

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007120.D
 Acq On : 28 Nov 2018 18:06
 Operator : VAY/AP
 Sample : J5768-07
 Misc : 6.74G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-112818

Quant Time: Nov 29 05:04:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

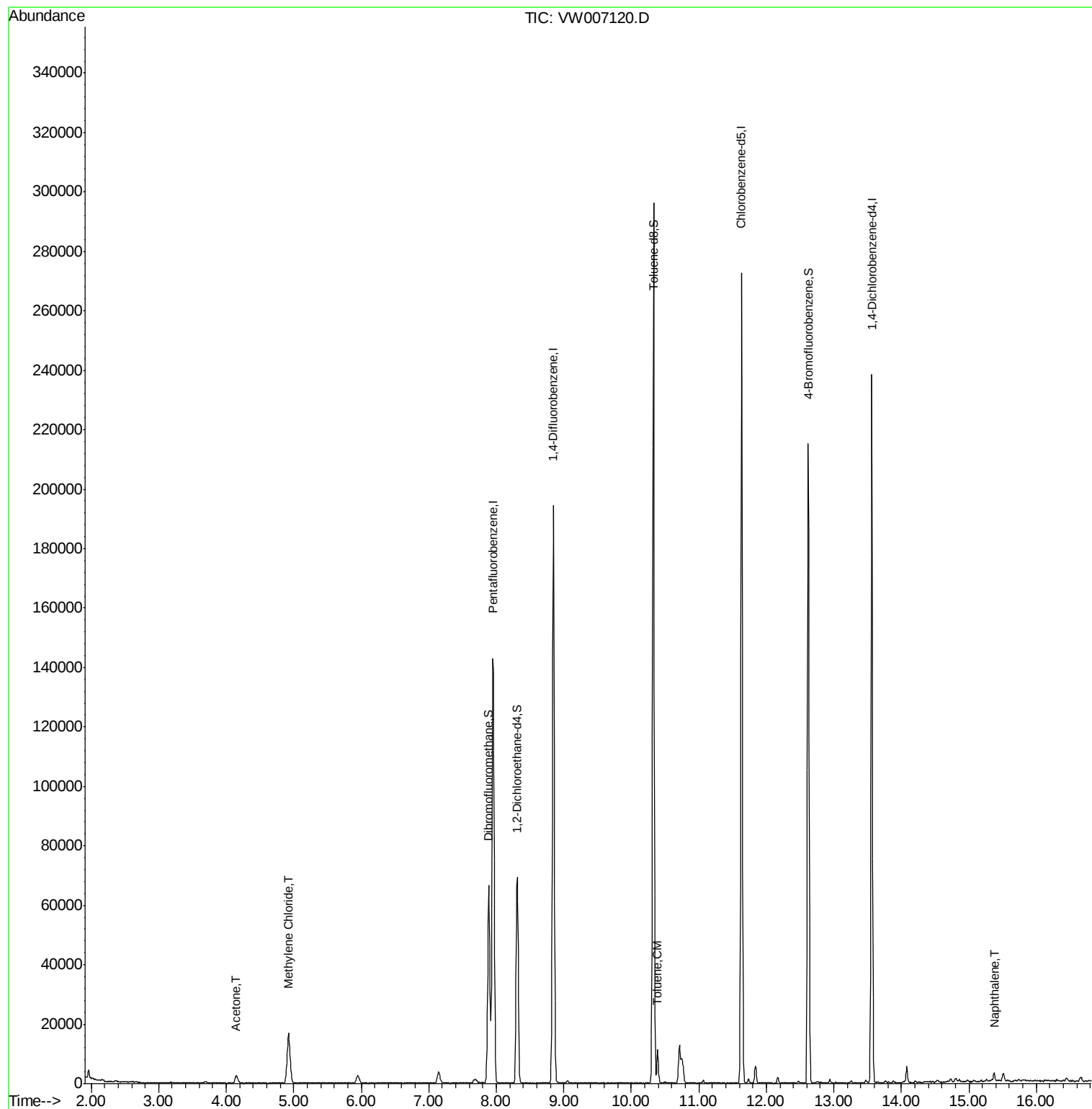
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	107811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	166976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57068	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
35) Dibromofluoromethane	7.89	113	49000	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
50) Toluene-d8	10.33	98	202891	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.62	95	72153	44.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.06%	
Target Compounds						
16) Acetone	4.15	43	5176	33.776	ug/l	93
20) Methylene Chloride	4.92	84	12977	5.859	ug/l	93
52) Toluene	10.39	92	5042	1.682	ug/l	95
95) Naphthalene	15.38	128	2944	1.308	ug/l #	96

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

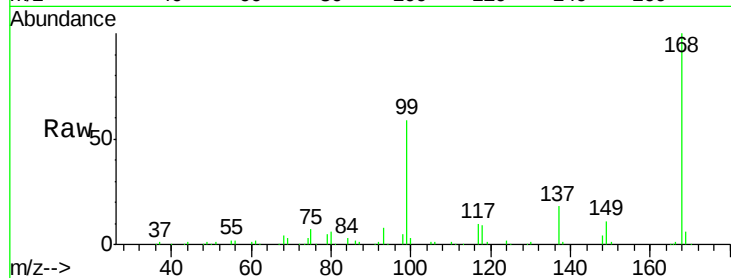
OK-01-112818

Tot Ion:168 Resp: 107811

Ion Ratio Lower Upper

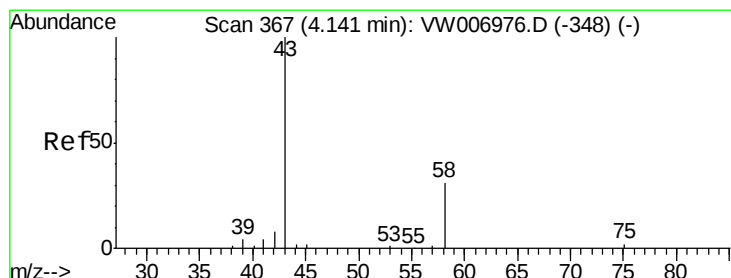
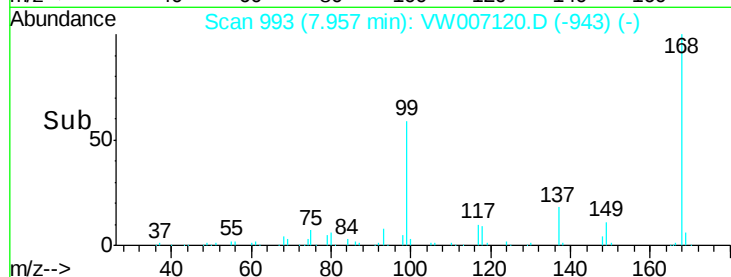
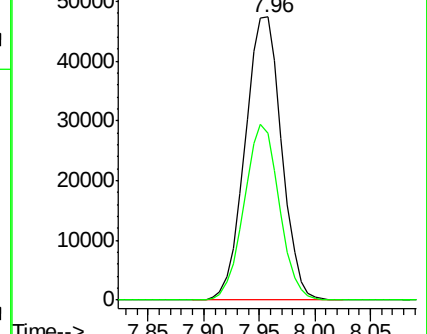
168 100

99 59.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 33.776 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007120.D

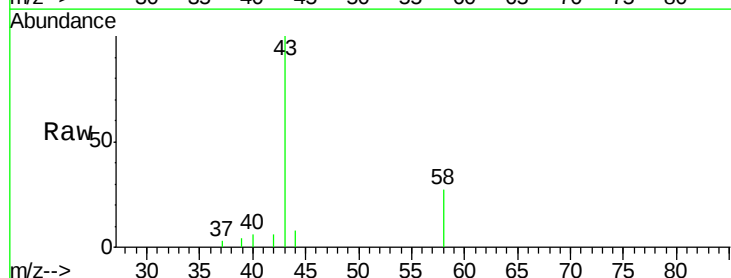
Acq: 28 Nov 2018 18:06

Tgt Ion: 43 Resp: 5176

Ion Ratio Lower Upper

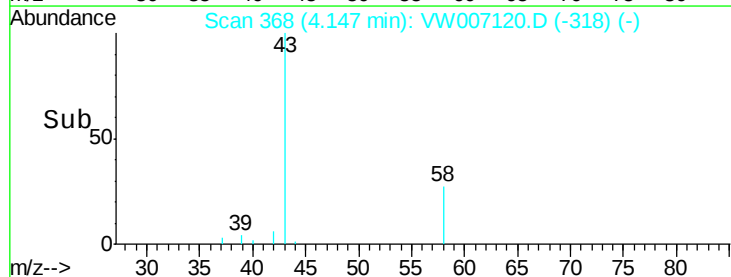
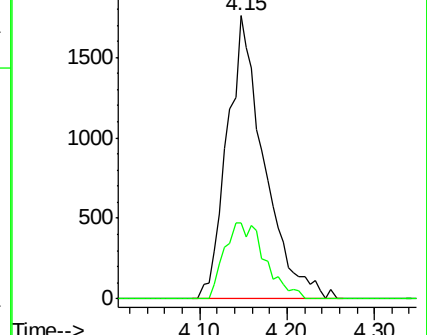
43 100

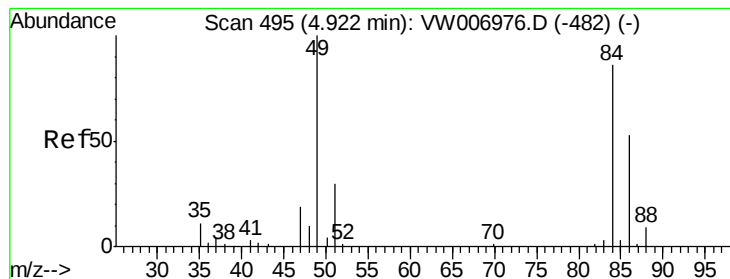
58 26.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 5.859 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

OK-01-112818

Tot Ion: 84 Resp: 12977

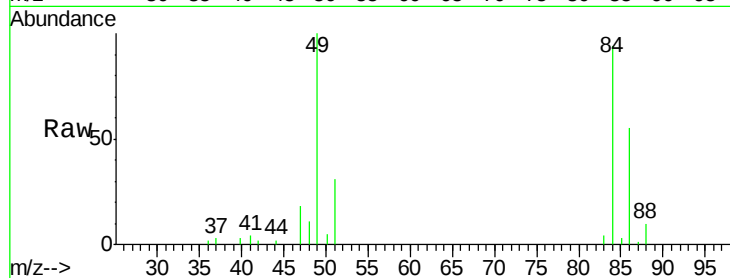
Ion Ratio Lower Upper

84 100

49 106.7 93.4 140.0

51 32.7 28.4 42.6

86 59.2 49.8 74.8

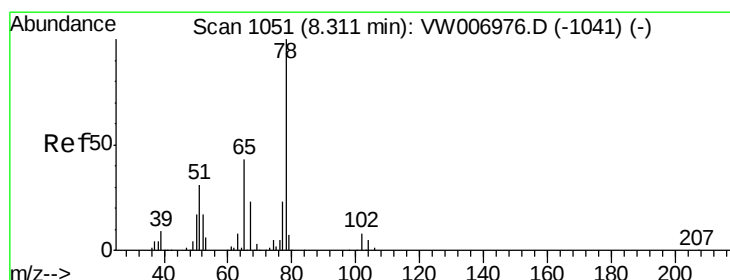
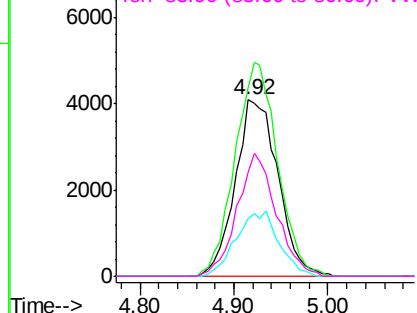
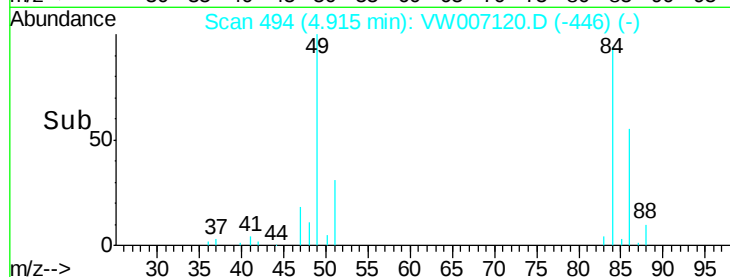


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 54.068 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007120.D

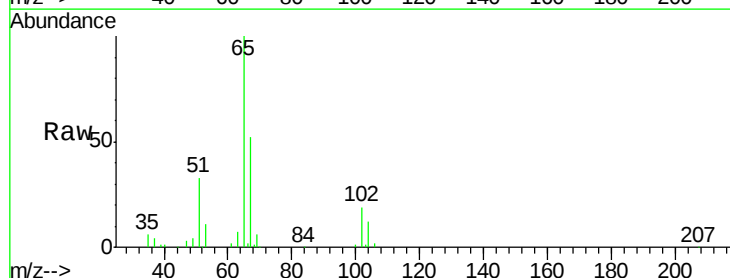
Acq: 28 Nov 2018 18:06

Tgt Ion: 65 Resp: 57068

Ion Ratio Lower Upper

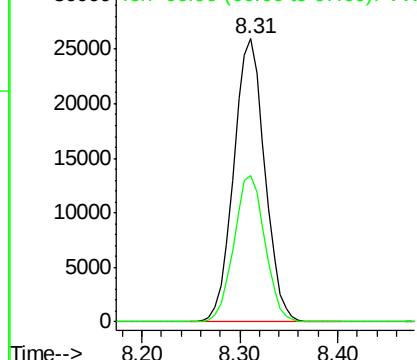
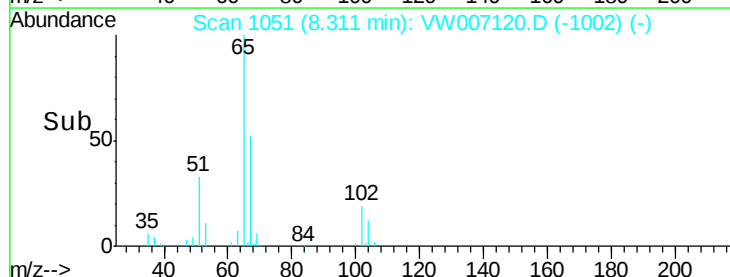
65 100

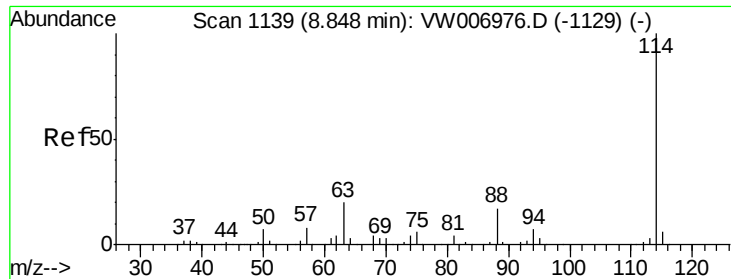
67 51.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

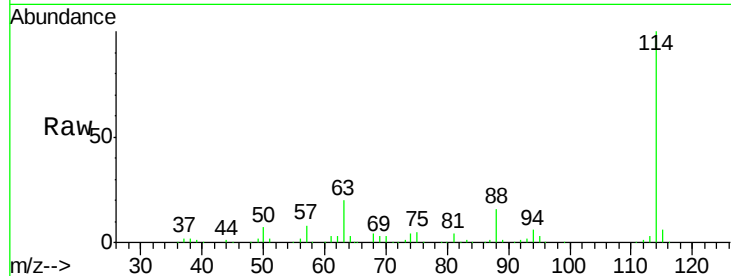




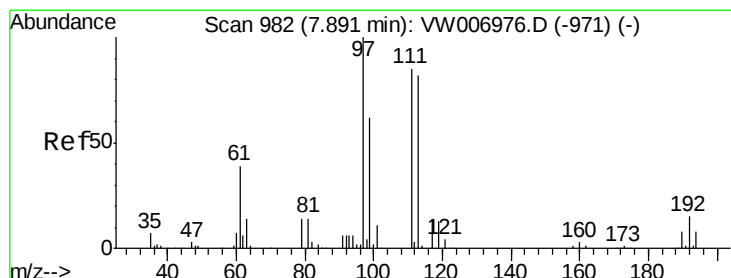
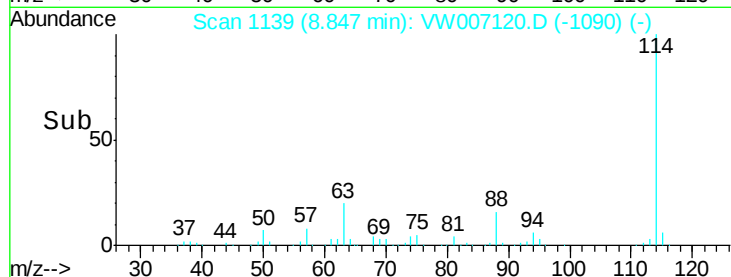
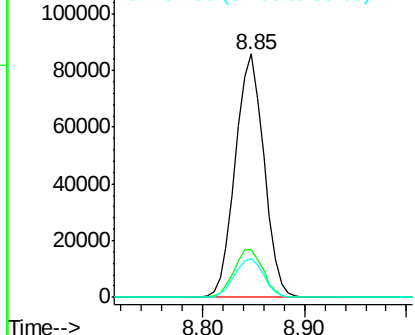
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007120.D
Acq: 28 Nov 2018 18:06

Instrument :
MSVOA_W
ClientSampleId :
OK-01-112818

Tot Ion:114 Resp: 166976
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.4
88 15.7 0.0 34.2

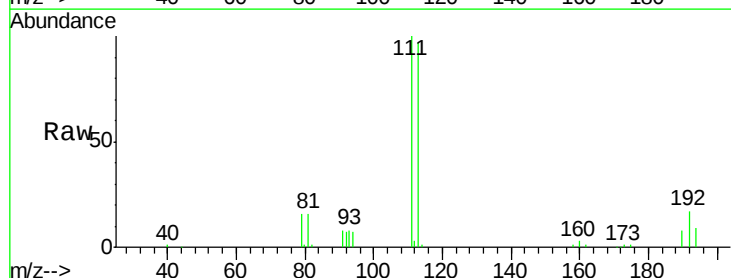


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

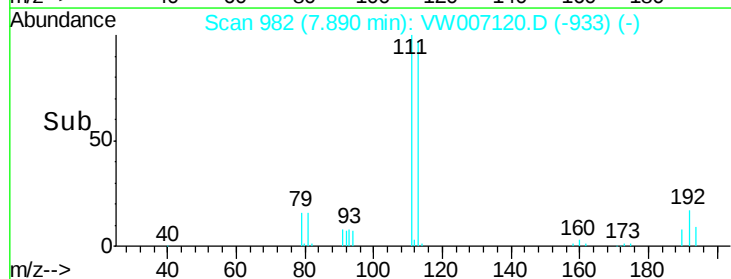
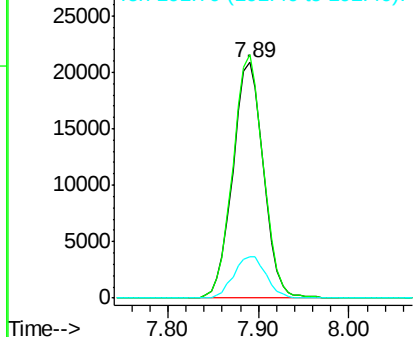


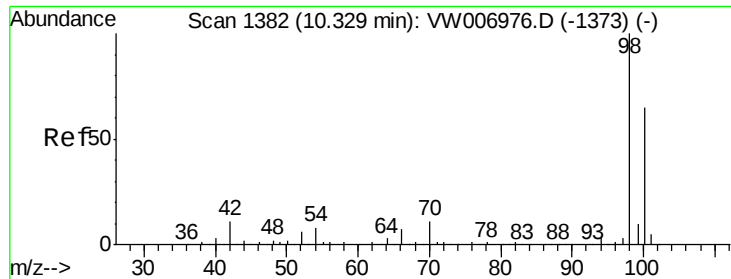
#35
Dibromofluoromethane
Concen: 51.964 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007120.D
Acq: 28 Nov 2018 18:06

Tgt Ion:113 Resp: 49000
Ion Ratio Lower Upper
113 100
111 102.1 81.0 121.6
192 18.5 15.0 22.6



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: 48.725 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

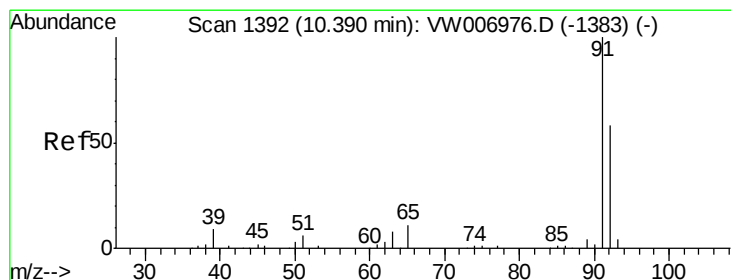
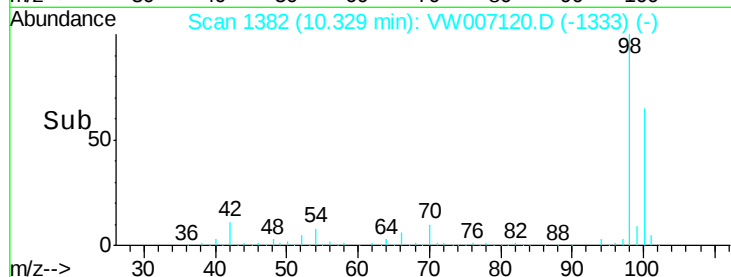
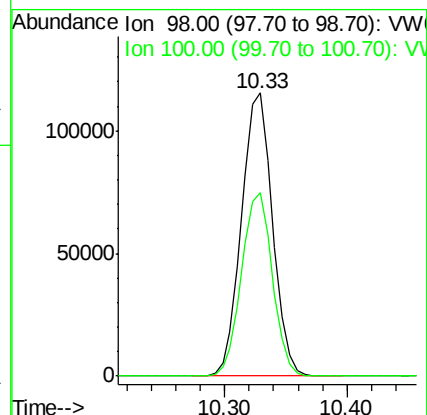
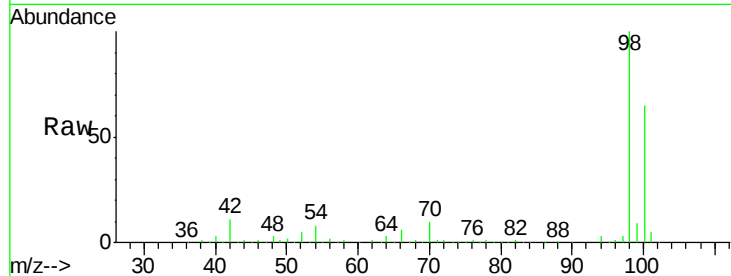
OK-01-112818

Tot Ion: 98 Resp: 202891

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#52

Toluene

Concen: 1.682 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007120.D

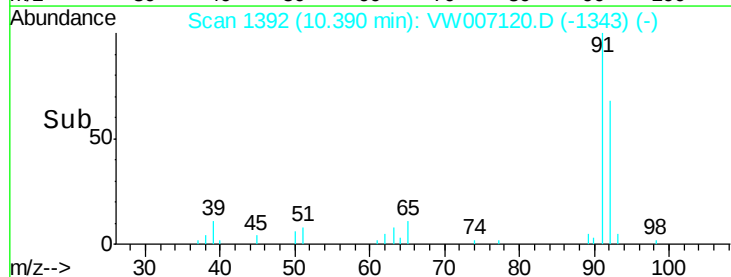
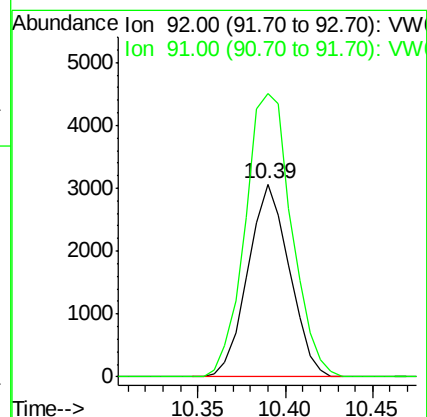
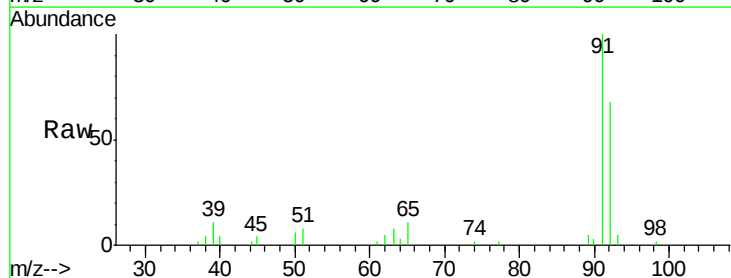
Acq: 28 Nov 2018 18:06

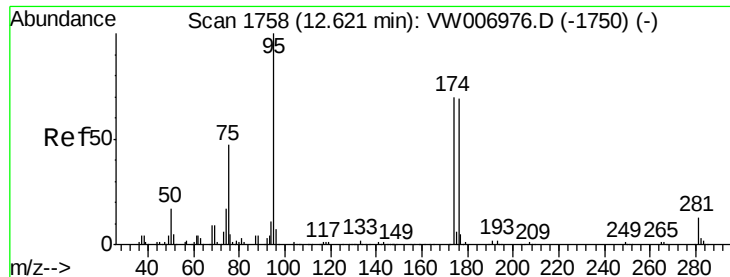
Tgt Ion: 92 Resp: 5042

Ion Ratio Lower Upper

92 100

91 165.0 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 44.034 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

OK-01-112818

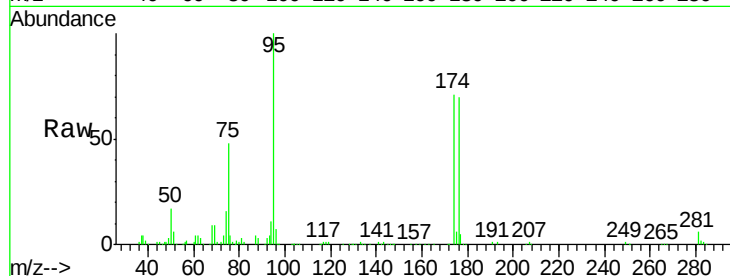
Tot Ion: 95 Resp: 72153

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.6

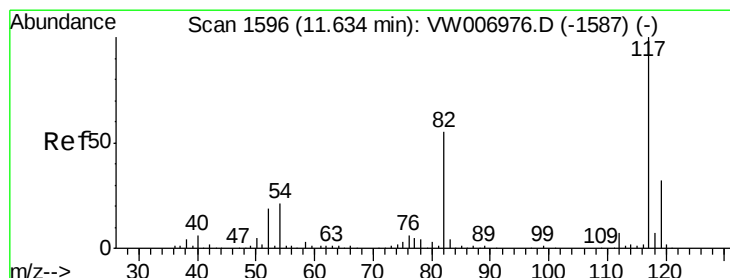
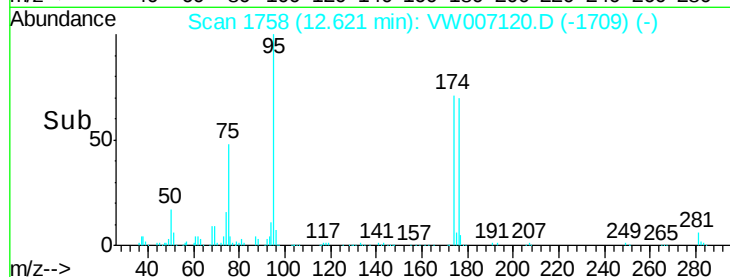
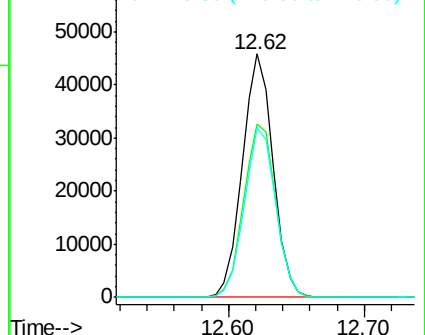
176 71.1 0.0 140.4



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

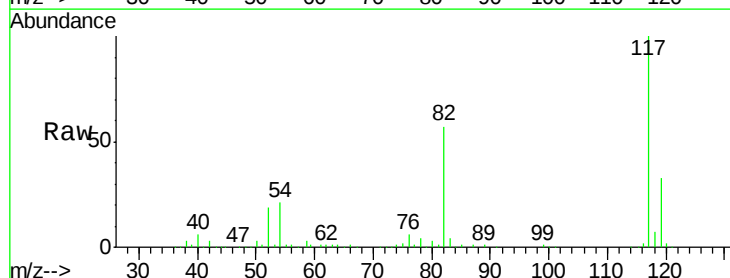
Tgt Ion: 117 Resp: 152402

Ion Ratio Lower Upper

117 100

82 56.7 44.2 66.2

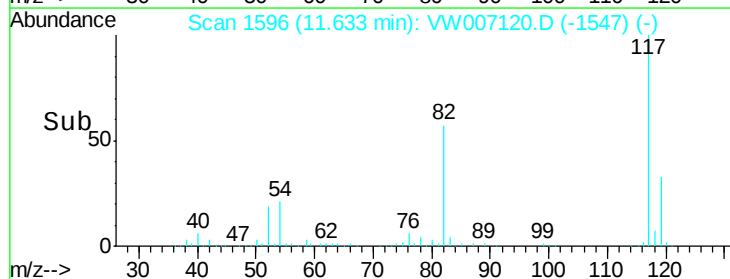
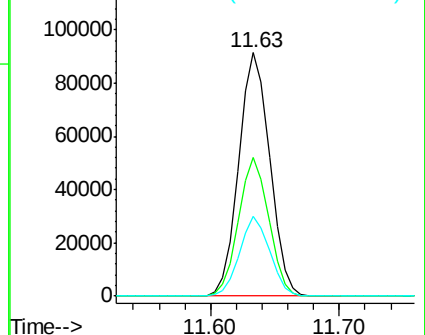
119 32.6 25.9 38.9

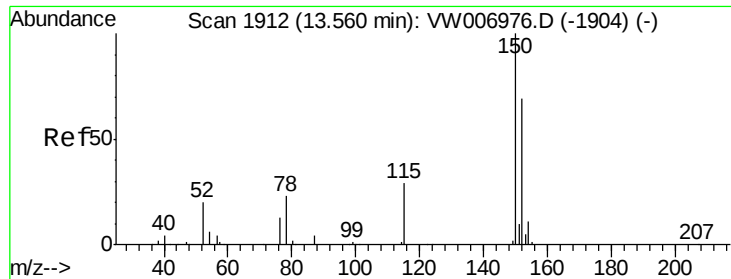


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

OK-01-112818

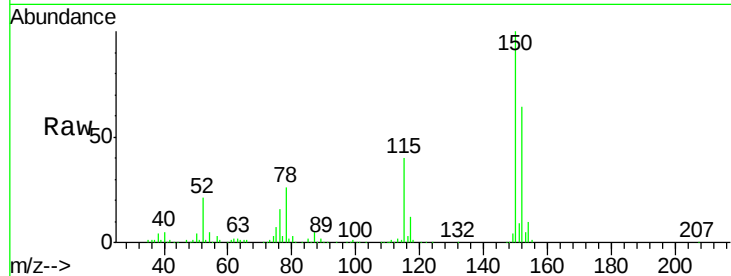
Tot Ion:152 Resp: 62981

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

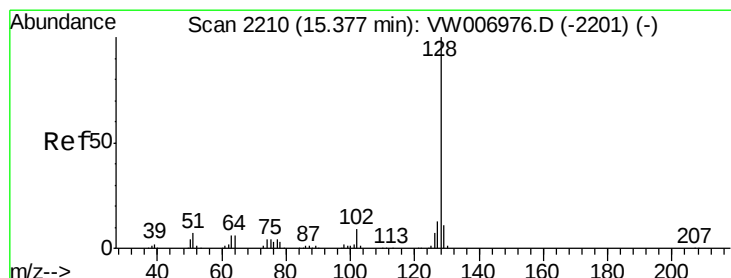
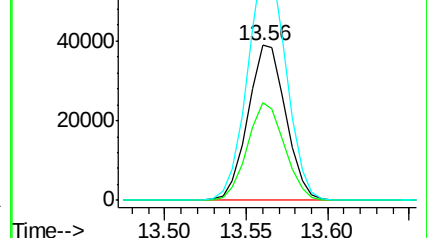
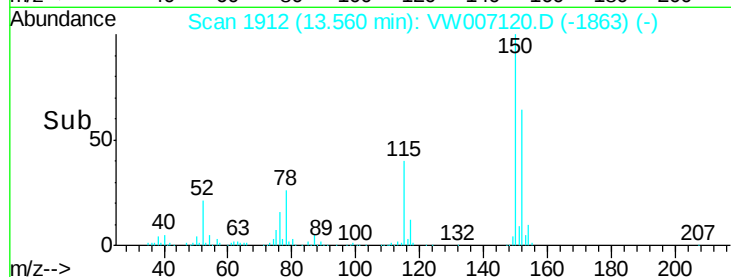
150 155.2 0.0 353.4



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



#95

Naphthalene

Concen: 1.308 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

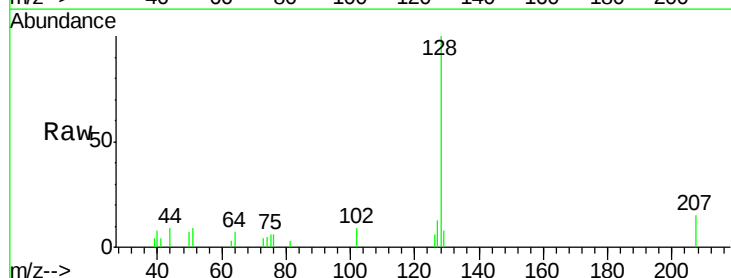
Tgt Ion:128 Resp: 2944

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 8.7 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

