

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013088.D
 Acq On : 17 Sep 2019 14:21
 Operator : SY/VA
 Sample : K4873-05
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-30

Quant Time: Sep 18 06:40:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

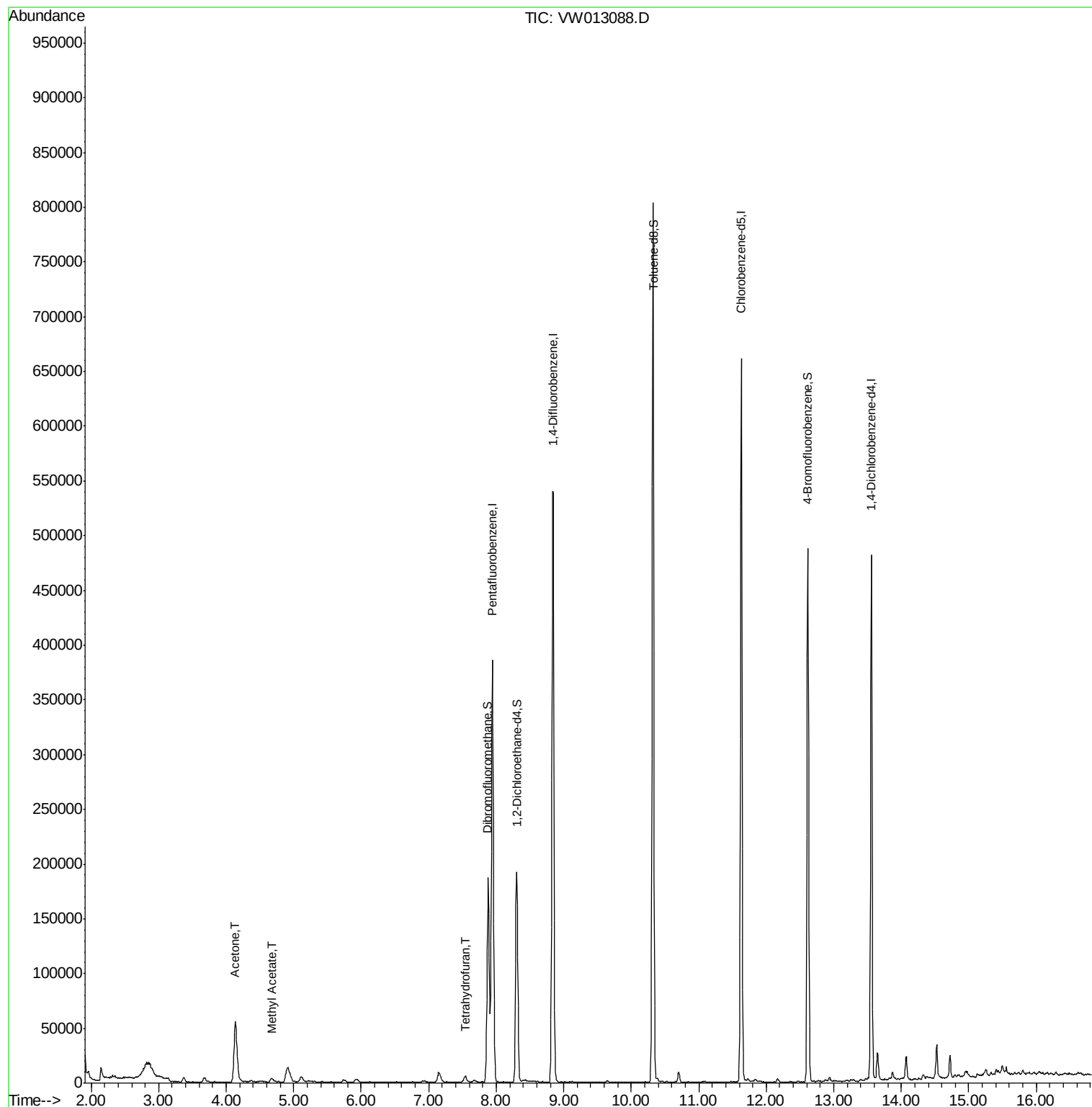
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	299751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	131472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154838	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
35) Dibromofluoromethane	7.88	113	131792	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
50) Toluene-d8	10.32	98	528356	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.62	95	149872	42.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.88%	
Target Compounds						
16) Acetone	4.14	43	116930	189.957	ug/l	99
18) Methyl Acetate	4.67	43	6554	4.155	ug/l	94
29) Tetrahydrofuran	7.54	42	5078	10.124	ug/l	95

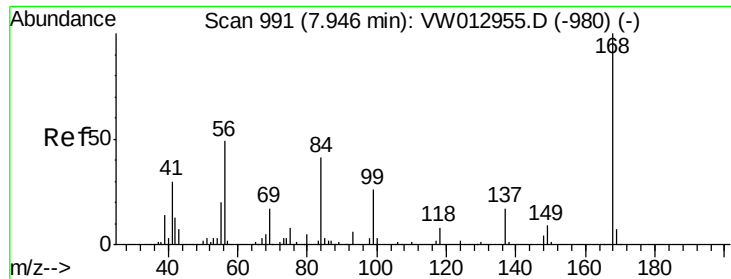
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091719\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013088.D

Acq: 17 Sep 2019 14:21

Instrument :

MSVOA_W

ClientSampled :

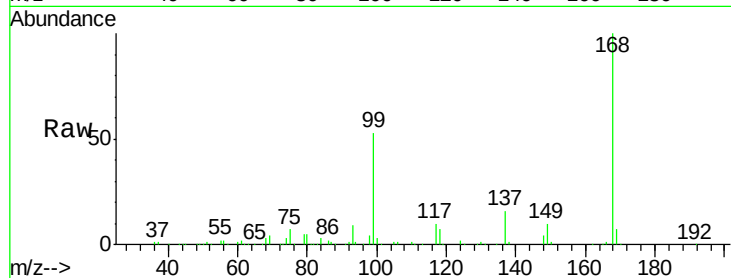
VOC-30

Tot Ion:168 Resp: 299751

Ion Ratio Lower Upper

168 100

99 53.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

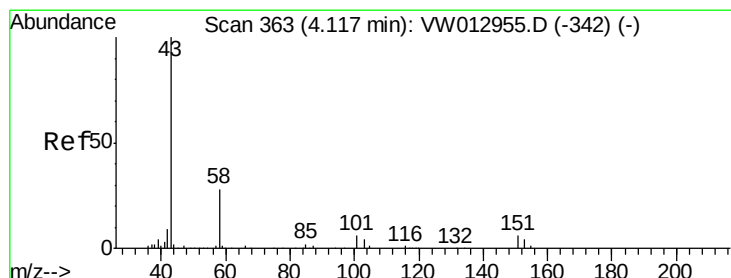
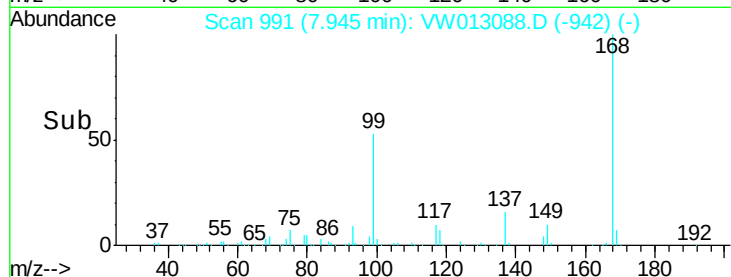
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 189.957 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW013088.D

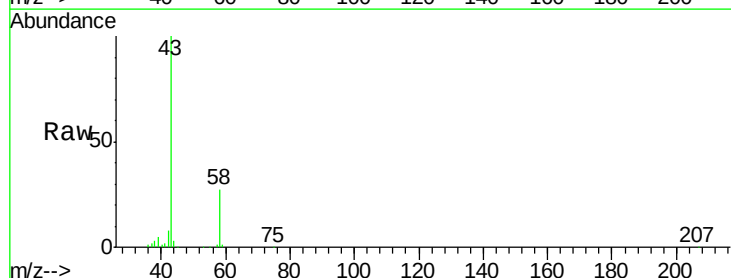
Acq: 17 Sep 2019 14:21

Tgt Ion: 43 Resp: 116930

Ion Ratio Lower Upper

43 100

58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

40000

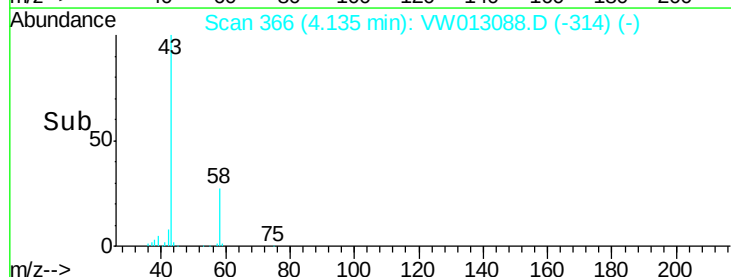
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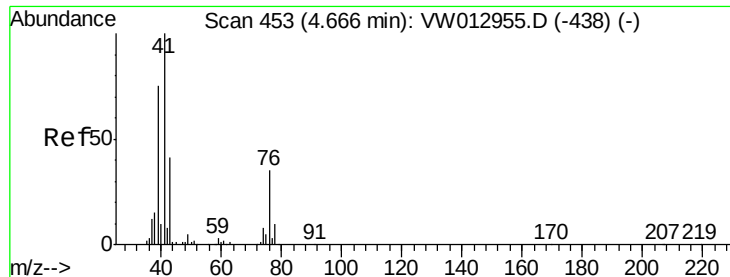
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Time-->

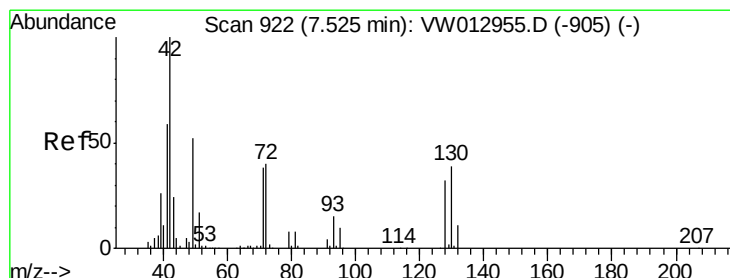
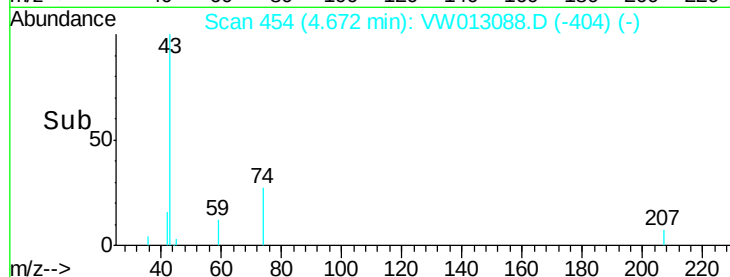
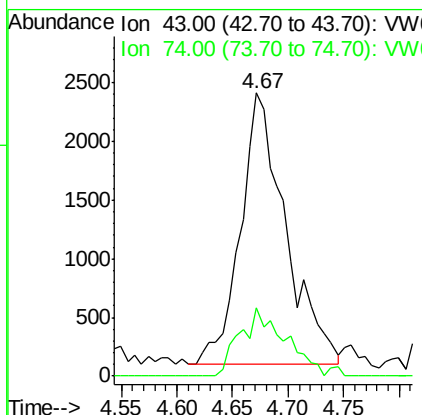
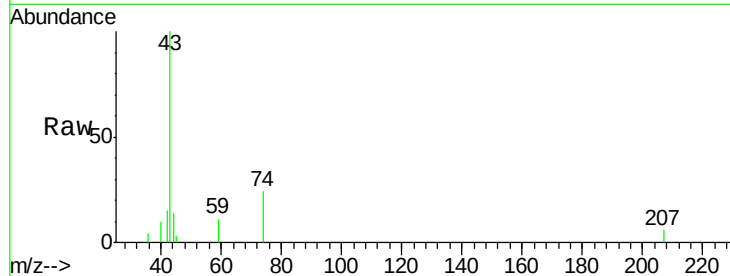




#18
Methyl Acetate
Concen: 4.155 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013088.D
Acq: 17 Sep 2019 14:21

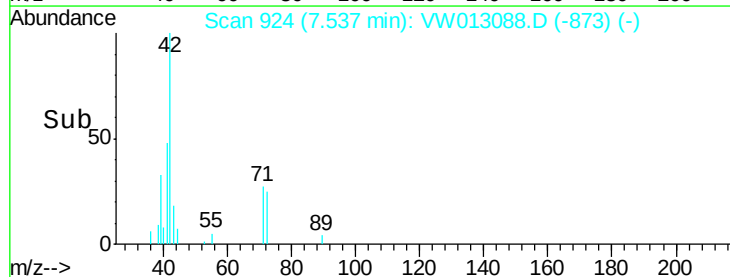
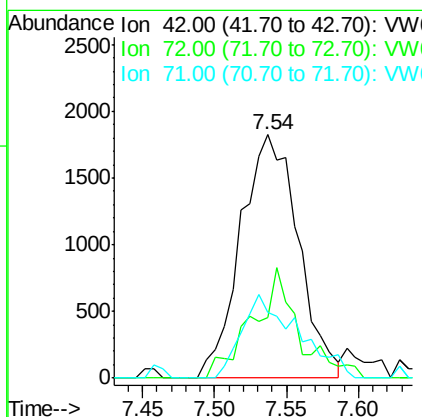
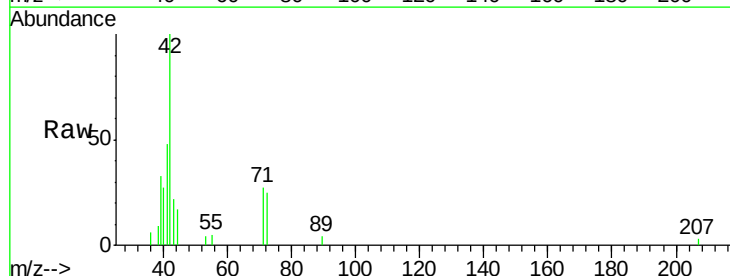
Instrument :
MSVOA_W
ClientSampled :
VOC-30

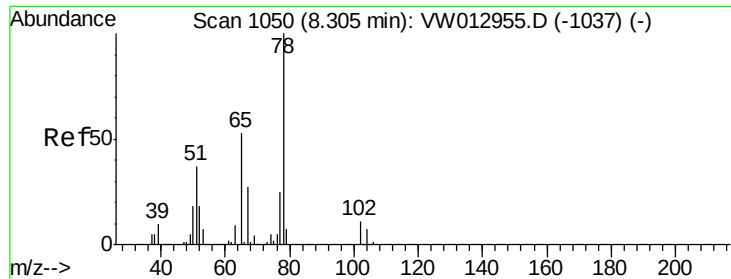
Tot Ion: 43 Resp: 6554
Ion Ratio Lower Upper
43 100
74 25.0 17.8 26.8



#29
Tetrahydrofuran
Concen: 10.124 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW013088.D
Acq: 17 Sep 2019 14:21

Tgt Ion: 42 Resp: 5078
Ion Ratio Lower Upper
42 100
72 36.2 31.4 47.0
71 33.6 29.8 44.8

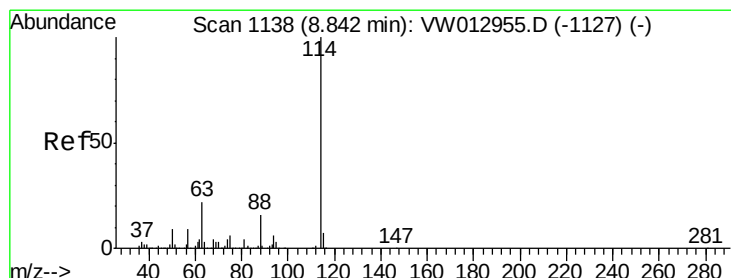
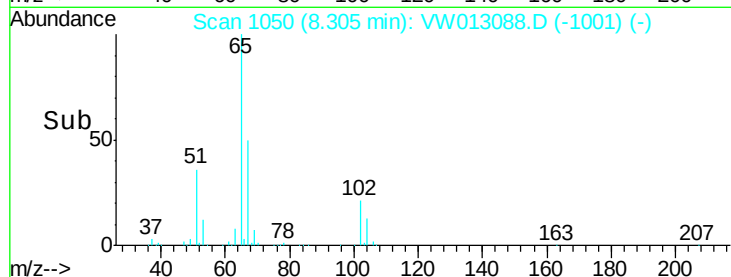
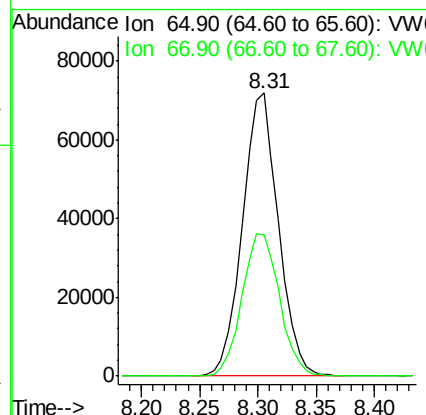
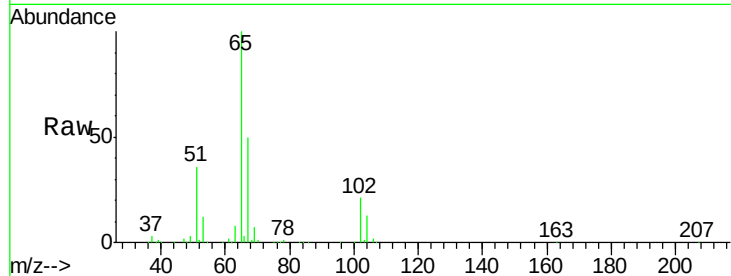




#33
 1,2-Dichloroethane-d4
 Concen: 55.930 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013088.D
 Acq: 17 Sep 2019 14:21

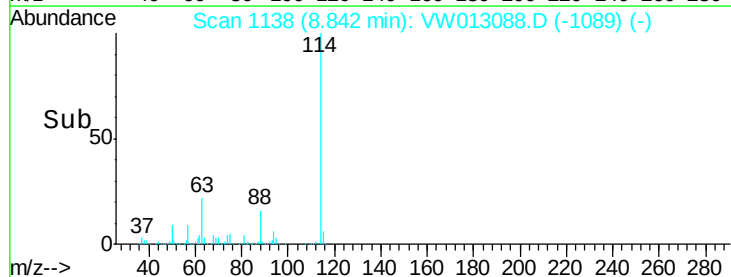
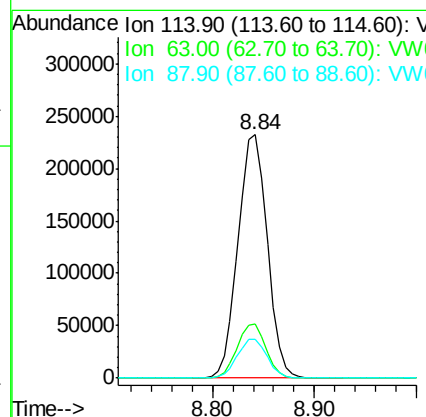
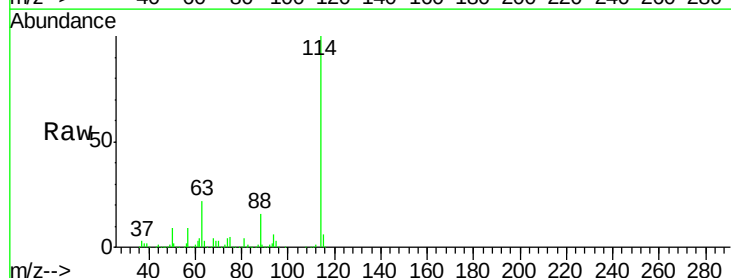
Instrument :
 MSVOA_W
 ClientSampled :
 VOC-30

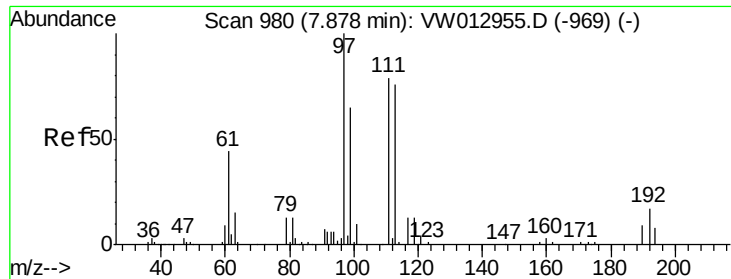
Tot Ion: 65 Resp: 154838
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013088.D
 Acq: 17 Sep 2019 14:21

Tgt Ion: 114 Resp: 462551
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 15.8 0.0 31.6

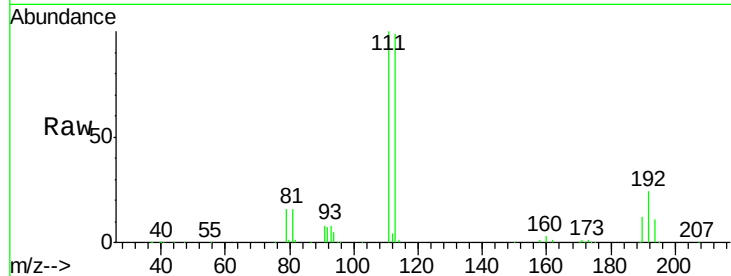




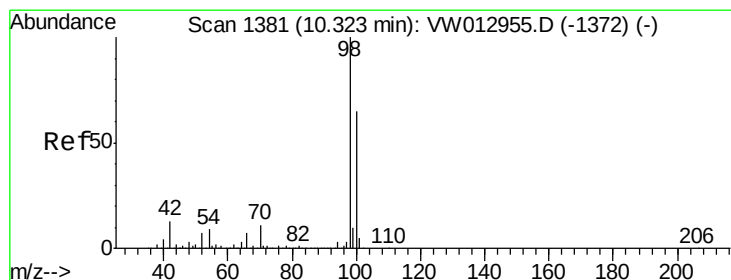
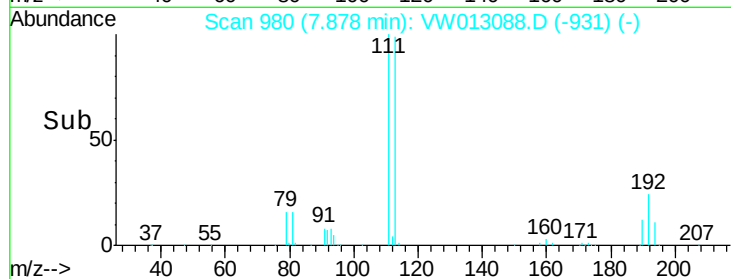
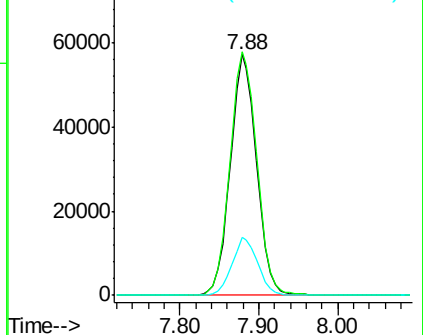
#35
 Dibromofluoromethane
 Concen: 52.510 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013088.D
 Acq: 17 Sep 2019 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-30

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	23.5	17.8	26.8

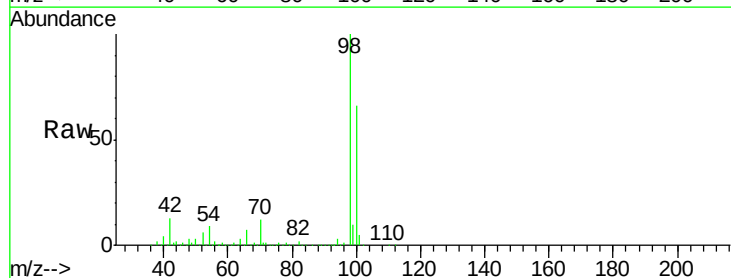


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

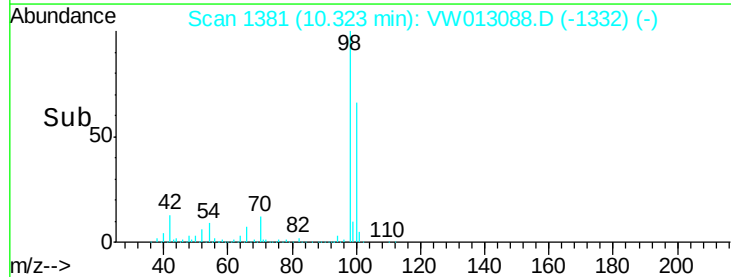
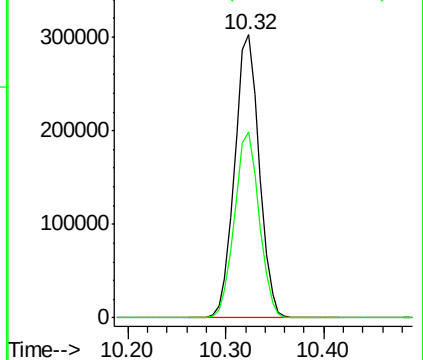


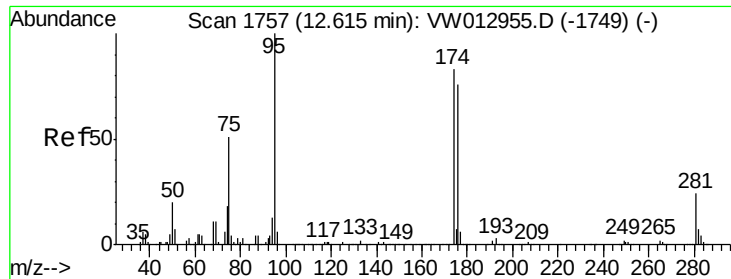
#50
 Toluene-d8
 Concen: 53.797 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013088.D
 Acq: 17 Sep 2019 14:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.1	78.1



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

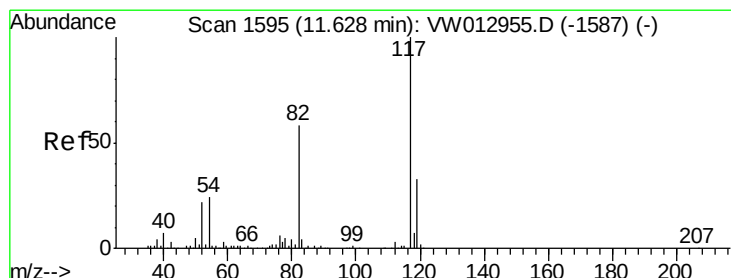
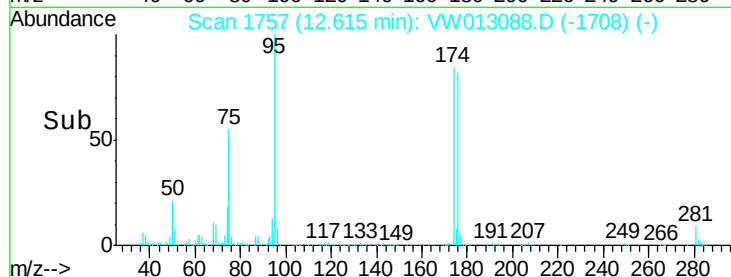
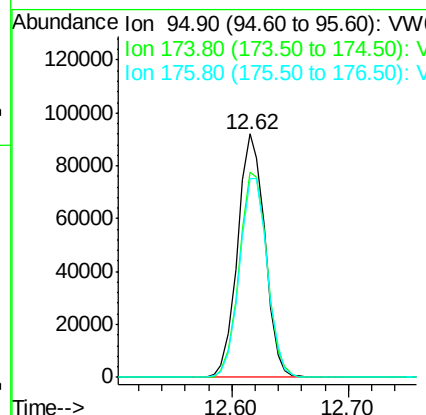
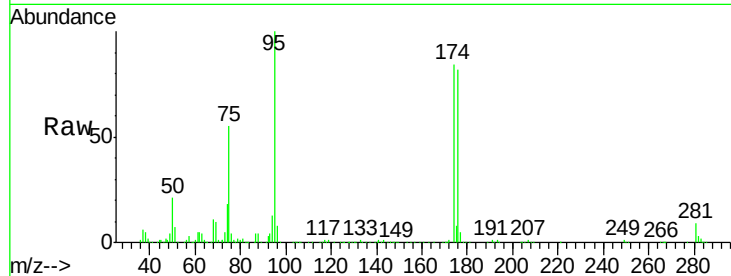




#62
4-Bromofluorobenzene
Concen: 42.438 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013088.D
Acq: 17 Sep 2019 14:21

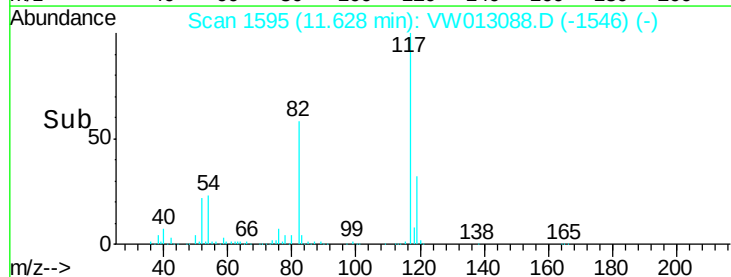
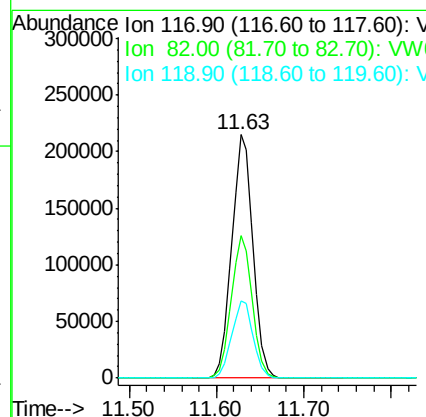
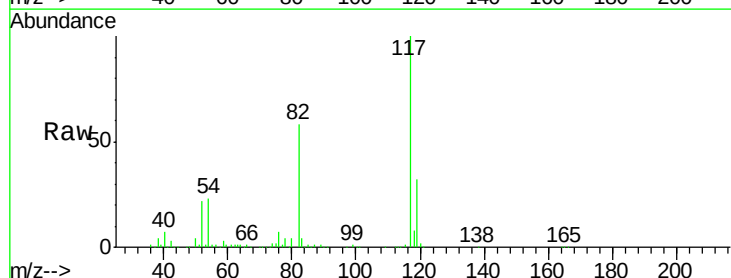
Instrument :
MSVOA_W
ClientSampled :
VOC-30

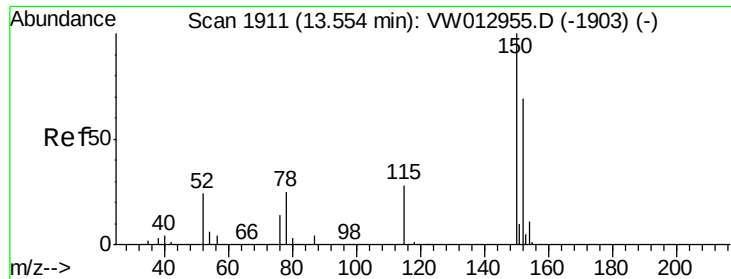
Tot Ion: 95 Resp: 149872
Ion Ratio Lower Upper
95 100
174 86.1 0.0 170.4
176 83.7 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013088.D
Acq: 17 Sep 2019 14:21

Tgt Ion: 117 Resp: 360949
Ion Ratio Lower Upper
117 100
82 58.4 46.3 69.5
119 31.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW013088.D

Acq: 17 Sep 2019 14:21

Instrument :

MSVOA_W

ClientSampleId :

VOC-30

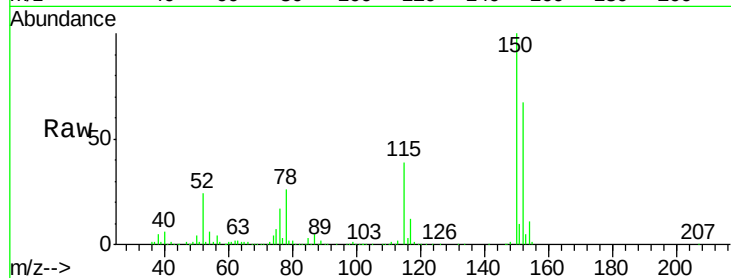
Tot Ion:152 Resp: 131472

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.4

150 154.4 0.0 340.2



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

