

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008807.D
 Acq On : 25 Feb 2019 15:24
 Operator : SY/VA
 Sample : K1596-09
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-15

Quant Time: Feb 26 04:13:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

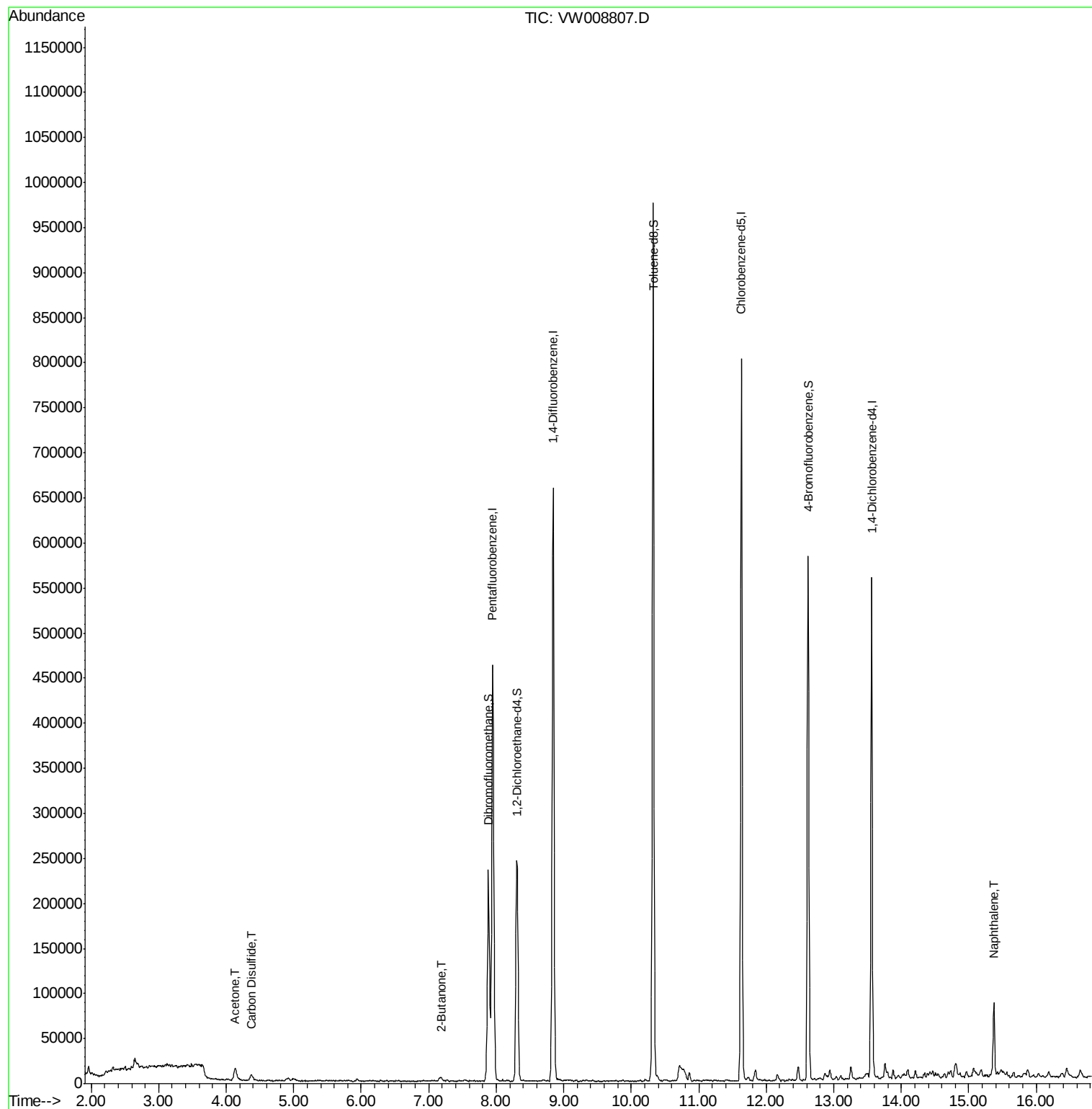
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	353023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	545467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	188911	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
35) Dibromofluoromethane	7.88	113	156208	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.32	98	625722	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.62	95	174296	35.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.42%	
Target Compounds						
16) Acetone	4.13	43	24225	31.565	ug/l	92
17) Carbon Disulfide	4.37	76	13198	1.287	ug/l	98
25) 2-Butanone	7.18	43	5115	4.767	ug/l	98
95) Naphthalene	15.37	128	67499	13.140	ug/l	99

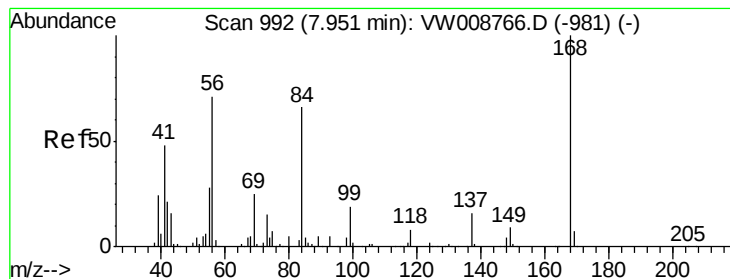
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008807.D

Acq: 25 Feb 2019 15:24

Instrument :

MSVOA_W

ClientSampled :

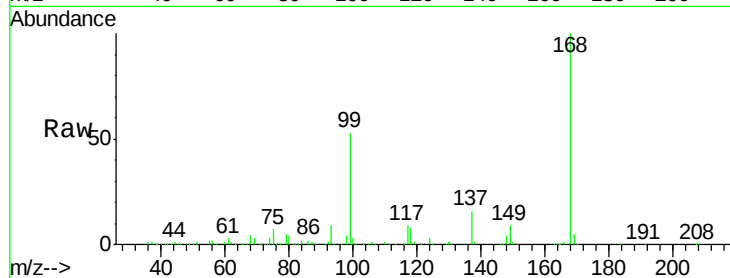
VOC-15

Tot Ion:168 Resp: 353023

Ion Ratio Lower Upper

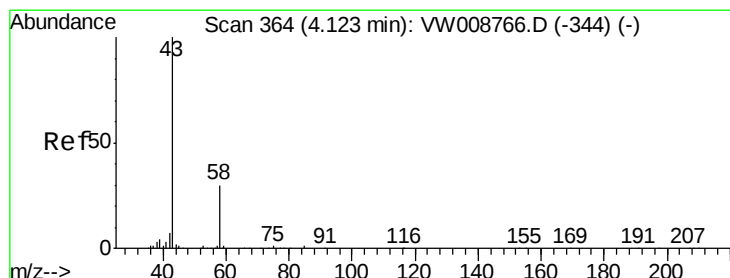
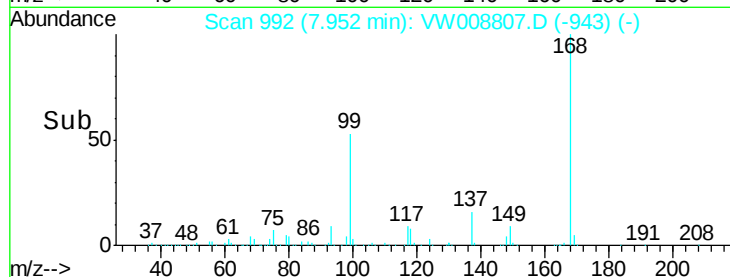
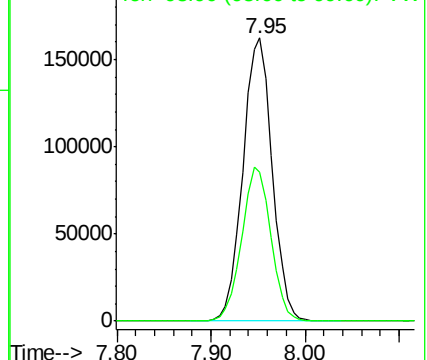
168 100

99 52.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 31.565 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008807.D

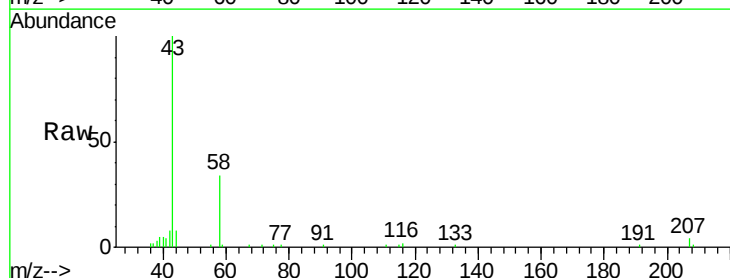
Acq: 25 Feb 2019 15:24

Tgt Ion: 43 Resp: 24225

Ion Ratio Lower Upper

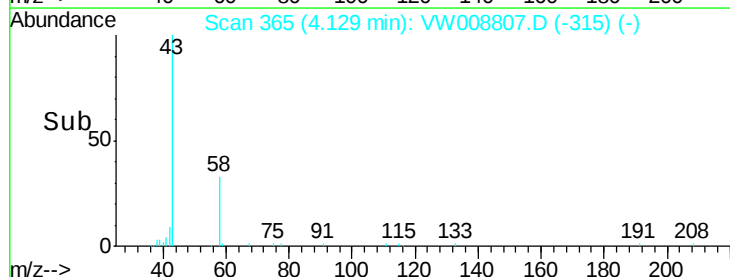
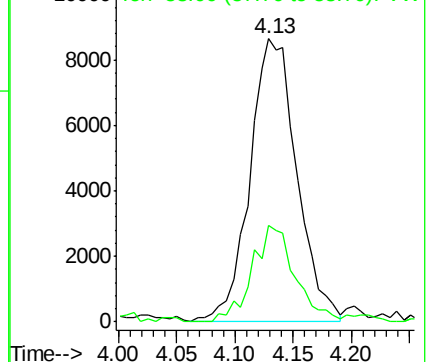
43 100

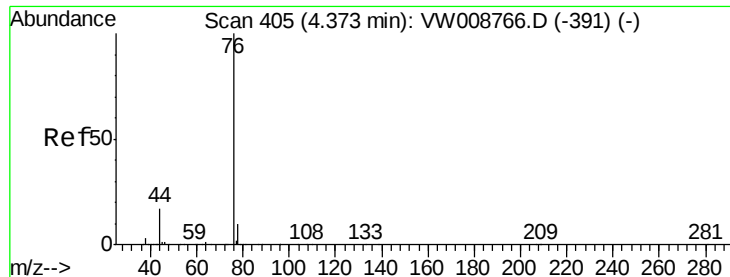
58 33.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.287 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008807.D

Acq: 25 Feb 2019 15:24

Instrument :

MSVOA_W

ClientSampled :

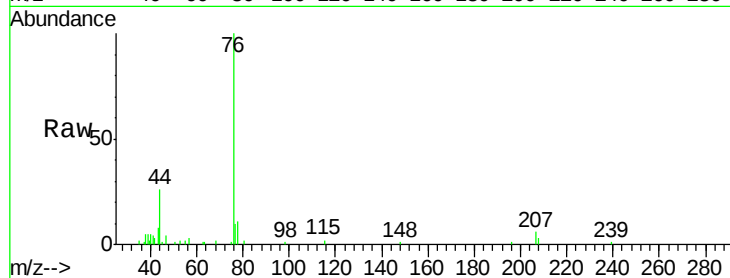
VOC-15

Tot Ion: 76 Resp: 13198

Ion Ratio Lower Upper

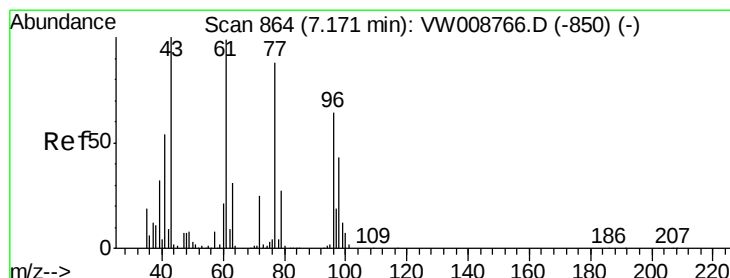
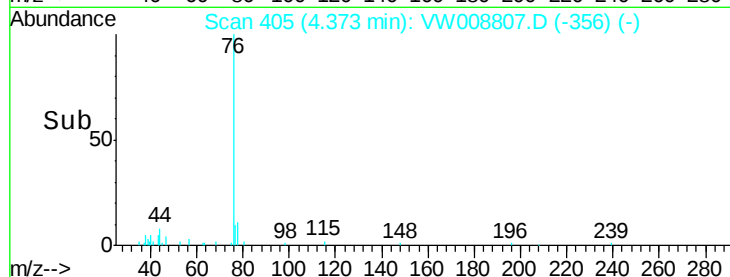
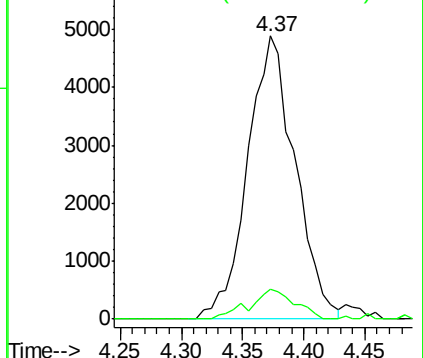
76 100

78 10.7 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 4.767 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008807.D

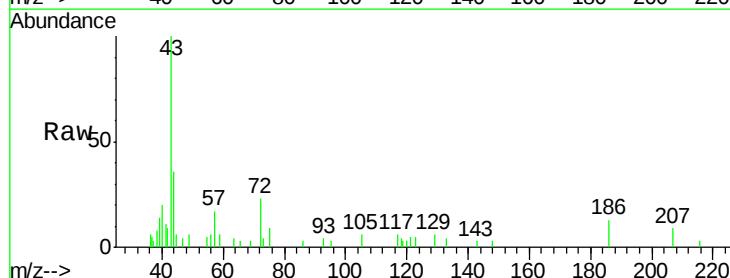
Acq: 25 Feb 2019 15:24

Tgt Ion: 43 Resp: 5115

Ion Ratio Lower Upper

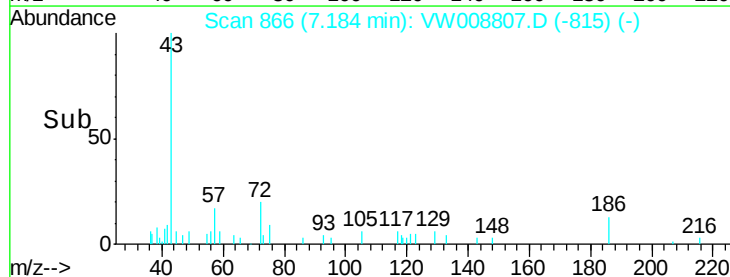
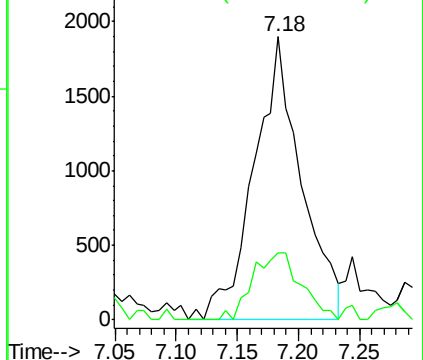
43 100

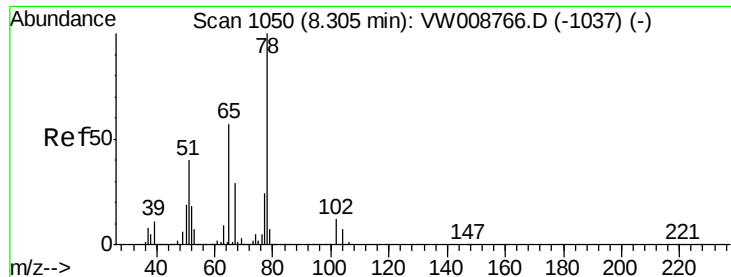
72 23.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 57.055 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008807.D

Acq: 25 Feb 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

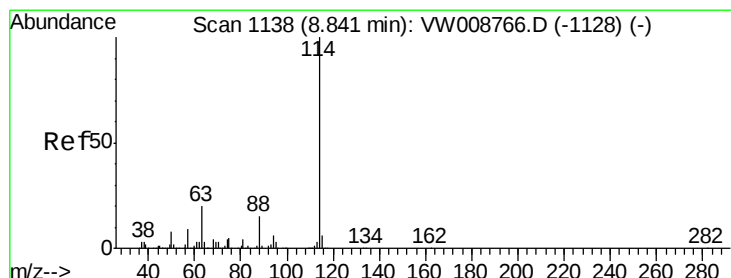
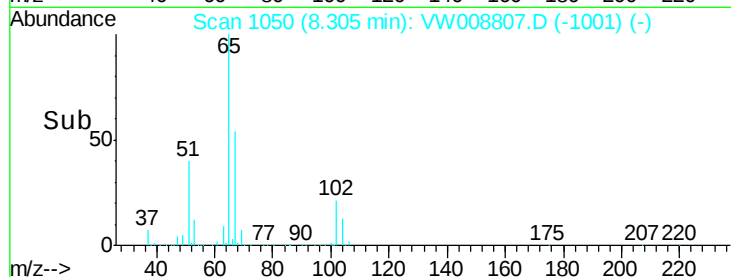
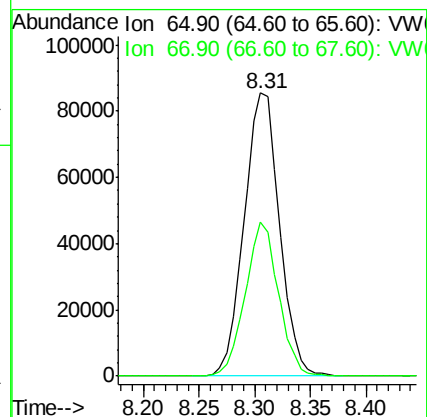
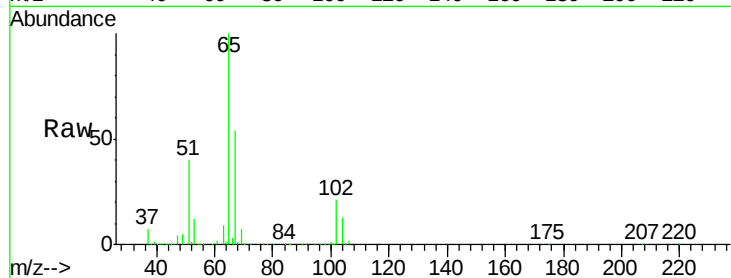
VOC-15

Tot Ion: 65 Resp: 188911

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008807.D

Acq: 25 Feb 2019 15:24

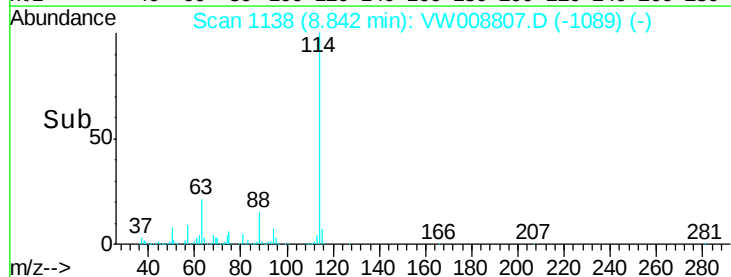
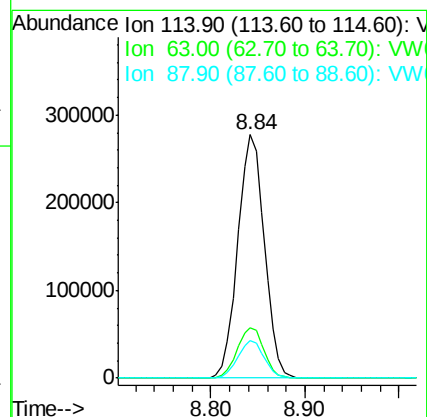
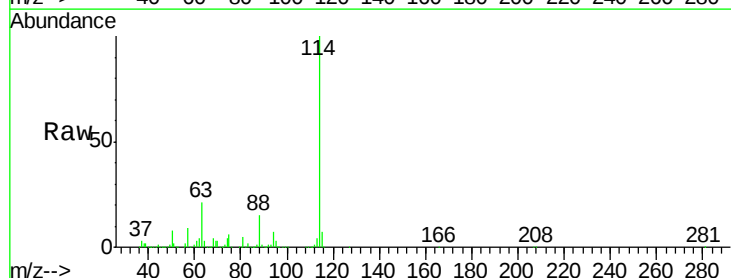
Tgt Ion: 114 Resp: 545467

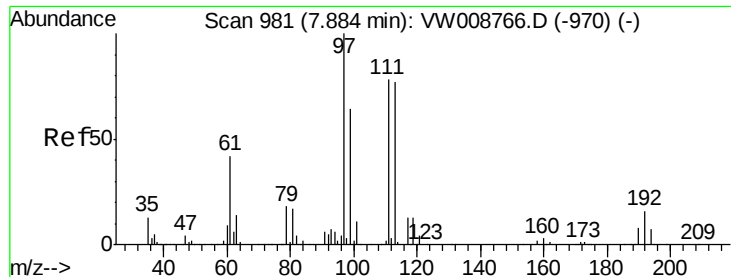
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.696 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008807.D

Acq: 25 Feb 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VOC-15

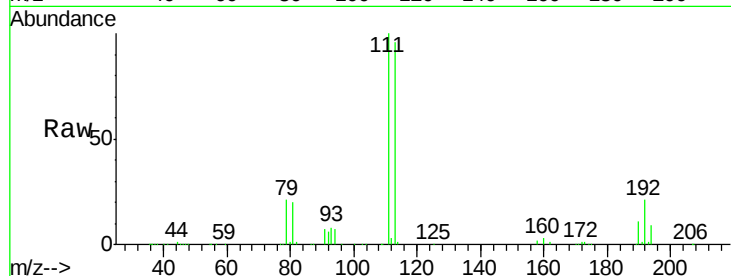
Tot Ion:113 Resp: 156208

Ion Ratio Lower Upper

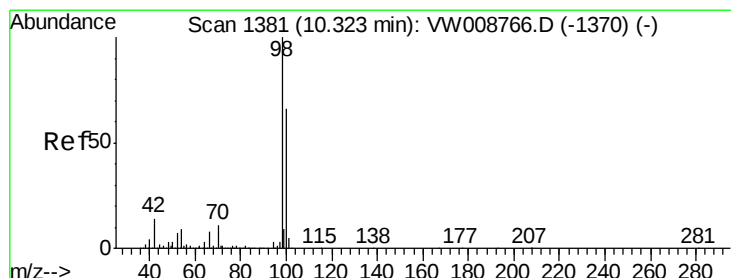
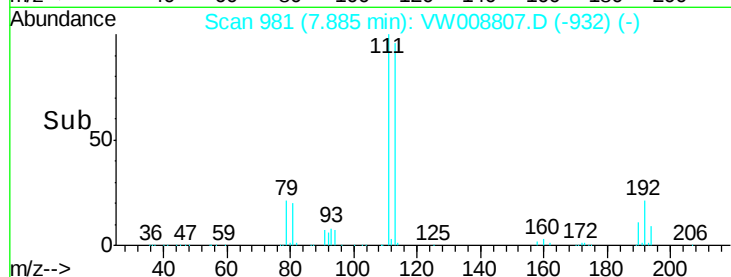
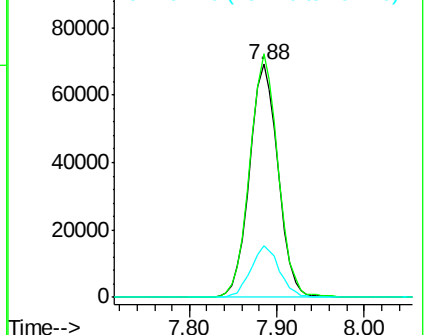
113 100

111 103.5 81.9 122.9

192 22.1 17.1 25.7



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: 49.493 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008807.D

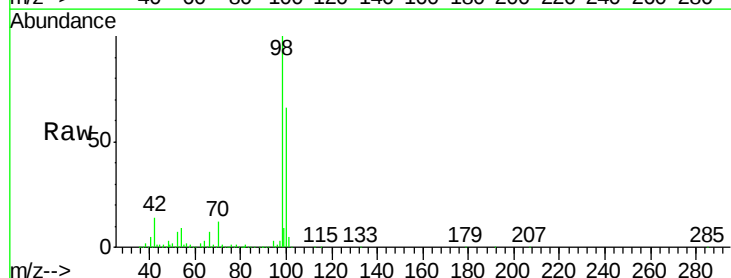
Acq: 25 Feb 2019 15:24

Tgt Ion: 98 Resp: 625722

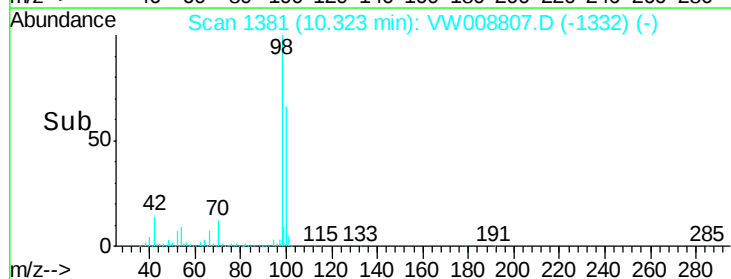
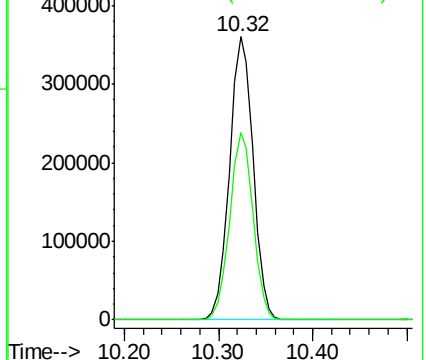
Ion Ratio Lower Upper

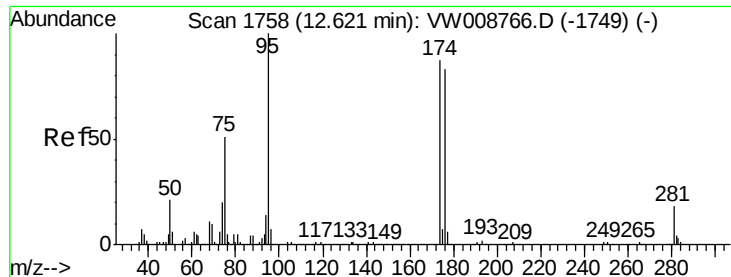
98 100

100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

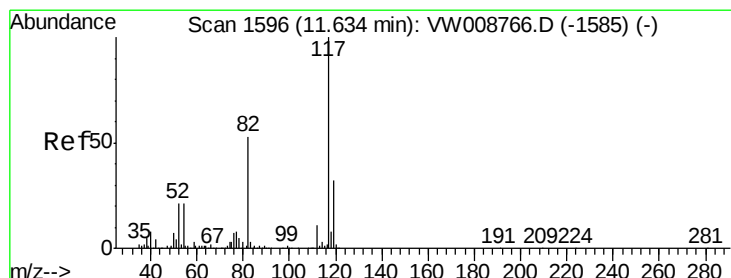
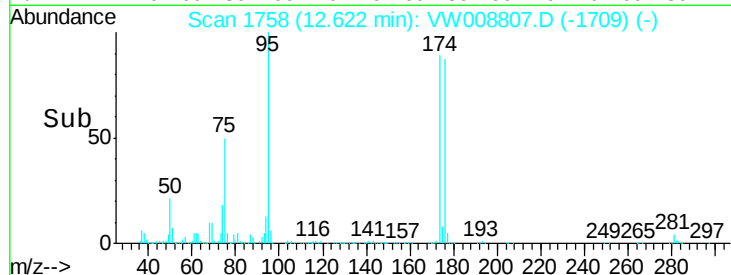
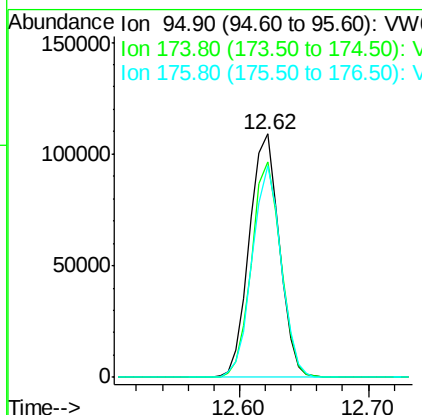
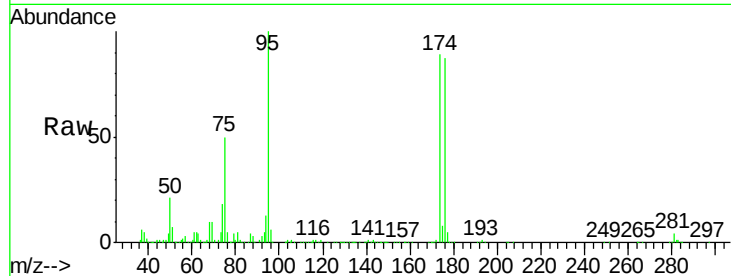




#62
4-Bromofluorobenzene
Concen: 35.210 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008807.D
Acq: 25 Feb 2019 15:24

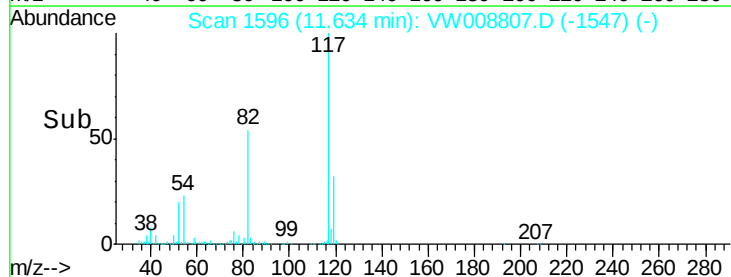
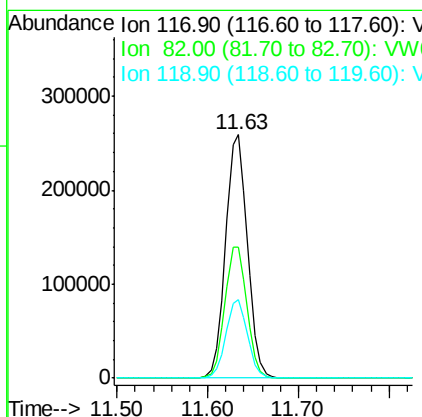
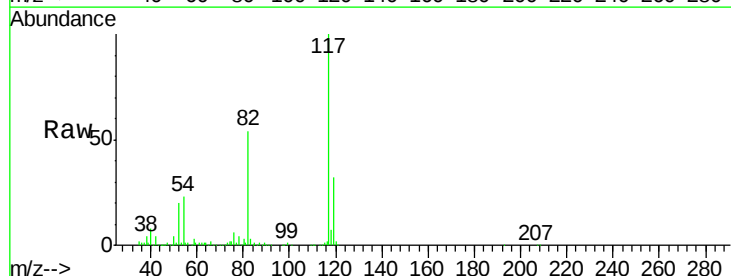
Instrument :
MSVOA_W
ClientSampleId :
VOC-15

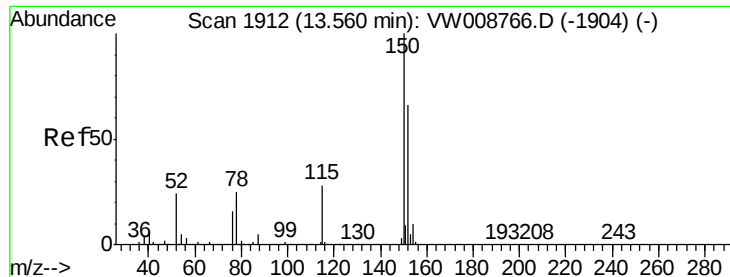
Tot Ion: 95 Resp: 174296
Ion Ratio Lower Upper
95 100
174 86.3 0.0 169.2
176 84.2 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008807.D
Acq: 25 Feb 2019 15:24

Tgt Ion: 117 Resp: 432842
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008807.D

Acq: 25 Feb 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VOC-15

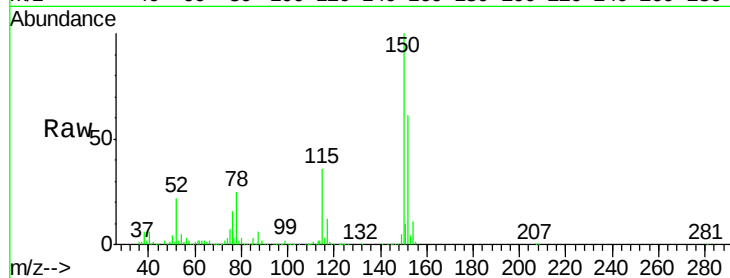
Tot Ion:152 Resp: 139819

Ion Ratio Lower Upper

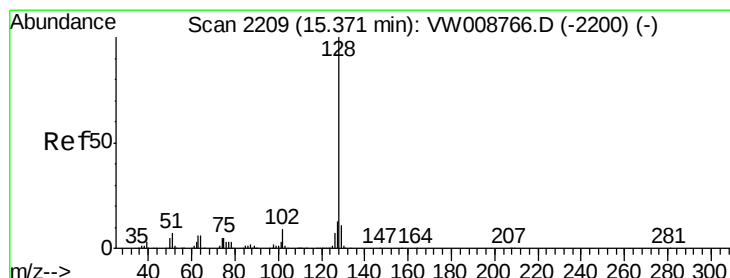
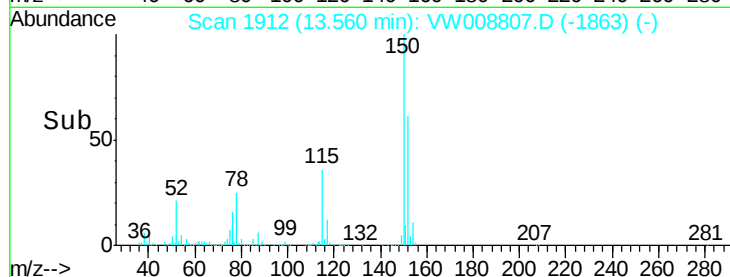
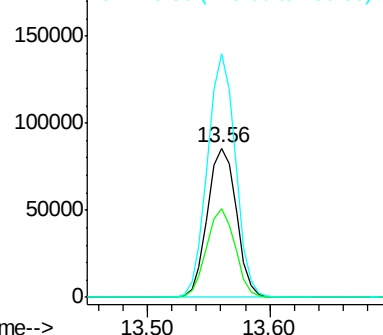
152 100

115 58.5 28.6 85.8

150 157.8 0.0 348.0



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: 13.140 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008807.D

Acq: 25 Feb 2019 15:24

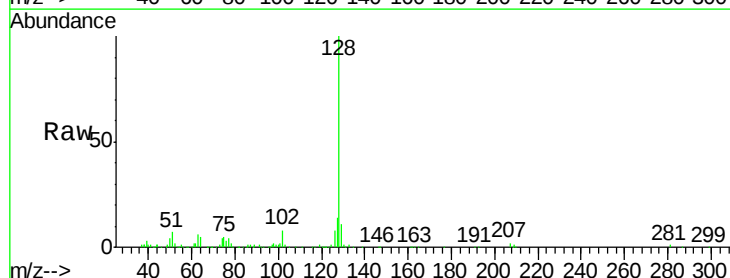
Tgt Ion:128 Resp: 67499

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

129 10.6 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

