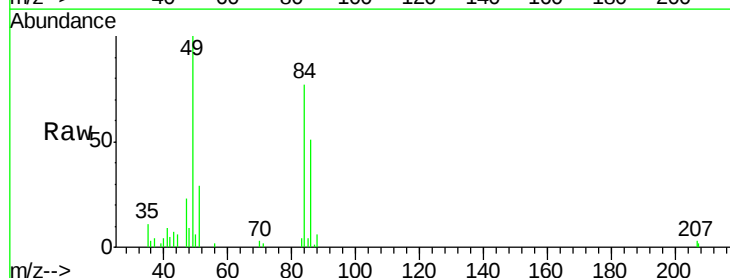
Ion Ratio Lower Upper

84 100

49 130.5 99.3 148.9

51 38.3 31.1 46.7

86 67.2 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

4.92

6000

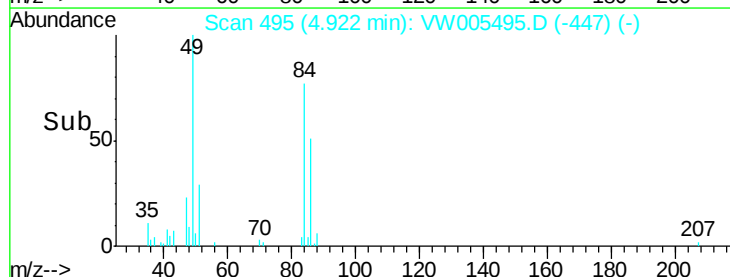
4000

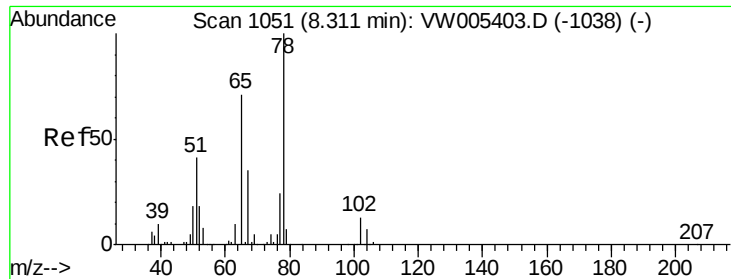
2000

0

Time-->

4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 44.15 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005495.D

Acq: 18 Sep 2018 22:10

Instrument :

MSVOA_W

ClientSampleId :

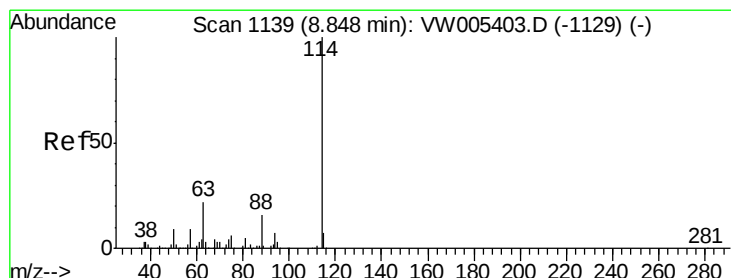
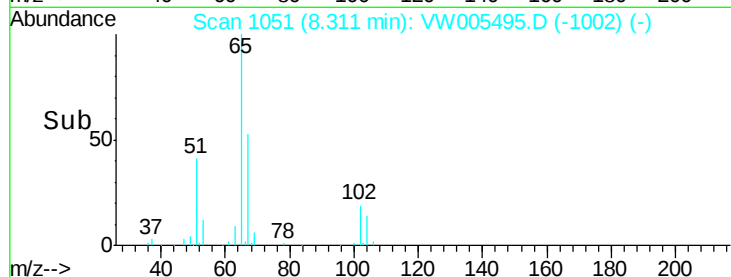
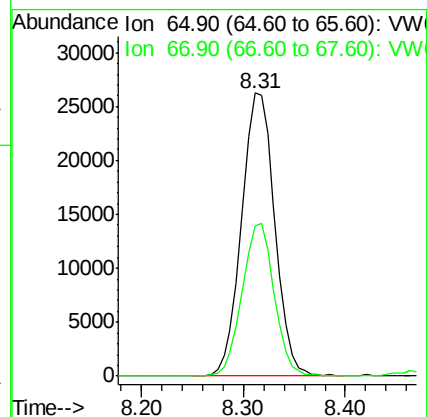
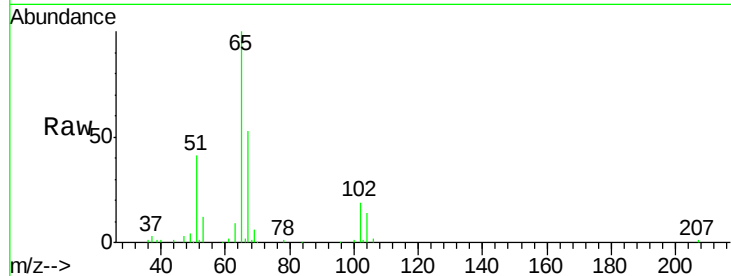
26KVRE

Tot Ion: 65 Resp: 59259

Ion Ratio Lower Upper

65 100

67 52.1 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: VW005495.D

Acq: 18 Sep 2018 22:10

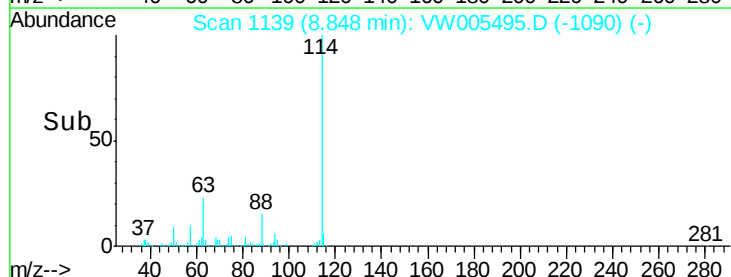
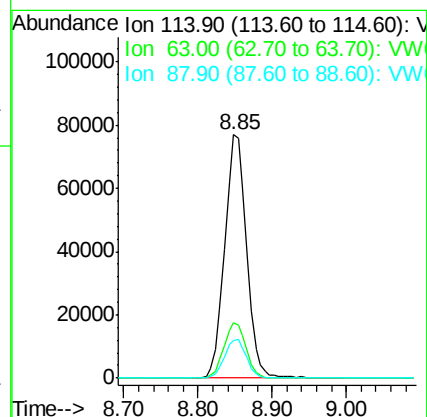
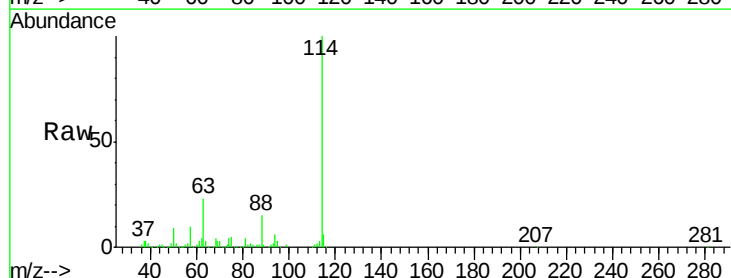
Tgt Ion: 114 Resp: 156944

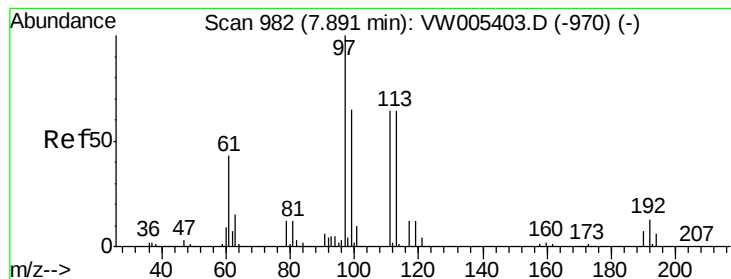
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.17 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005495.D

Acq: 18 Sep 2018 22:10

Instrument :

MSVOA_W

ClientSampled :

26KVRE

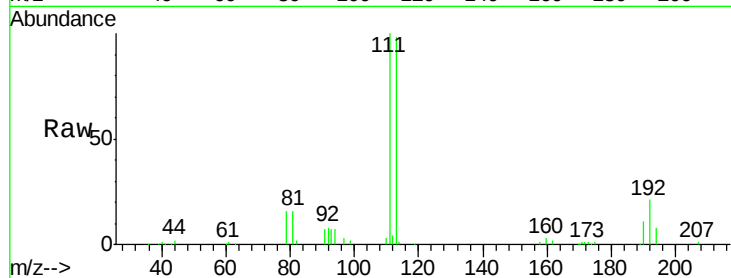
Tot Ion:113 Resp: 48545

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

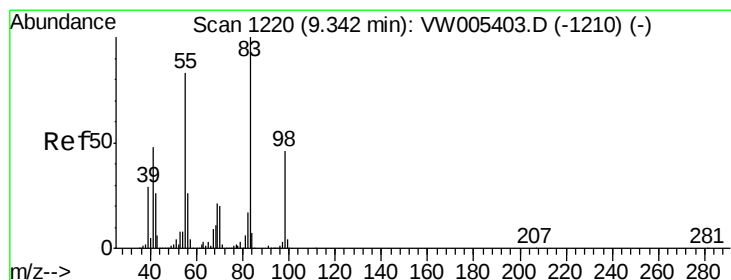
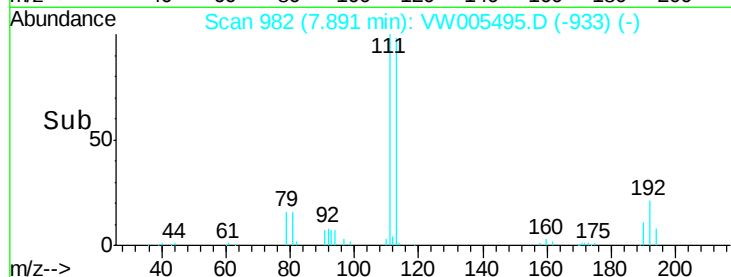
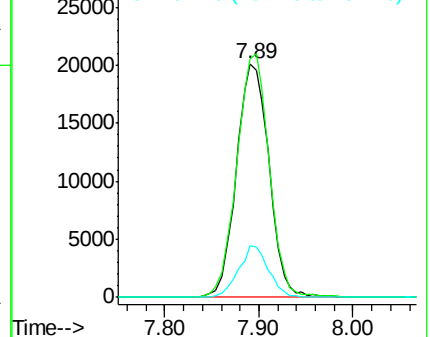
192 20.2 16.5 24.7



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



#39

Methylcyclohexane

Concen: 2.90 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.00 min

Lab File: VW005495.D

Acq: 18 Sep 2018 22:10

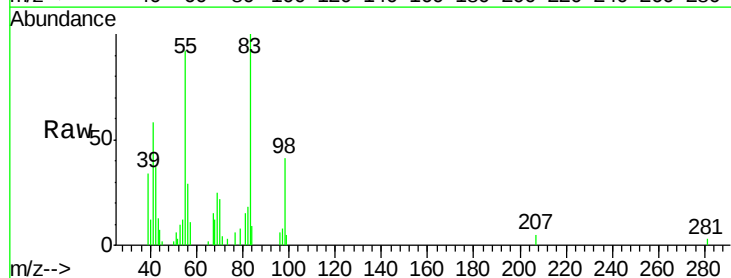
Tgt Ion: 83 Resp: 5007

Ion Ratio Lower Upper

83 100

55 91.6 66.1 99.1

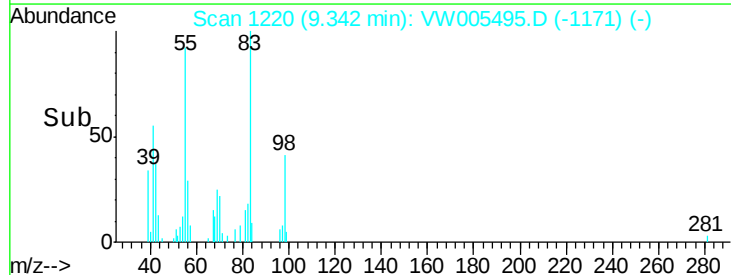
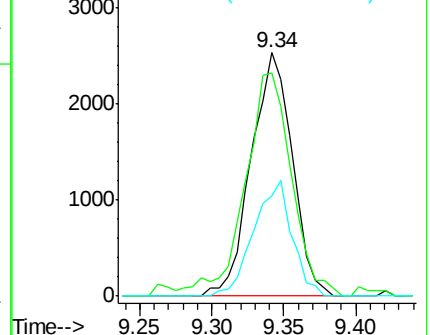
98 41.1 36.7 55.1

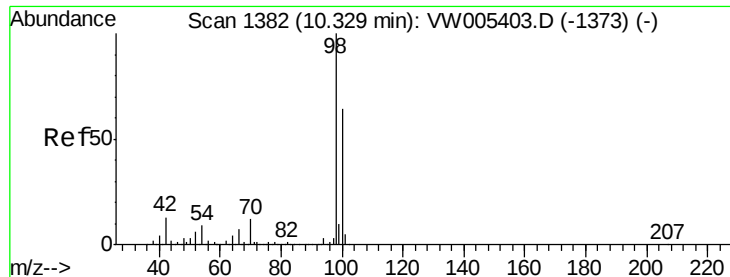


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 35.06 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005495.D

Acq: 18 Sep 2018 22:10

Instrument :

MSVOA_W

ClientSampleId :

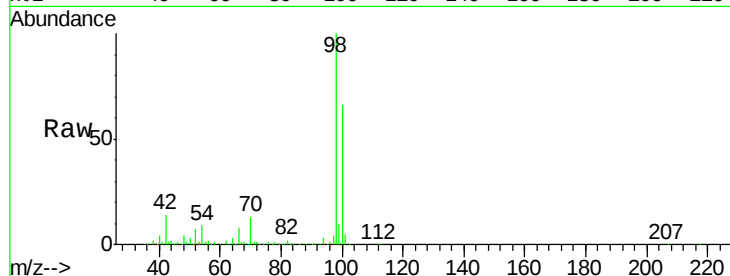
26KVRE

Tot Ion: 98 Resp: 141300

Ion Ratio Lower Upper

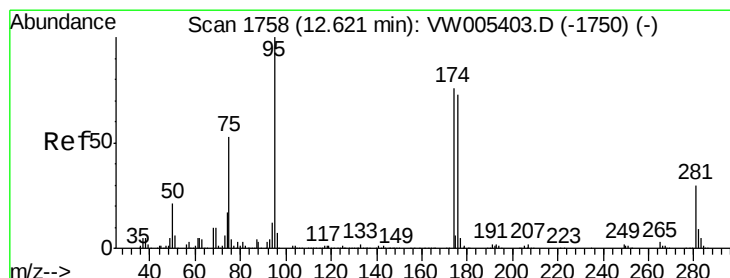
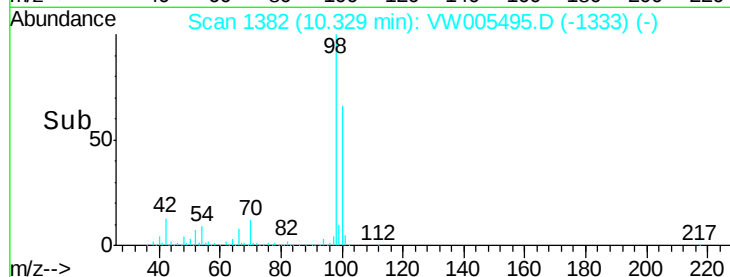
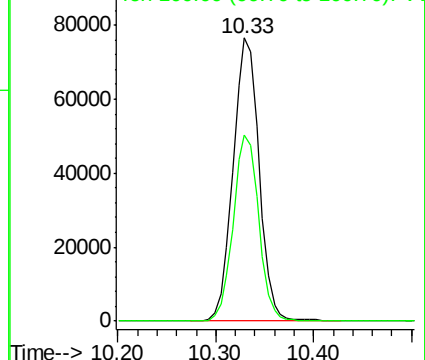
98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 13.32 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005495.D

Acq: 18 Sep 2018 22:10

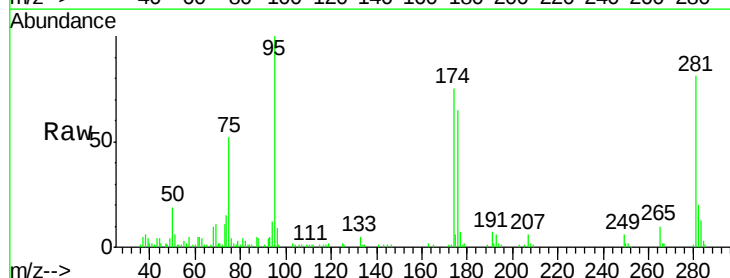
Tgt Ion: 95 Resp: 19679

Ion Ratio Lower Upper

95 100

174 72.8 0.0 161.2

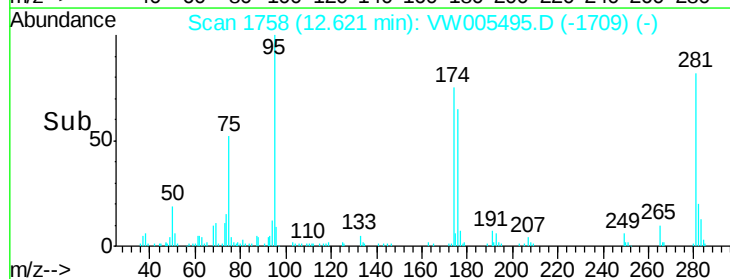
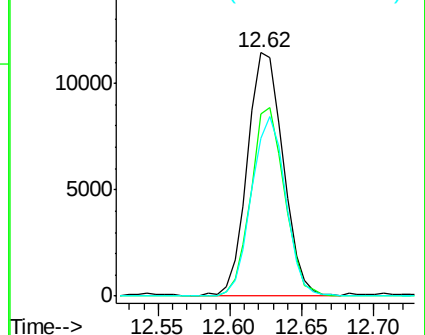
176 69.9 0.0 156.6

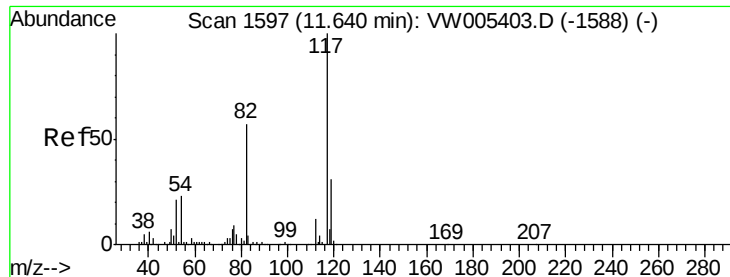


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW005495.D

Acq: 18 Sep 2018 22:10

Instrument :

MSVOA_W

ClientSampleId :

26KVRE

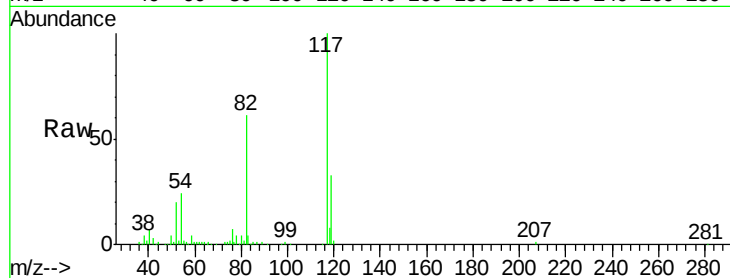
Tot Ion:117 Resp: 68914

Ion Ratio Lower Upper

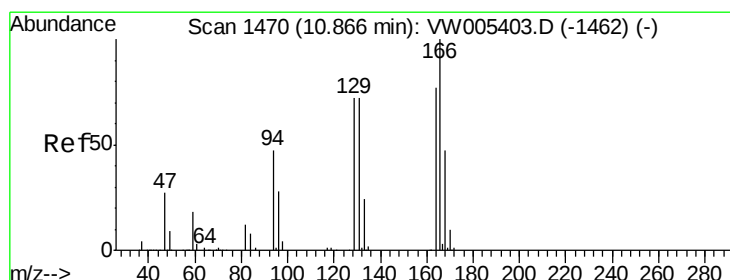
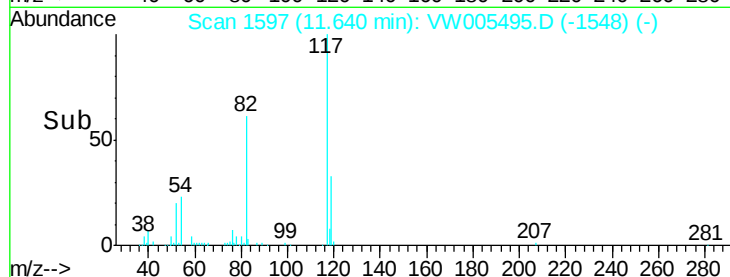
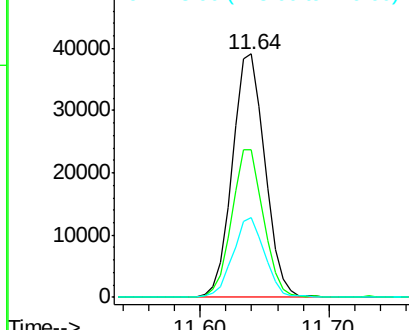
117 100

82 60.4 45.9 68.9

119 33.0 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: 2.33 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005495.D

Acq: 18 Sep 2018 22:10

Tgt Ion:164 Resp: 1188

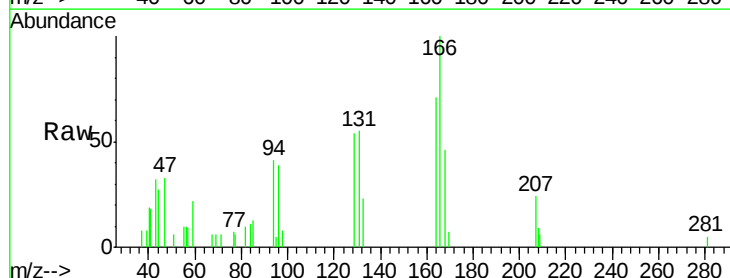
Ion Ratio Lower Upper

164 100

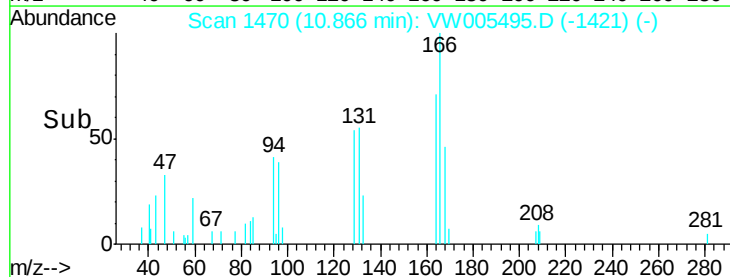
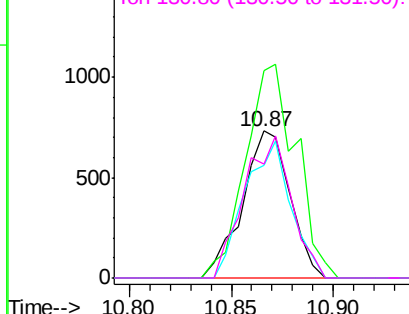
166 141.7 104.0 156.0

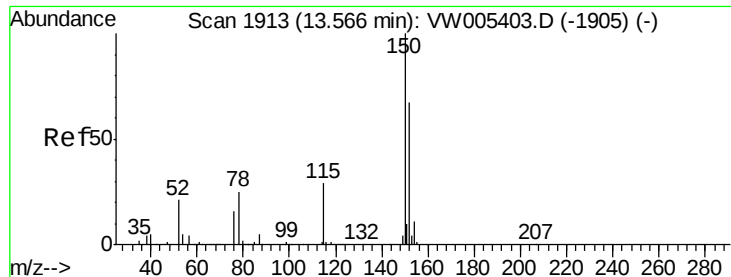
129 77.0 74.9 112.3

131 77.6 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: VW005495.D

Acq: 18 Sep 2018 22:10

Instrument :

MSVOA_W

ClientSampleId :

26KVRE

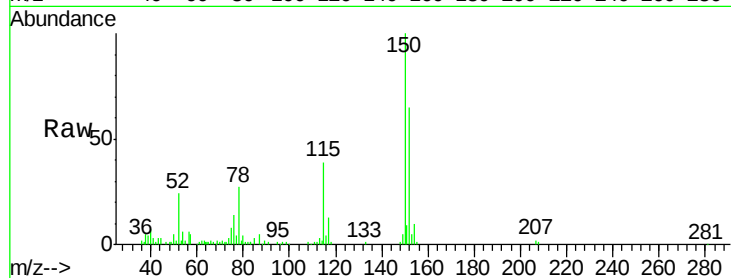
Tot Ion:152 Resp: 15382

Ion Ratio Lower Upper

152 100

115 58.9 29.5 88.5

150 151.2 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

