

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008805.D
 Acq On : 25 Feb 2019 14:30
 Operator : SY/VA
 Sample : K1596-07
 Misc : 4.56G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-13

Quant Time: Feb 26 04:10:22 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

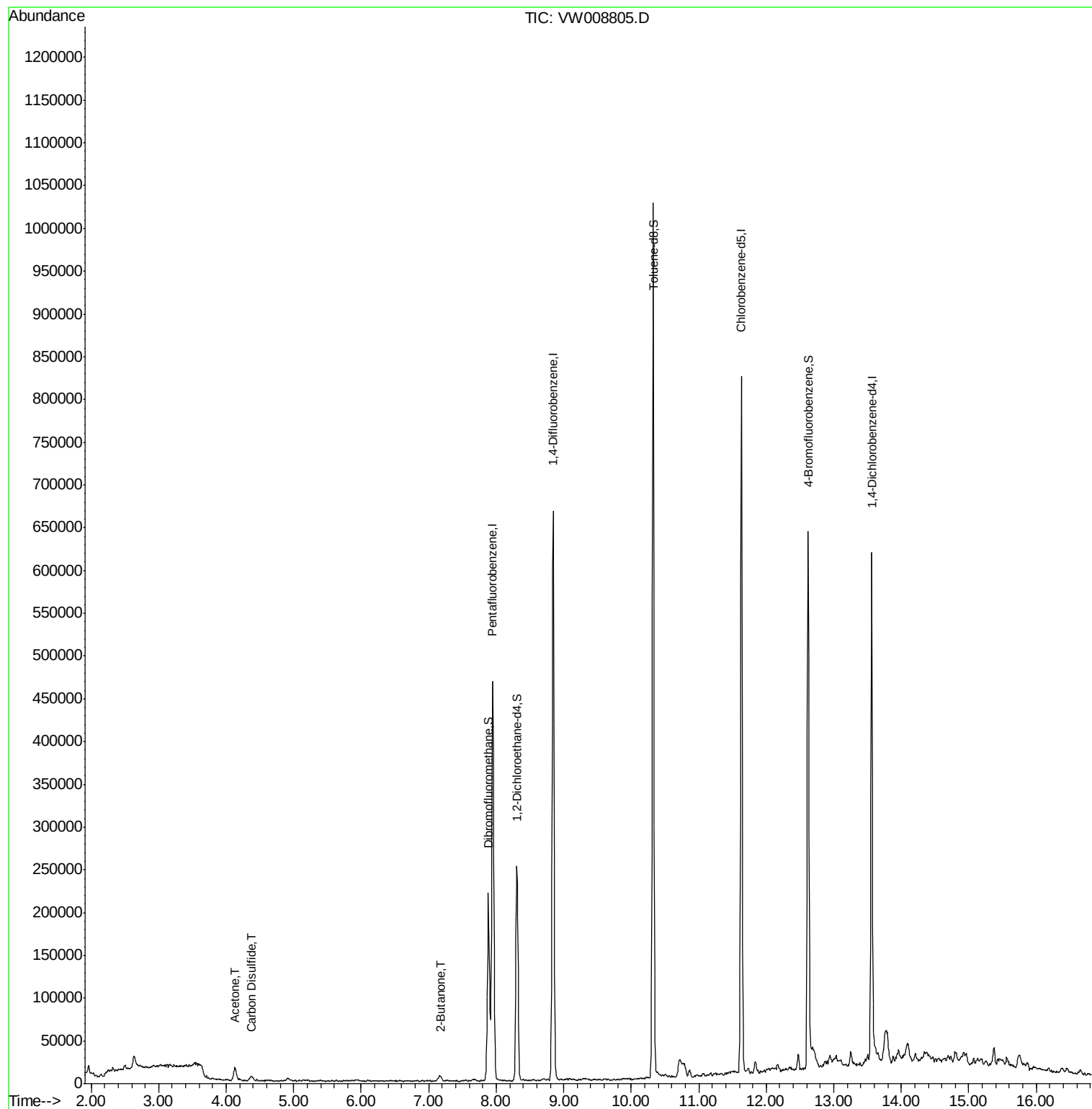
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	357919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	548822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	451553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	195407	58.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.42%	
35) Dibromofluoromethane	7.88	113	146209	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
50) Toluene-d8	10.32	98	639694	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.62	95	189587	38.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.14%	
Target Compounds						
16) Acetone	4.12	43	26802	34.445	ug/l	93
17) Carbon Disulfide	4.37	76	10646	1.024	ug/l	95
25) 2-Butanone	7.18	43	5912	5.435	ug/l	99

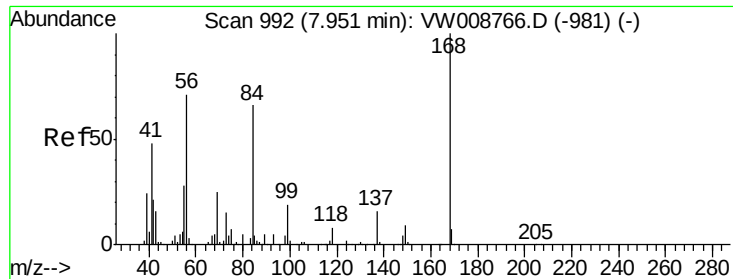
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008805.D

Acq: 25 Feb 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

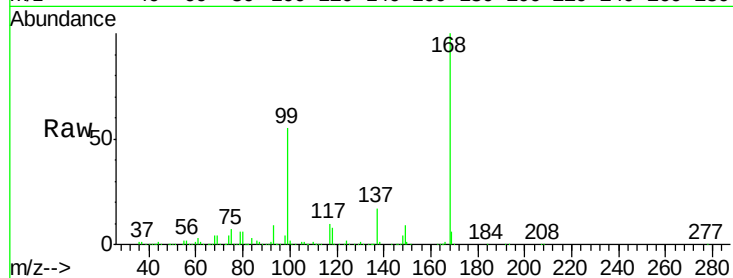
VOC-13

Tot Ion:168 Resp: 357919

Ion Ratio Lower Upper

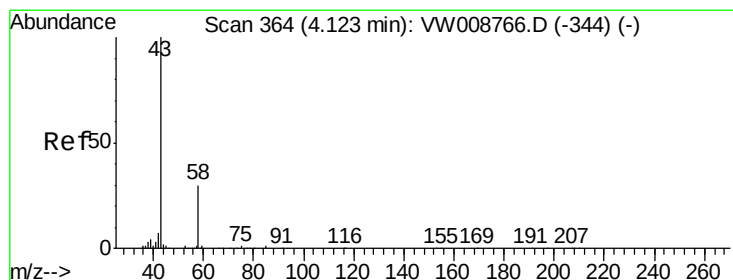
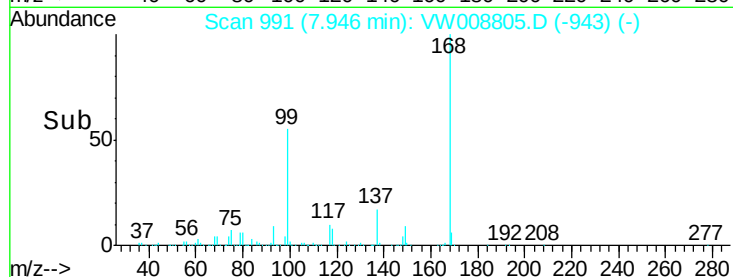
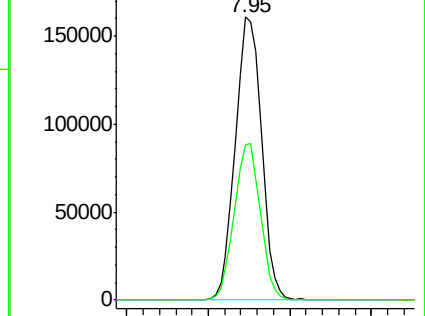
168 100

99 54.7 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: 34.445 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008805.D

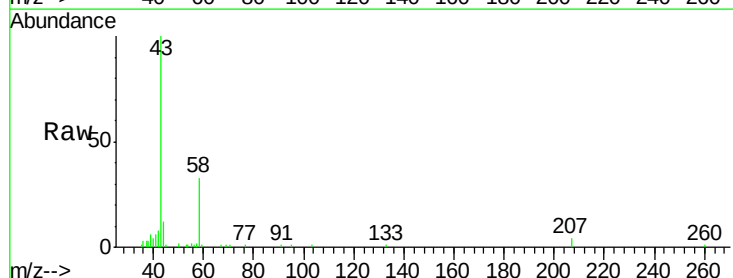
Acq: 25 Feb 2019 14:30

Tgt Ion: 43 Resp: 26802

Ion Ratio Lower Upper

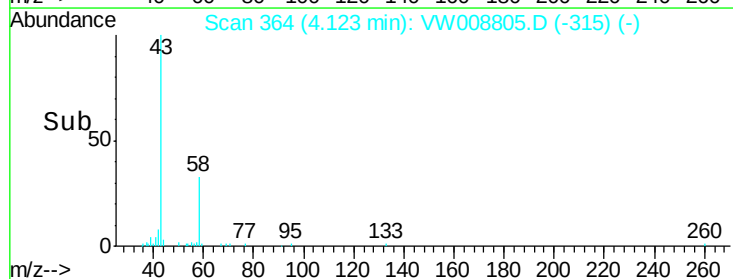
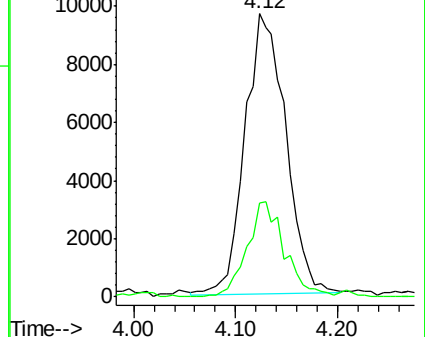
43 100

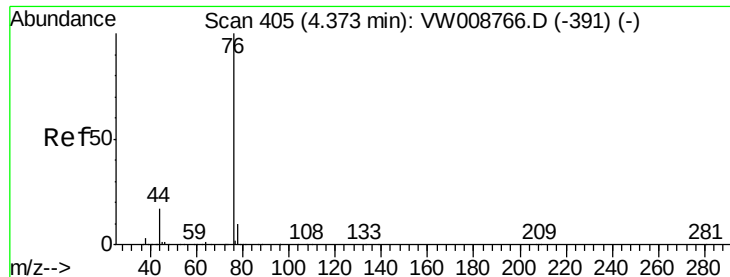
58 33.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.024 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008805.D

Acq: 25 Feb 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

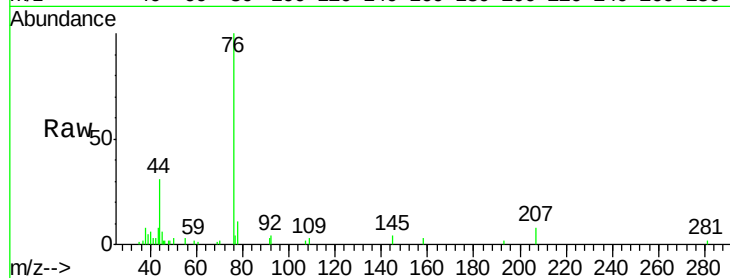
VOC-13

Tot Ion: 76 Resp: 10646

Ion Ratio Lower Upper

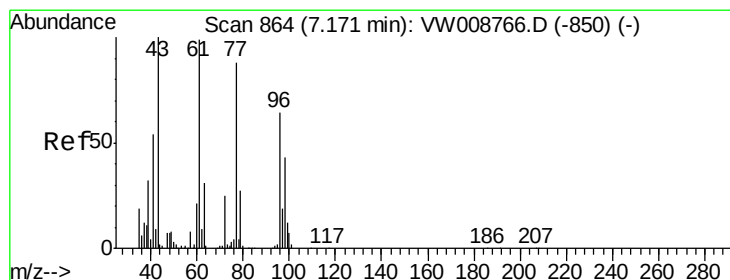
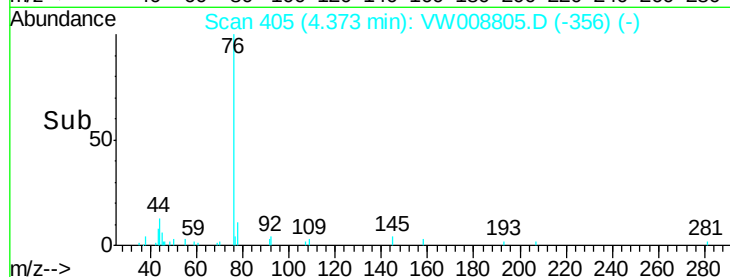
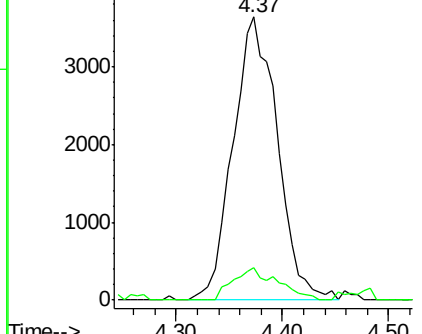
76 100

78 11.5 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: 5.435 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008805.D

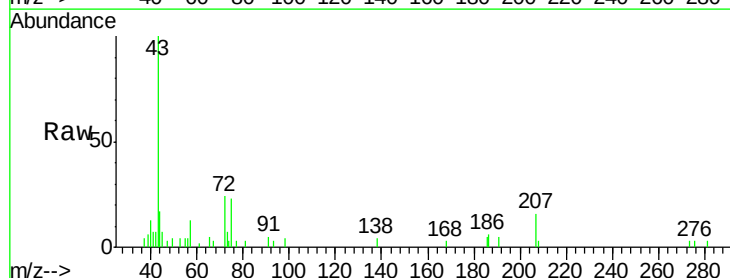
Acq: 25 Feb 2019 14:30

Tgt Ion: 43 Resp: 5912

Ion Ratio Lower Upper

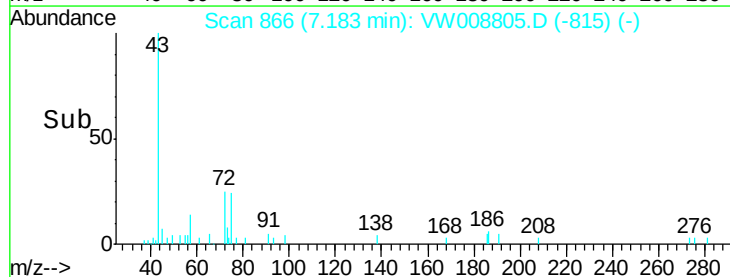
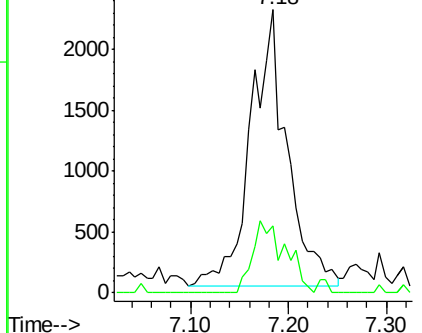
43 100

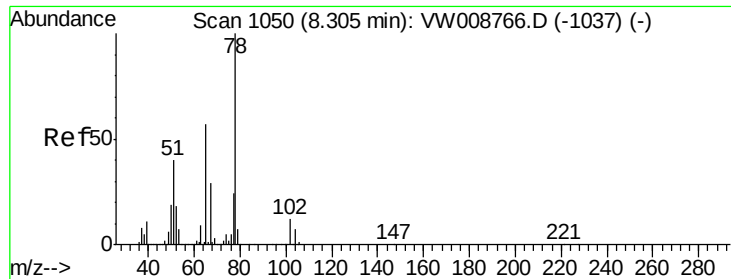
72 24.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

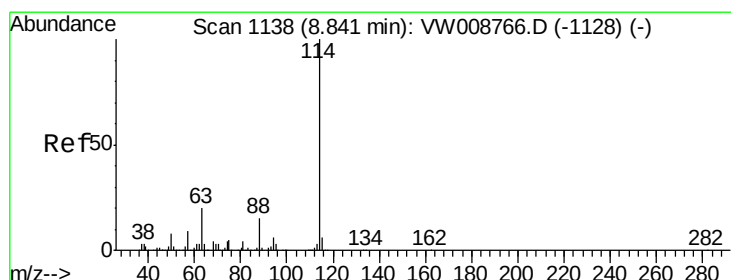
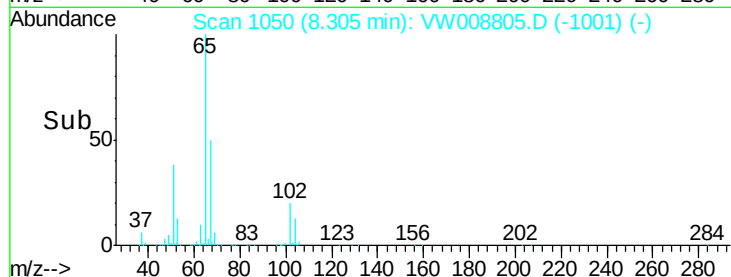
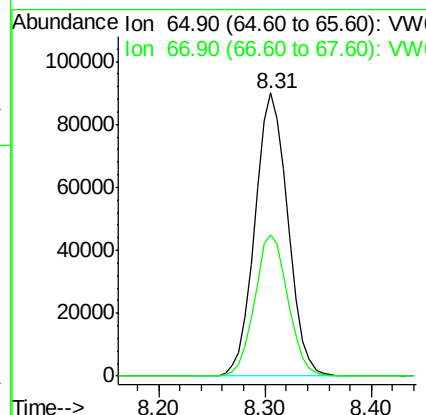
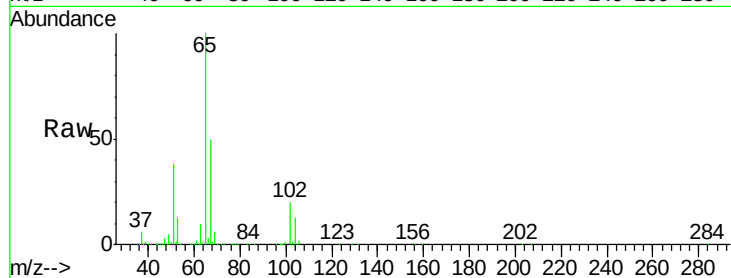




#33
 1,2-Dichloroethane-d4
 Concen: 58.209 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008805.D
 Acq: 25 Feb 2019 14:30

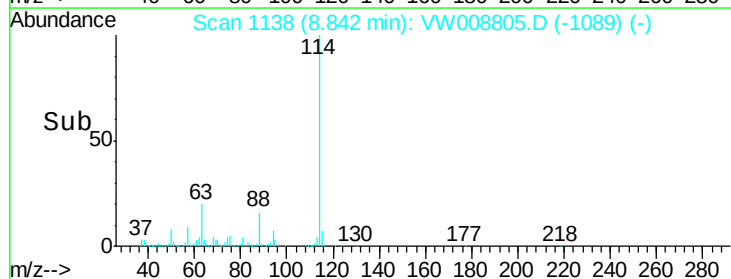
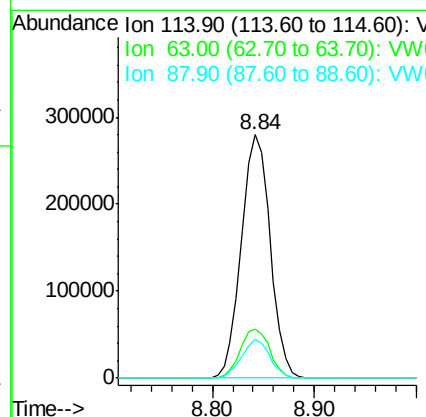
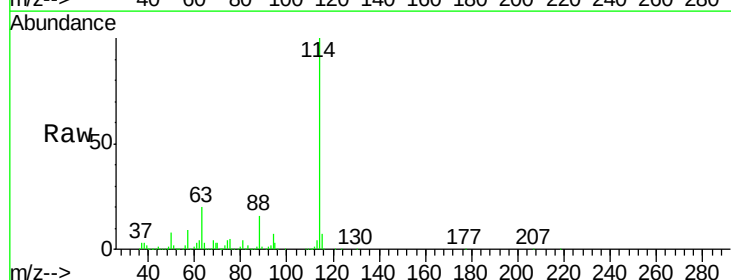
Instrument :
 MSVOA_W
 ClientSampled :
 VOC-13

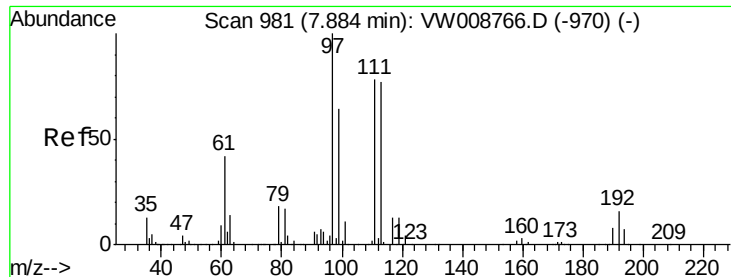
Tot Ion: 65 Resp: 195407
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008805.D
 Acq: 25 Feb 2019 14:30

Tgt Ion: 114 Resp: 548822
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 15.9 0.0 30.4

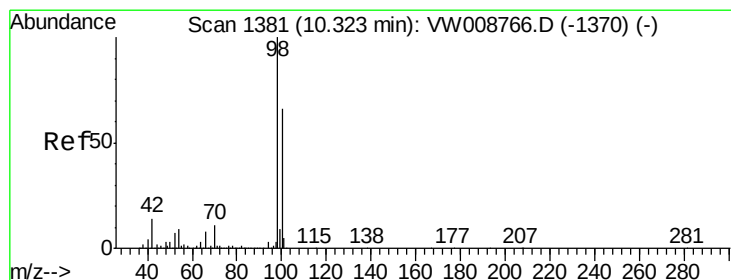
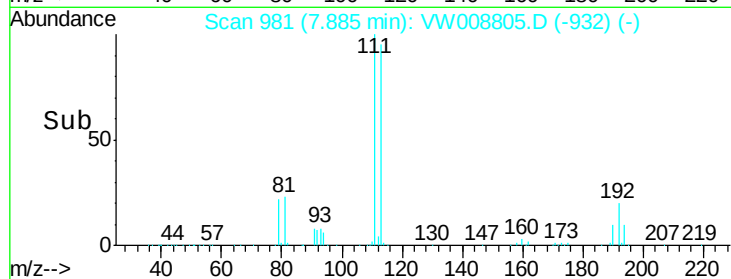
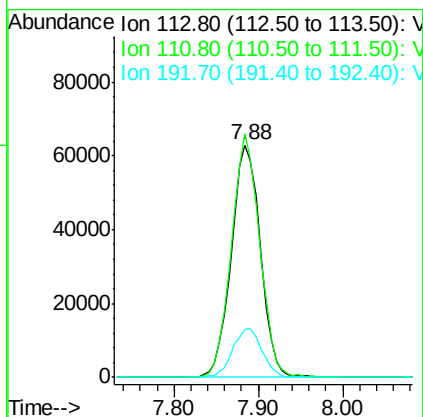
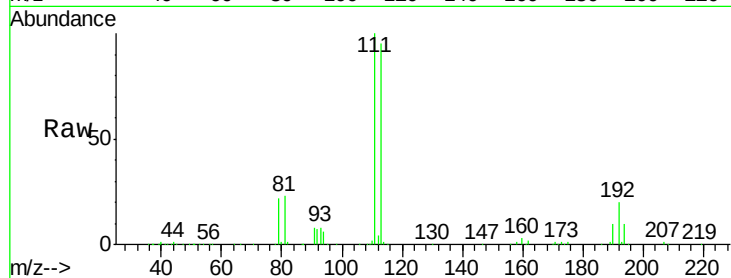




#35
 Dibromofluoromethane
 Concen: 44.370 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008805.D
 Acq: 25 Feb 2019 14:30

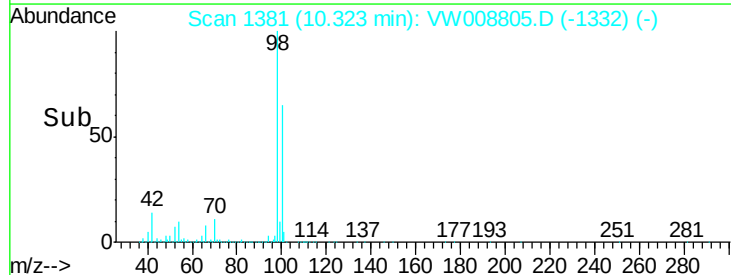
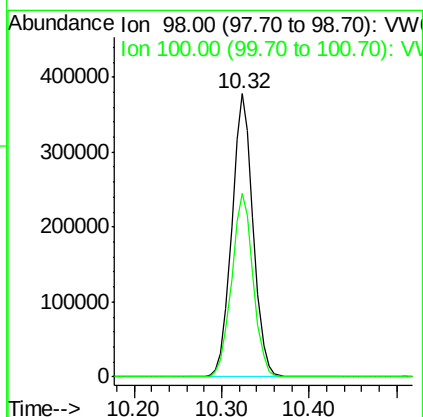
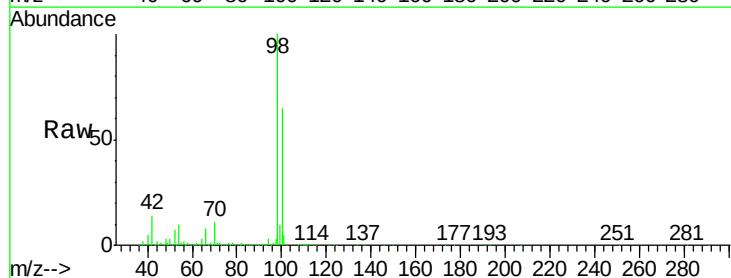
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-13

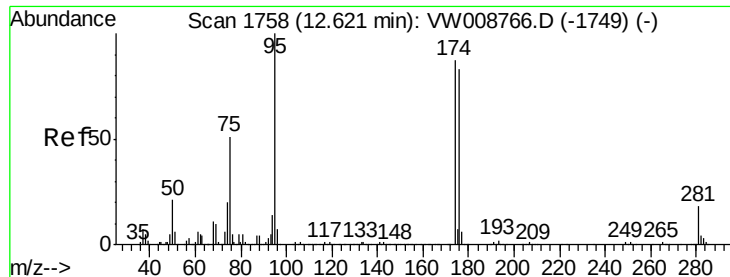
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	21.3	17.1	25.7



#50
 Toluene-d8
 Concen: 50.289 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008805.D
 Acq: 25 Feb 2019 14:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 38.065 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008805.D

Acq: 25 Feb 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

VOC-13

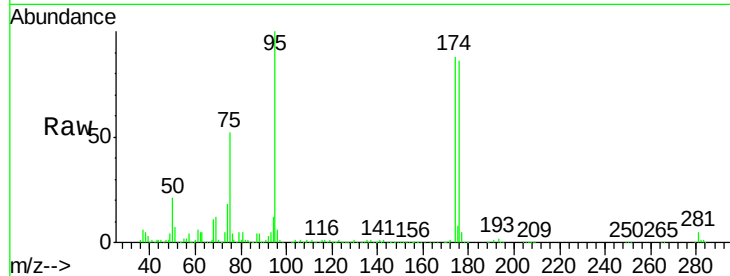
Tot Ion: 95 Resp: 189587

Ion Ratio Lower Upper

95 100

174 84.9 0.0 169.2

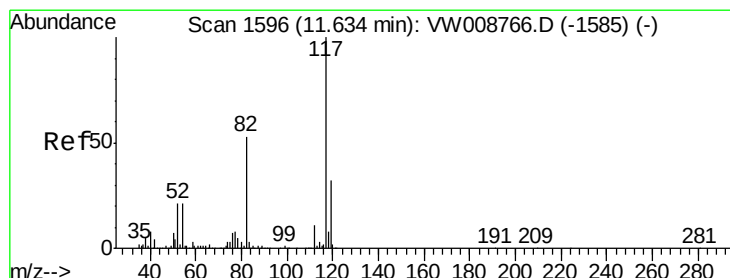
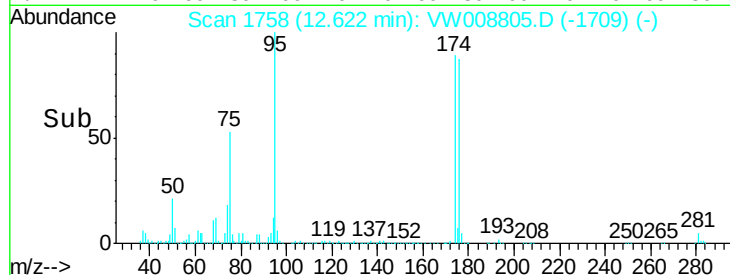
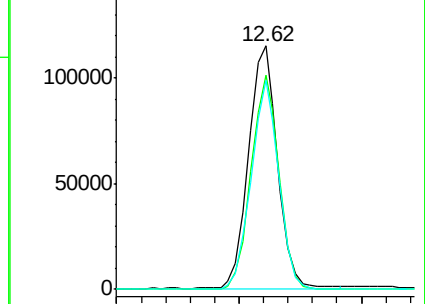
176 81.9 0.0 163.6



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008805.D

Acq: 25 Feb 2019 14:30

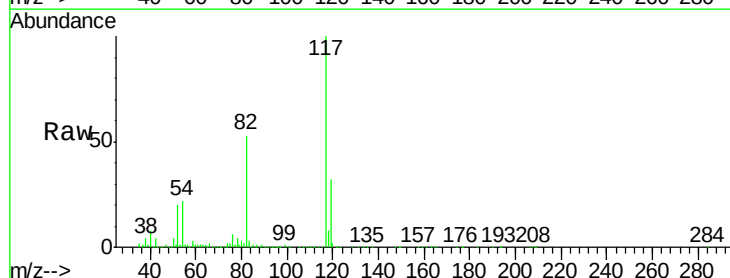
Tgt Ion: 117 Resp: 451553

Ion Ratio Lower Upper

117 100

82 53.2 42.2 63.4

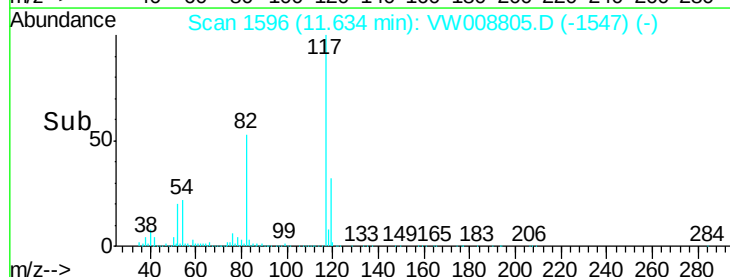
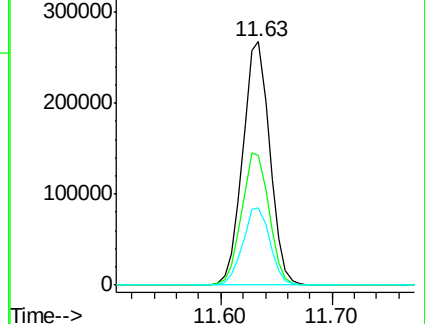
119 31.8 25.9 38.9

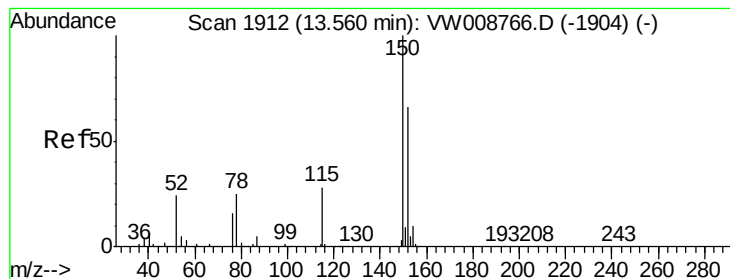


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008805.D

Acq: 25 Feb 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

VOC-13

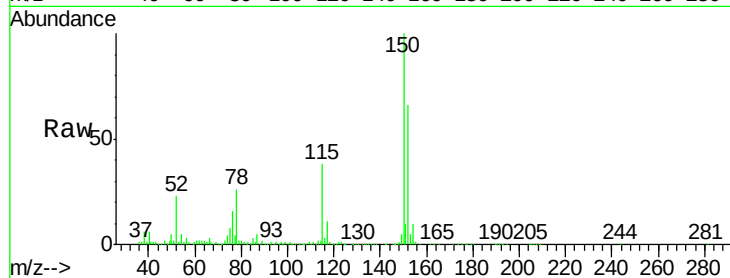
Tot Ion:152 Resp: 152659

Ion Ratio Lower Upper

152 100

115 57.5 28.6 85.8

150 155.3 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

