

Data File : VW009026.D
Acq On : 06 Mar 2019 20:11
Operator : SY/VA
Sample : K1760-03
Misc : 5.29G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
Z2-8

Quant Time: Mar 07 07:53:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

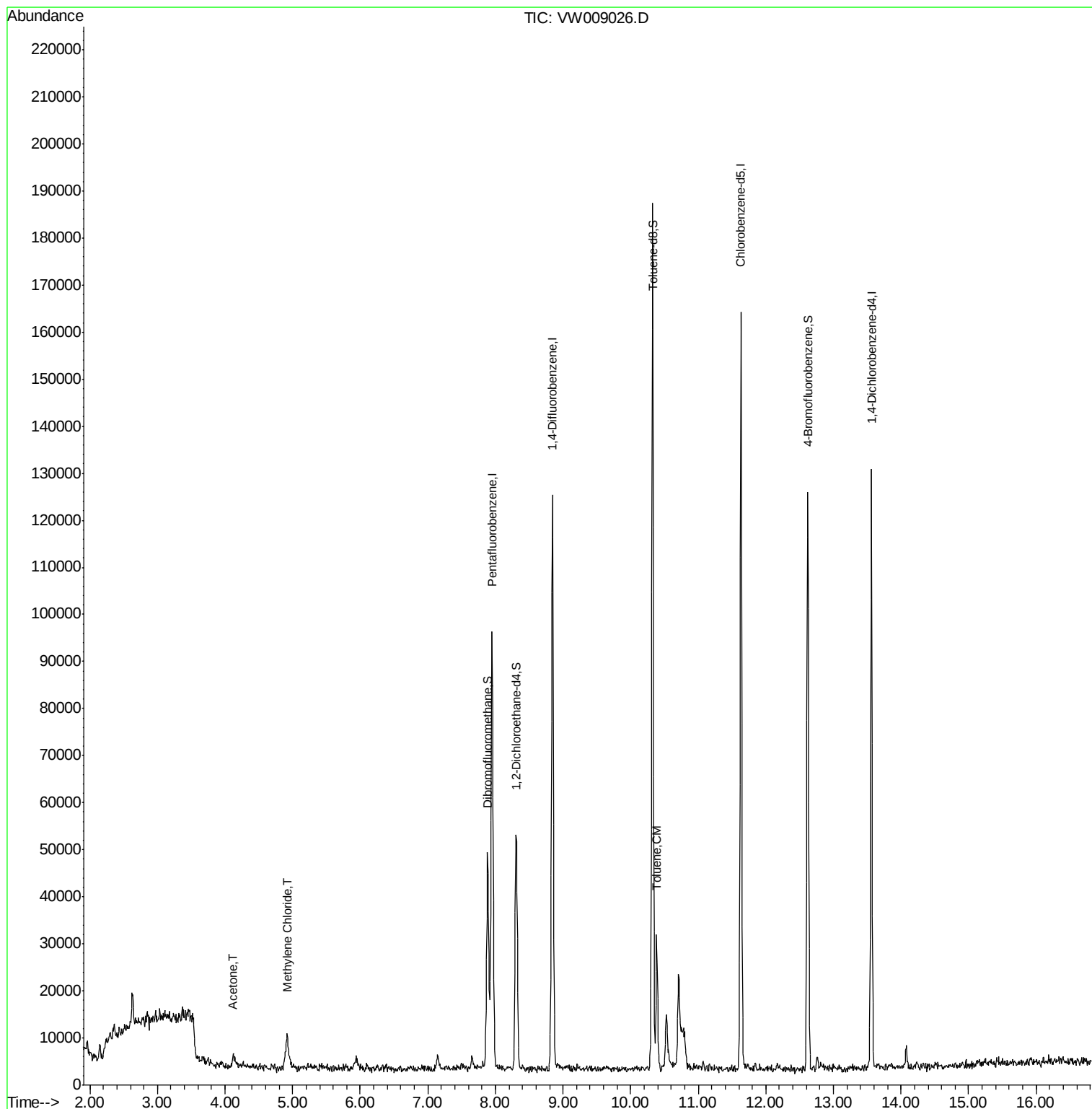
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	7.95	168	68839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	96894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	86845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37641	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
35) Dibromofluoromethane	7.88	113	29414	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	10.32	98	116407	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.62	95	36033	38.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.84%	
Target Compounds						Qvalue
16) Acetone	4.12	43	4451	31.379	ug/l #	79
20) Methylene Chloride	4.93	84	4770	4.690	ug/l #	82
52) Toluene	10.38	92	11278	6.429	ug/l	100
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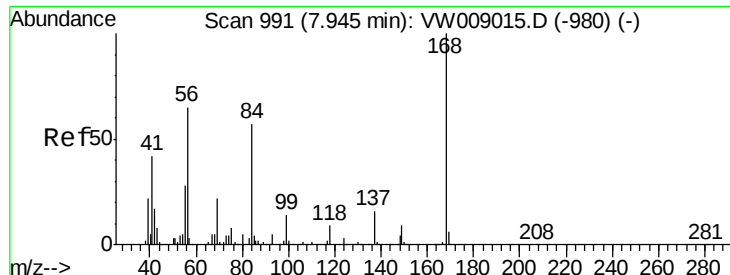
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009026.D

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Instrument :

MSVOA_W

ClientSampleId :

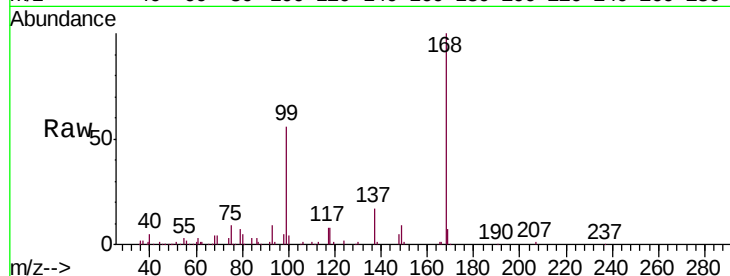
Z2-8

Tgt Ion:168 Resp: 68839

Ion Ratio Lower Upper

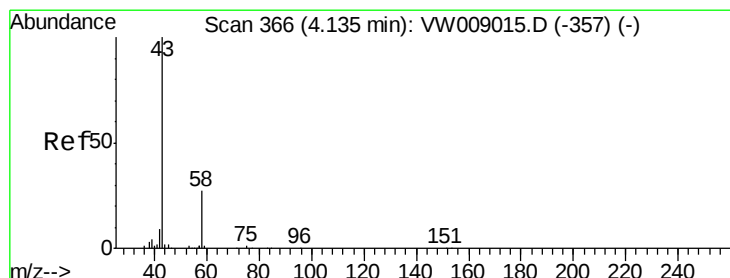
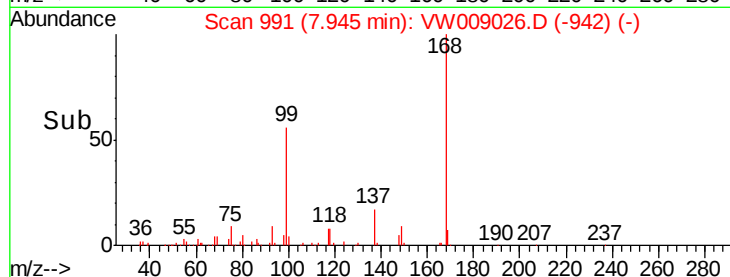
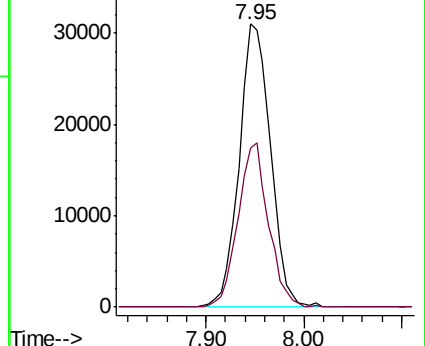
168 100

99 56.4 43.5 65.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 31.379 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009026.D

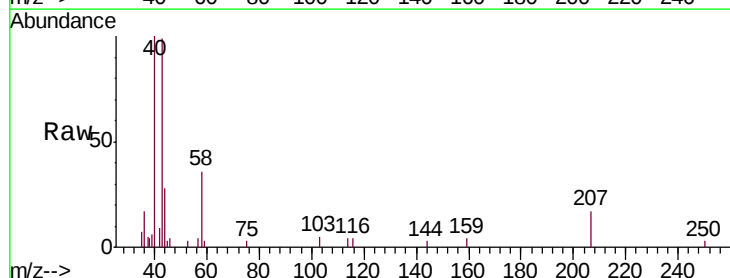
Acq: 06 Mar 2019 20:11

Tgt Ion: 43 Resp: 4451

Ion Ratio Lower Upper

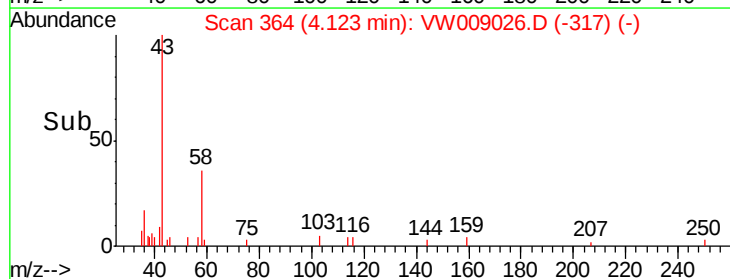
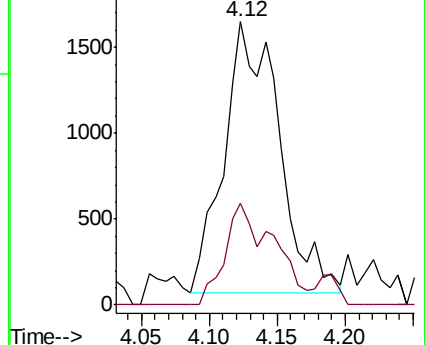
43 100

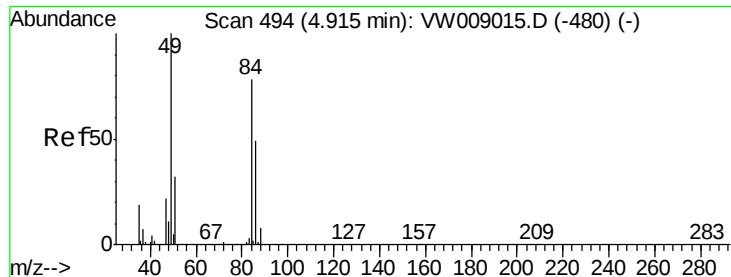
58 37.7 21.6 32.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

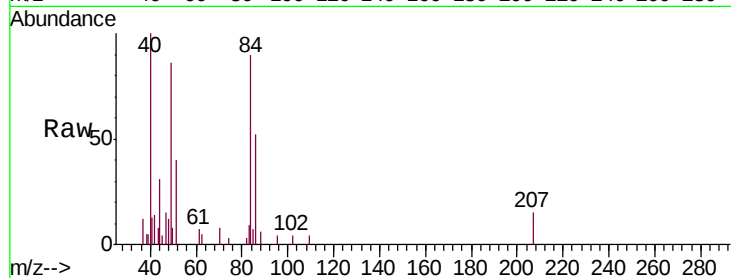




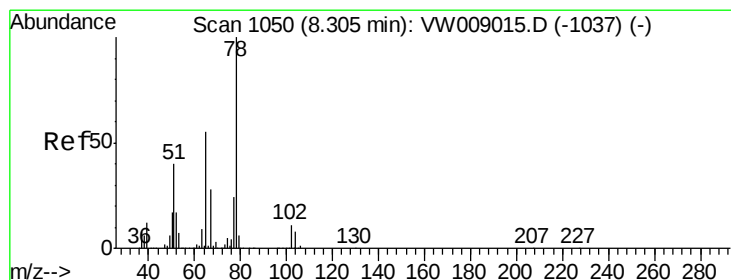
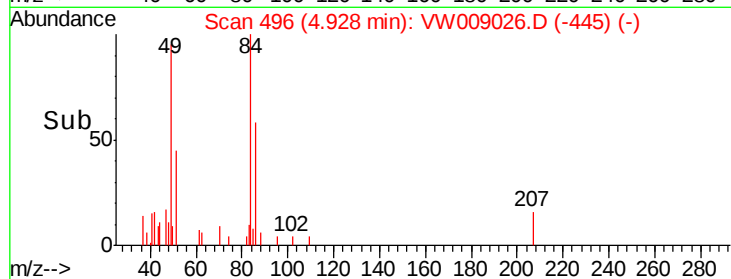
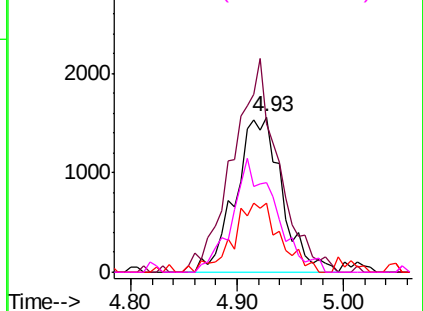
#20
Methylene Chloride
Concen: 4.690 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW009026.D
Acq: 06 Mar 2019 20:11

Instrument :
MSVOA_W
ClientSampled :
Z2-8

Tgt Ion: 84 Resp: 4770
Ion Ratio Lower Upper
84 100
49 95.3 102.8 154.2#
51 40.5 32.4 48.6
86 57.9 50.3 75.5

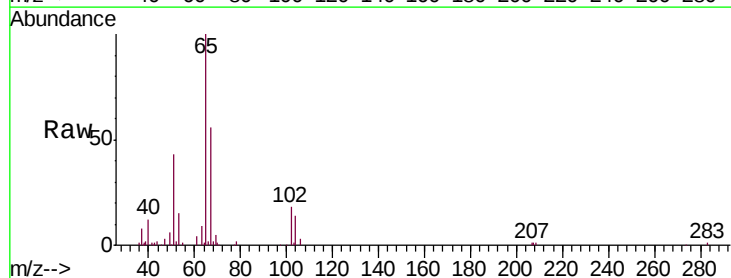


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

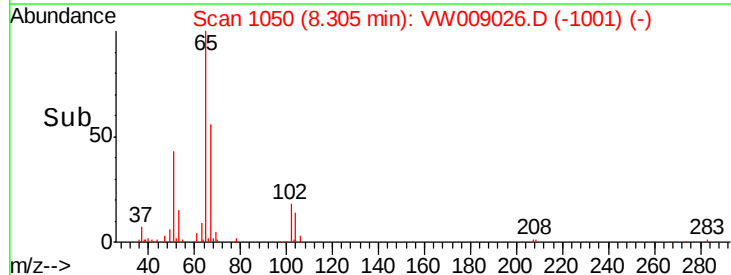
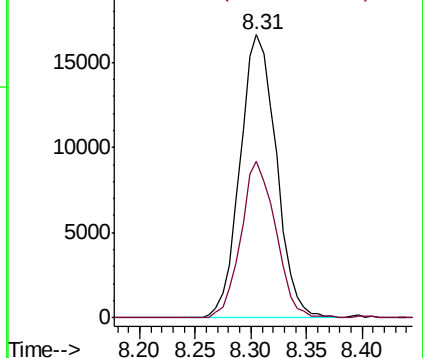


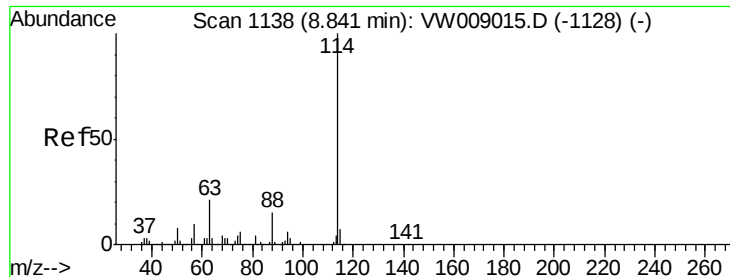
#33
1,2-Dichloroethane-d4
Concen: 54.503 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009026.D
Acq: 06 Mar 2019 20:11

Tgt Ion: 65 Resp: 37641
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

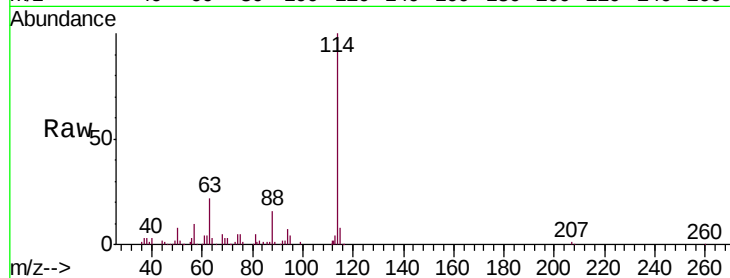




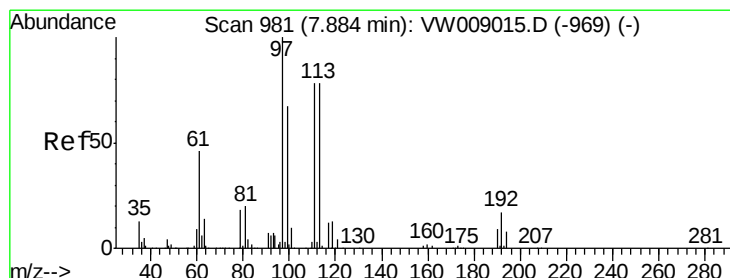
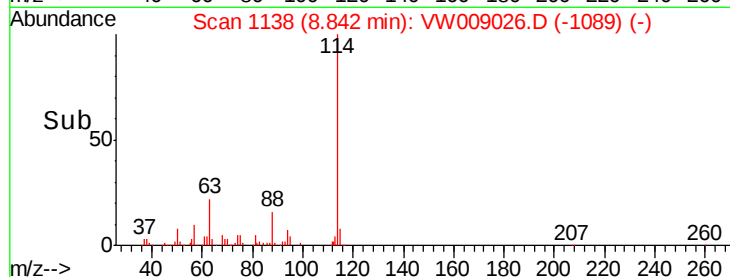
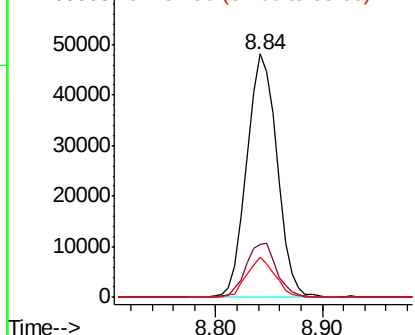
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009026.D
 Acq: 06 Mar 2019 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 Z2-8

Tgt Ion:114 Resp: 96894
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 16.3 0.0 30.8

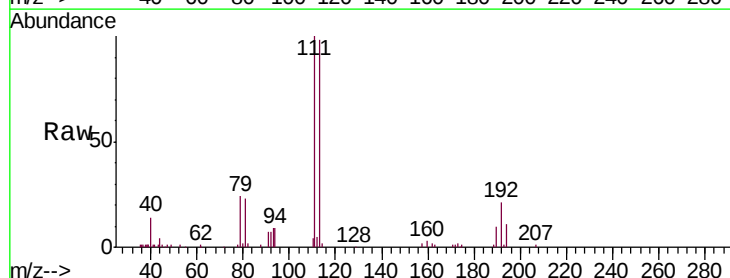


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

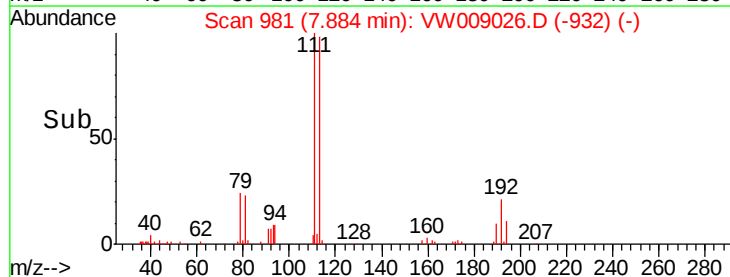
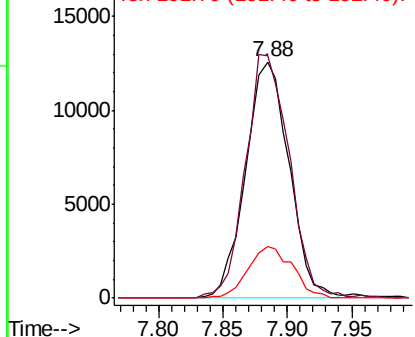


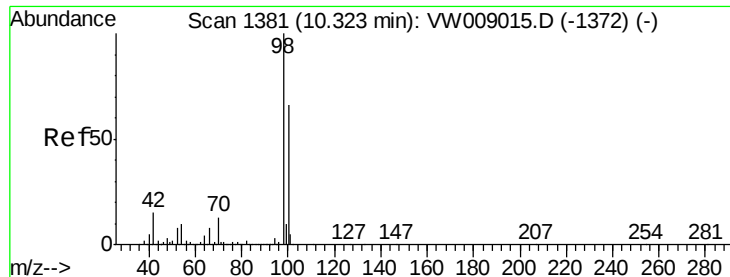
#35
 Dibromofluoromethane
 Concen: 50.428 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009026.D
 Acq: 06 Mar 2019 20:11

Tgt Ion:113 Resp: 29414
 Ion Ratio Lower Upper
 113 100
 111 103.4 80.5 120.7
 192 22.2 16.7 25.1



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: 48.563 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009026.D

Acq: 06 Mar 2019 20:11

Instrument :

MSVOA_W

ClientSampleId :

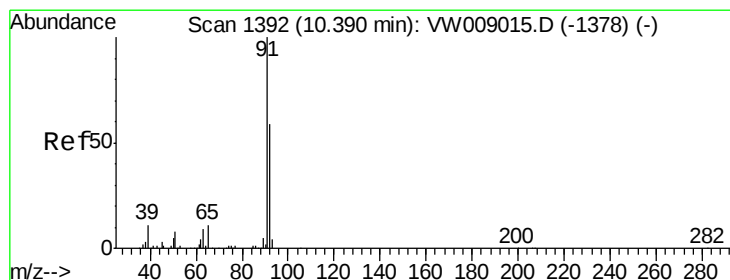
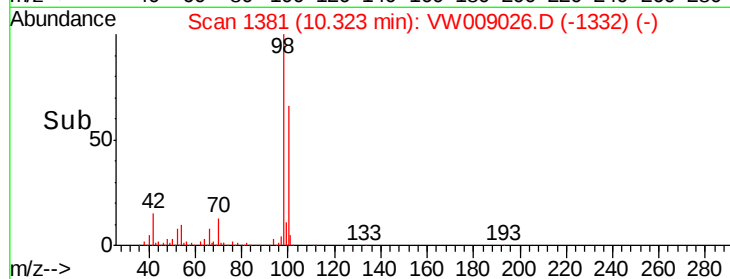
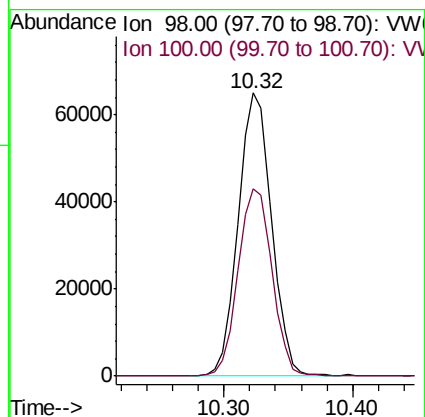
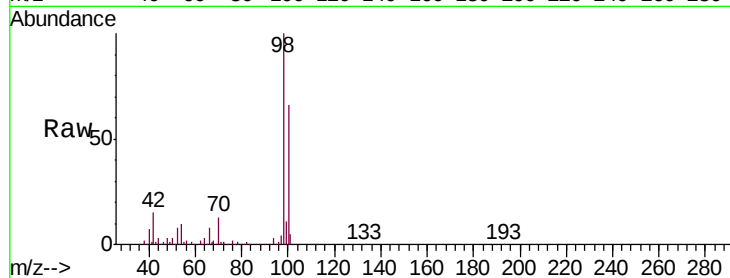
Z2-8

Tgt Ion: 98 Resp: 116407

Ion Ratio Lower Upper

98 100

100 67.3 52.9 79.3



#52

Toluene

Concen: 6.429 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW009026.D

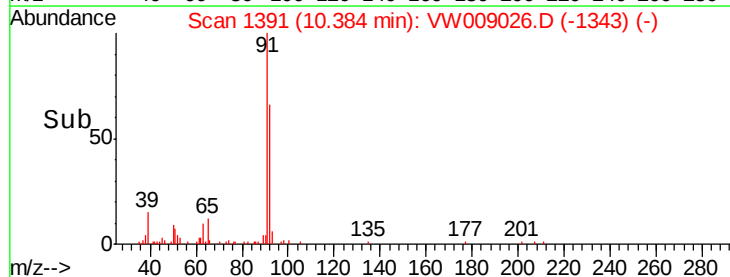
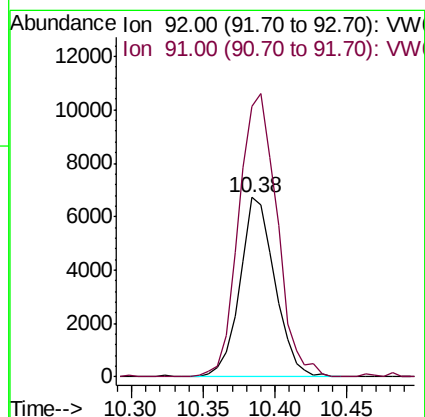
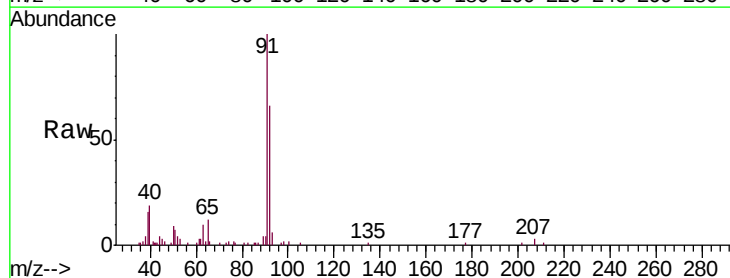
Acq: 06 Mar 2019 20:11

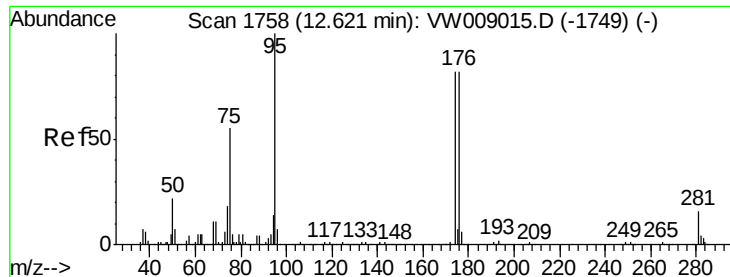
Tgt Ion: 92 Resp: 11278

Ion Ratio Lower Upper

92 100

91 173.2 138.1 207.1





#62

4-Bromofluorobenzene

Concen: 38.924 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009026.D

Acq: 06 Mar 2019 20:11

Instrument :

MSVOA_W

ClientSampleId :

Z2-8

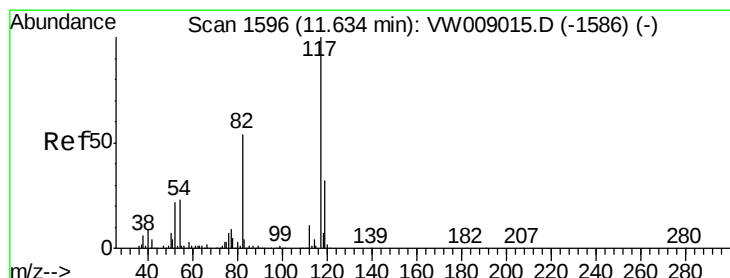
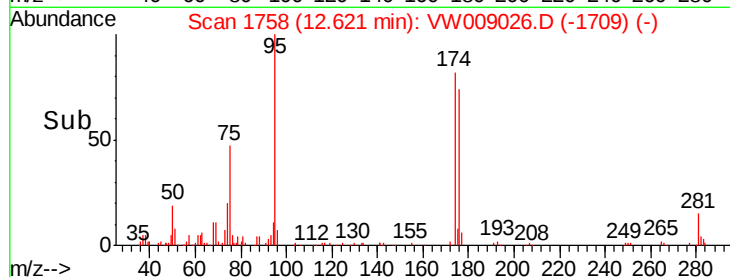
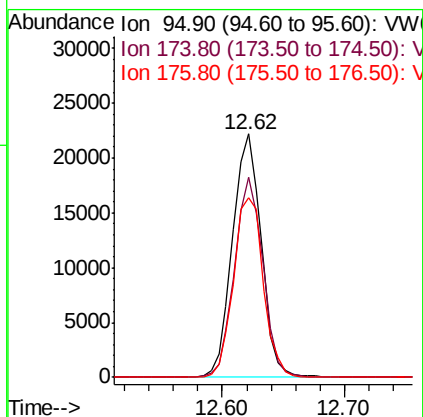
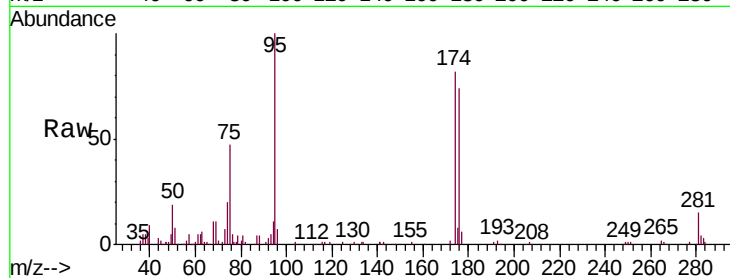
Tgt Ion: 95 Resp: 36033

Ion Ratio Lower Upper

95 100

174 81.3 0.0 165.8

176 76.1 0.0 159.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW009026.D

Acq: 06 Mar 2019 20:11

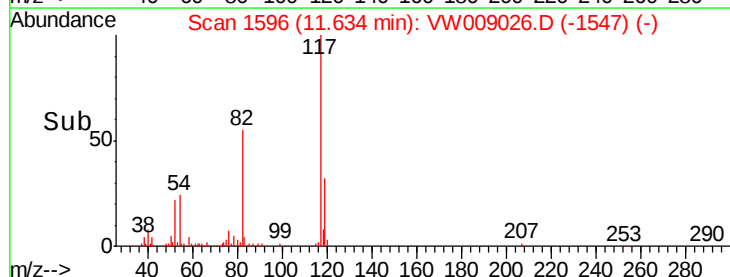
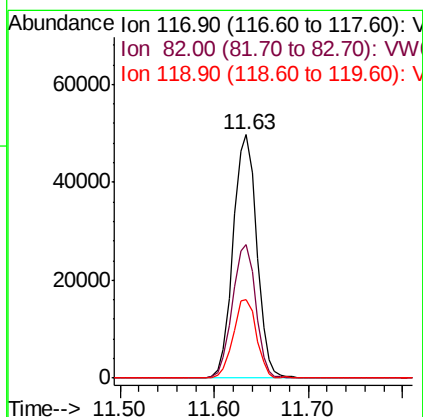
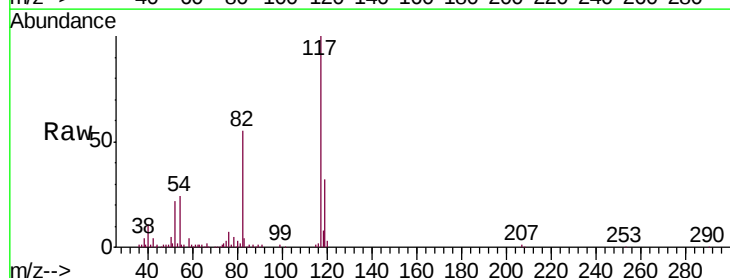
Tgt Ion: 117 Resp: 86845

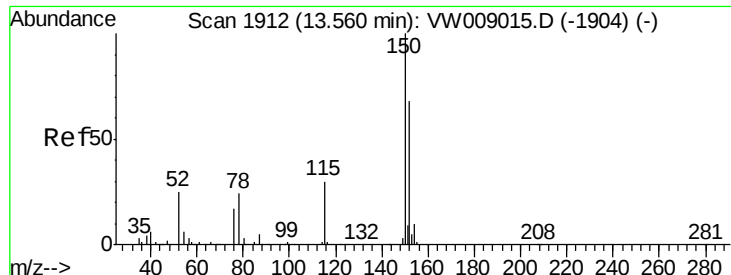
Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.2

119 32.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009026.D

Acq: 06 Mar 2019 20:11

Instrument :

MSVOA_W

ClientSampleId :

Z2-8

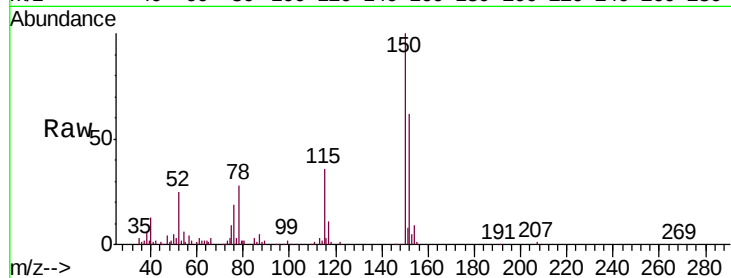
Tgt Ion:152 Resp: 31217

Ion Ratio Lower Upper

152 100

115 56.3 29.3 87.8

150 156.3 0.0 348.6



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

