

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010432.D
 Acq On : 18 May 2019 01:52
 Operator : SY/VA
 Sample : K2845-02
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FEBH-02

Quant Time: May 18 05:19:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 18 01:59:40 2019
 Response via : Initial Calibration

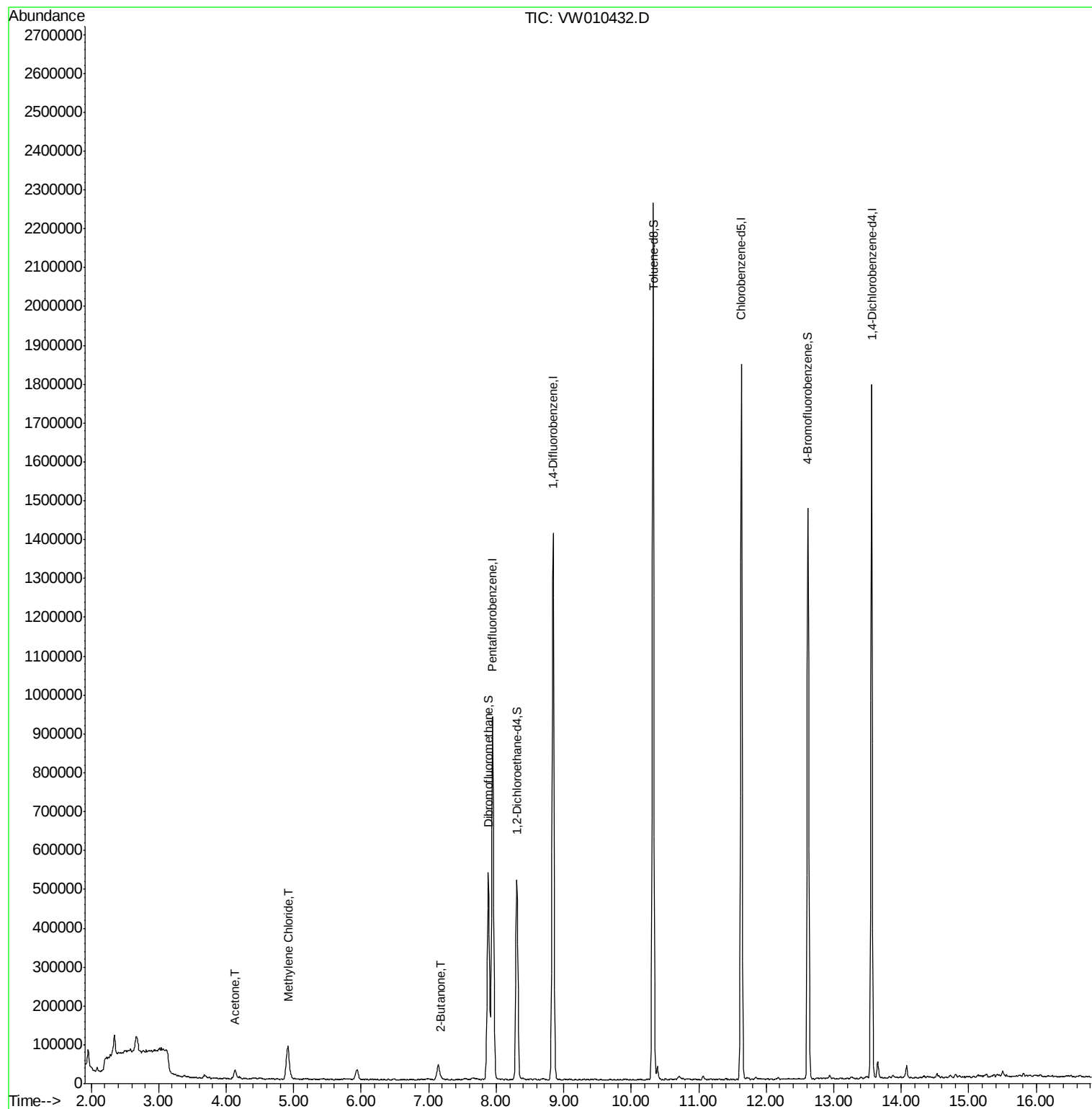
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	664524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1247006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1077801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	448390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	410414	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	7.88	113	392544	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	10.32	98	1506744	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.62	95	552402	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
Target Compounds						
16) Acetone	4.13	43	42735	33.288	ug/l	97
20) Methylene Chloride	4.92	84	68892	6.932	ug/l	97
25) 2-Butanone	7.18	43	2433	1.112	ug/l	95

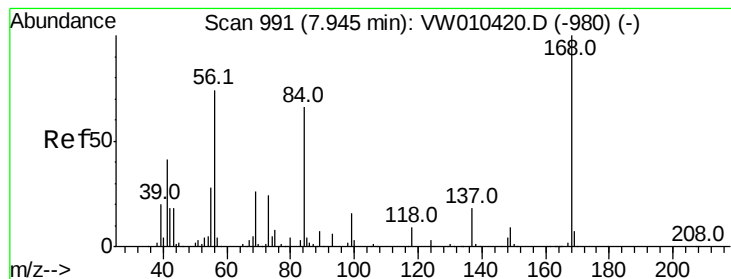
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW010432.D

Acq: 18 May 2019 01:52

Instrument :

MSVOA_W

ClientSampleId :

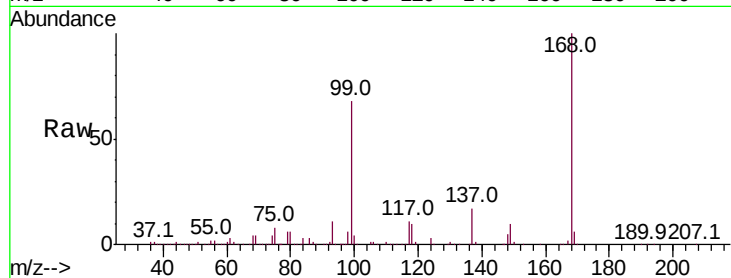
FEBH-02

Tot Ion:168 Resp: 664524

Ion Ratio Lower Upper

168 100

99 67.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

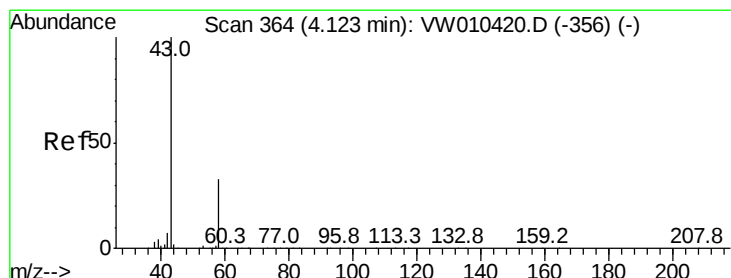
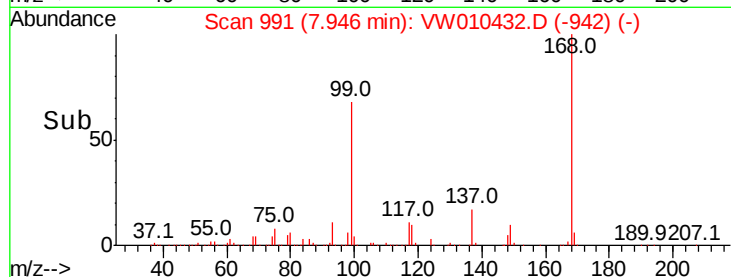
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 33.288 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010432.D

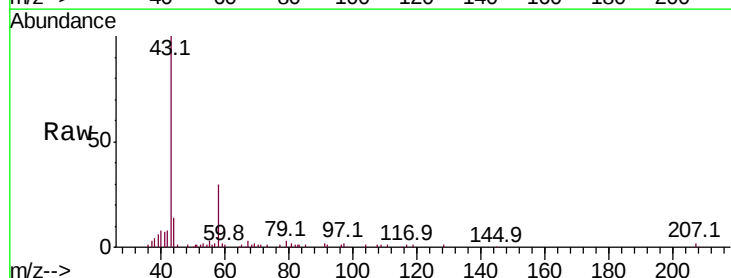
Acq: 18 May 2019 01:52

Tgt Ion: 43 Resp: 42735

Ion Ratio Lower Upper

43 100

58 30.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

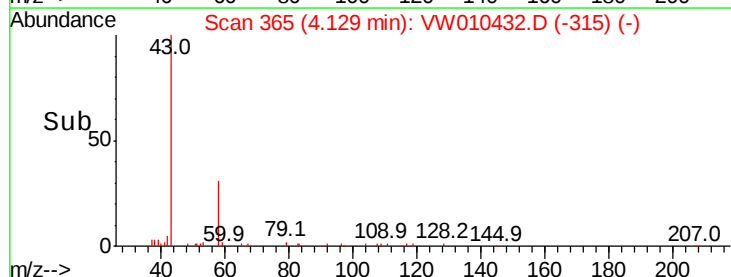
15000

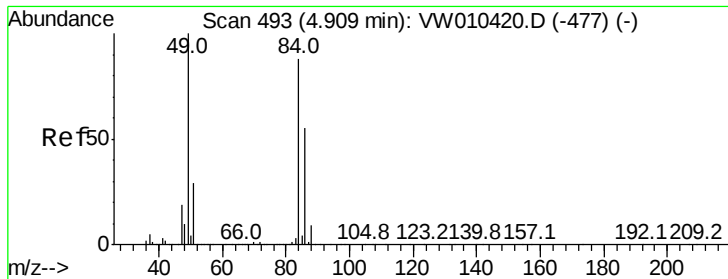
10000

5000

0

Time--> 4.00 4.10 4.20

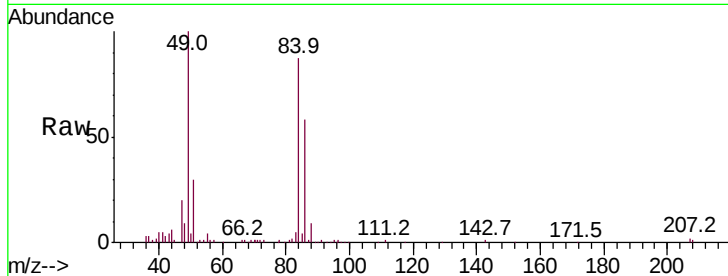




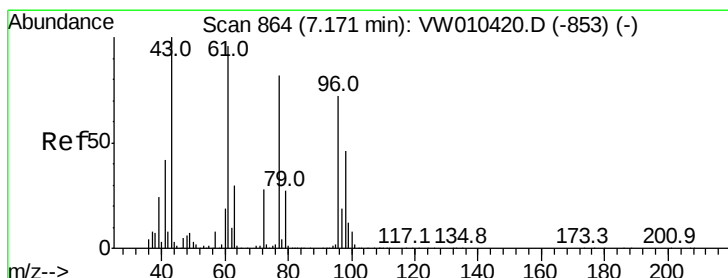
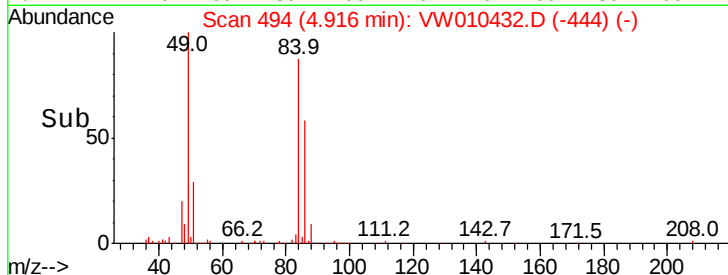
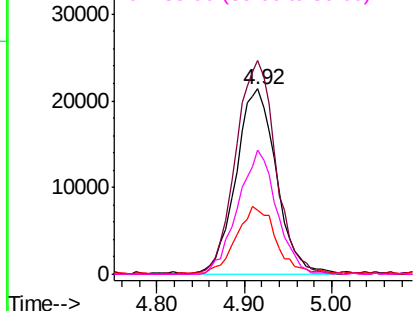
#20
Methylene Chloride
Concen: 6.932 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010432.D
Acq: 18 May 2019 01:52

Instrument :
MSVOA_W
ClientSampled :
FEBH-02

Tot Ion:	84	Resp:	68892
Ion	Ratio	Lower	Upper
84	100		
49	115.4	90.6	135.8
51	33.9	26.6	40.0
86	67.4	49.7	74.5

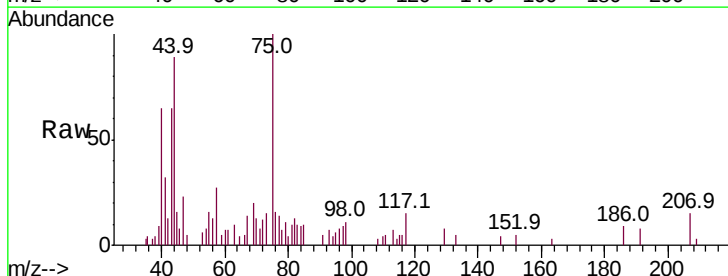


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

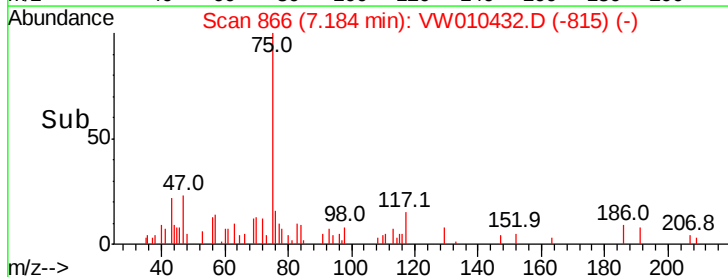
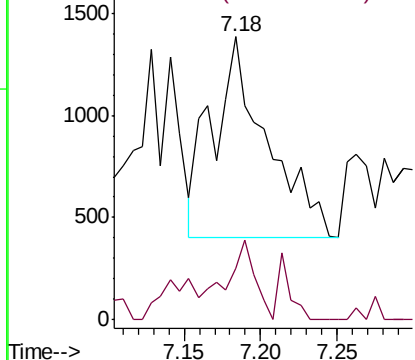


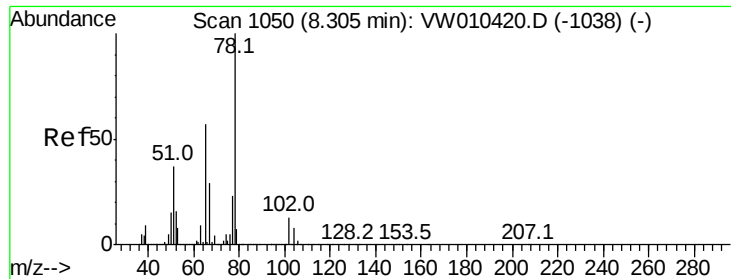
#25
2-Butanone
Concen: 1.112 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW010432.D
Acq: 18 May 2019 01:52

Tgt Ion:	43	Resp:	2433
Ion	Ratio	Lower	Upper
43	100		
72	25.5	22.6	33.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

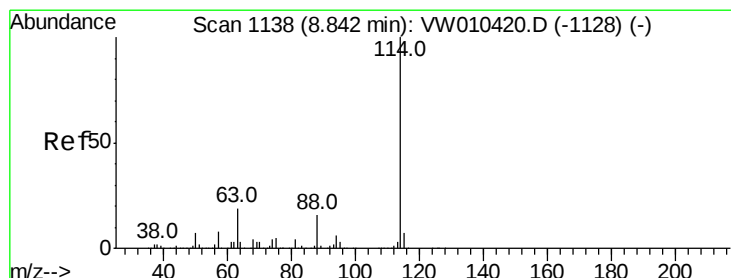
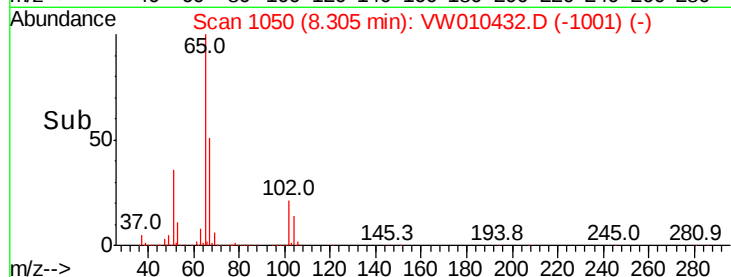
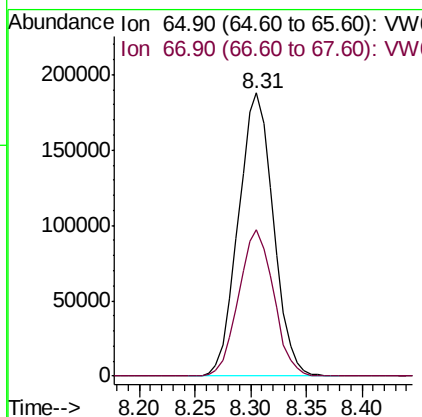
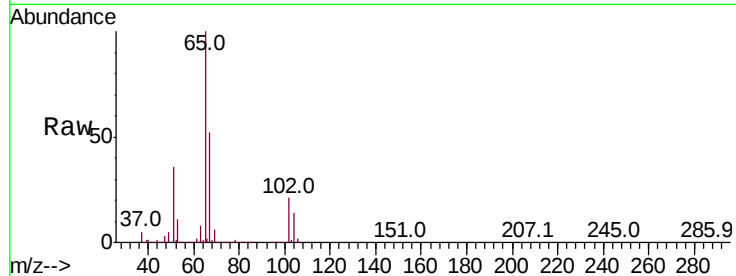




#33
 1,2-Dichloroethane-d4
 Concen: 56.314 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010432.D
 Acq: 18 May 2019 01:52

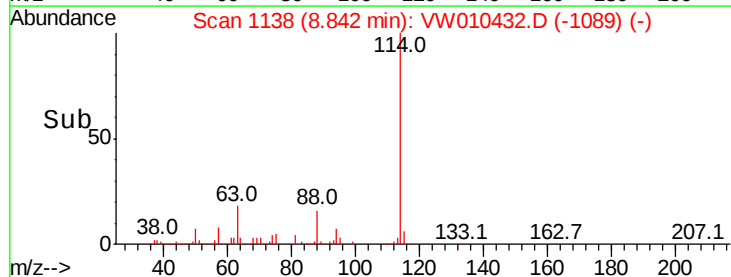
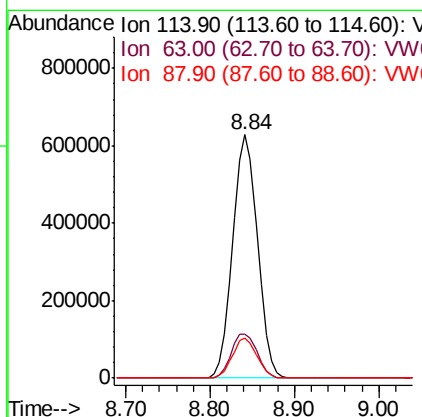
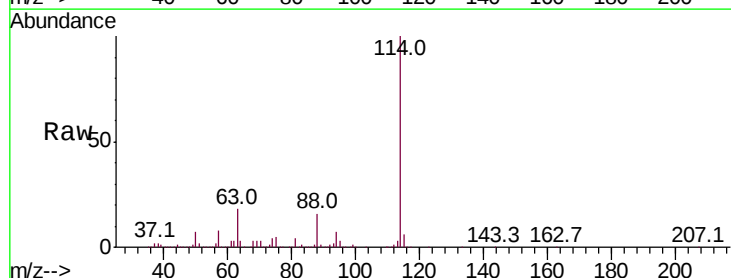
Instrument :
 MSVOA_W
 ClientSampleId :
 FEBH-02

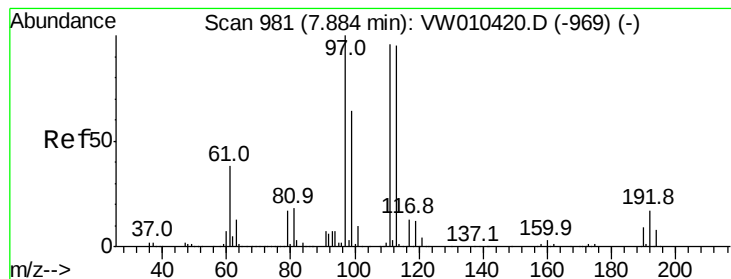
Tot Ion: 65 Resp: 410414
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010432.D
 Acq: 18 May 2019 01:52

Tgt Ion: 114 Resp: 1247006
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.8
 88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.968 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010432.D

Acq: 18 May 2019 01:52

Instrument :

MSVOA_W

ClientSampleId :

FEBH-02

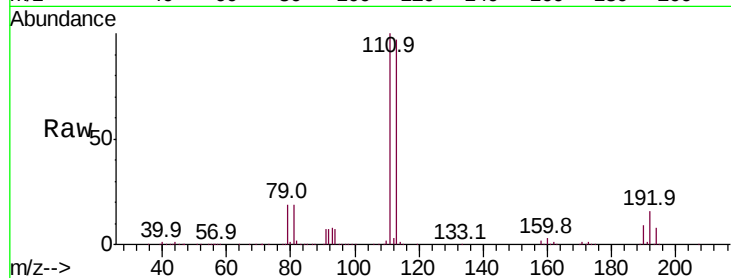
Tot Ion:113 Resp: 392544

Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

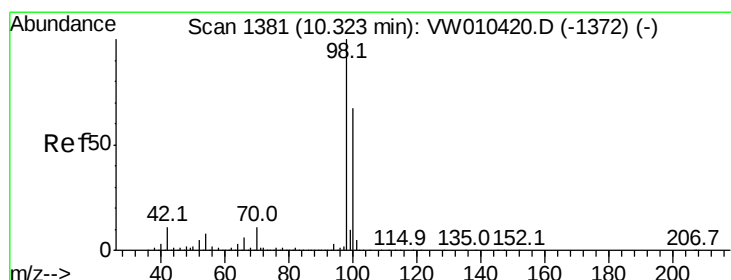
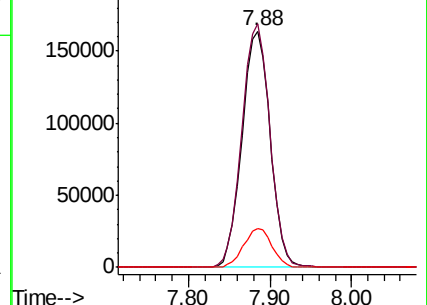
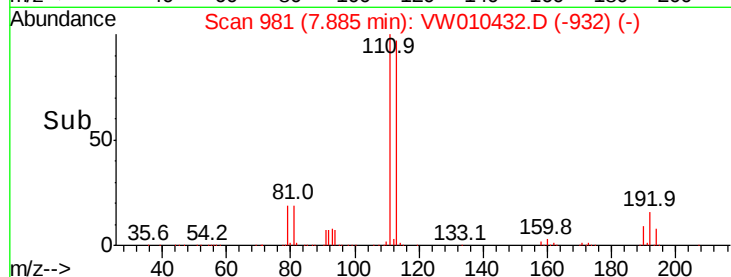
192 16.6 14.2 21.4



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: 52.461 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010432.D

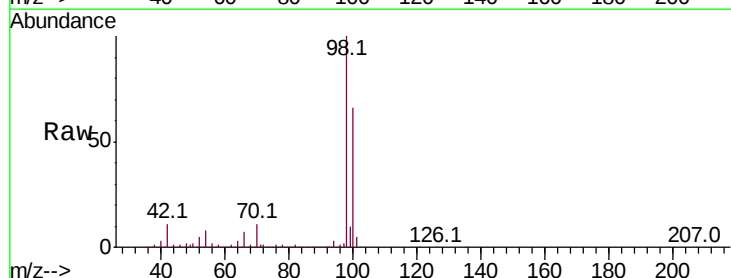
Acq: 18 May 2019 01:52

Tgt Ion: 98 Resp: 1506744

Ion Ratio Lower Upper

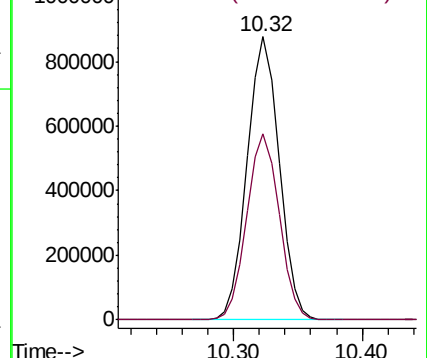
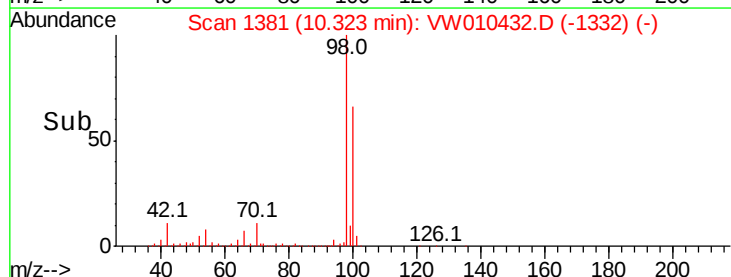
98 100

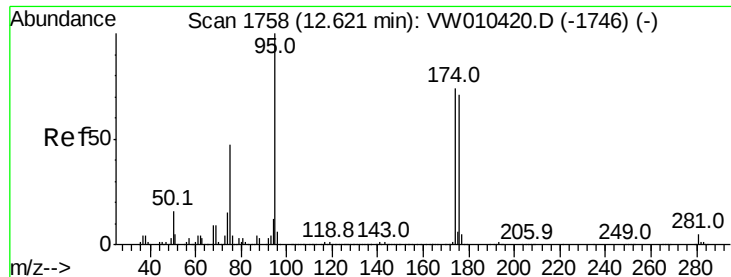
100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.988 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW010432.D

Acq: 18 May 2019 01:52

Instrument :

MSVOA_W

ClientSampleId :

FEBH-02

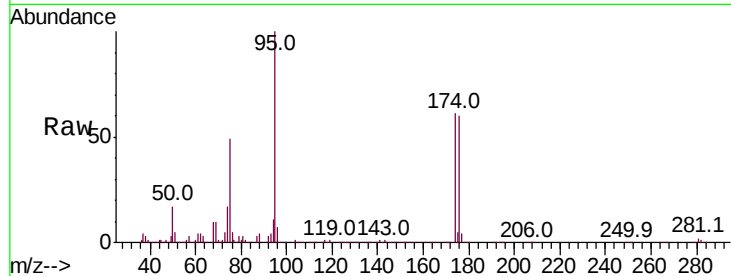
Tot Ion: 95 Resp: 552402

Ion Ratio Lower Upper

95 100

174 66.0 0.0 146.6

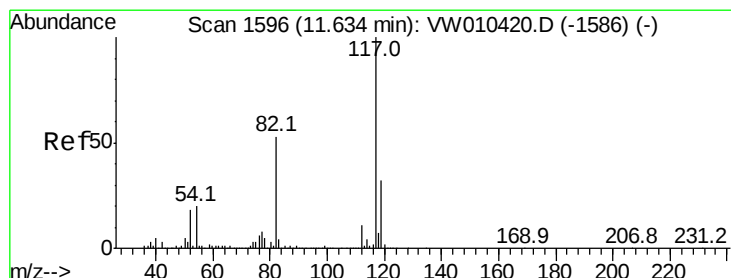
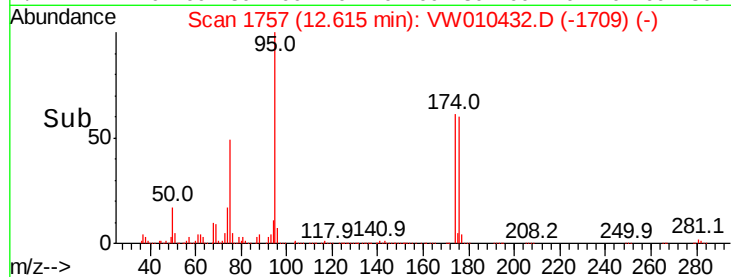
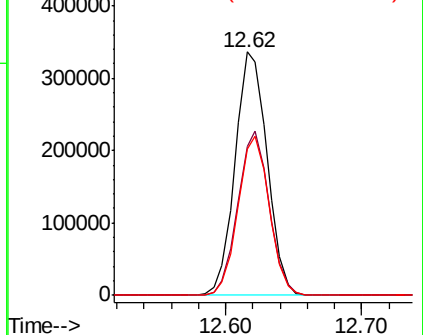
176 64.0 0.0 141.4



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: VW010432.D

Acq: 18 May 2019 01:52

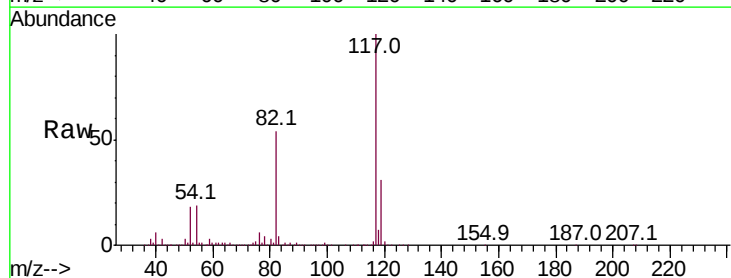
Tgt Ion: 117 Resp: 1077801

Ion Ratio Lower Upper

117 100

82 54.4 42.1 63.1

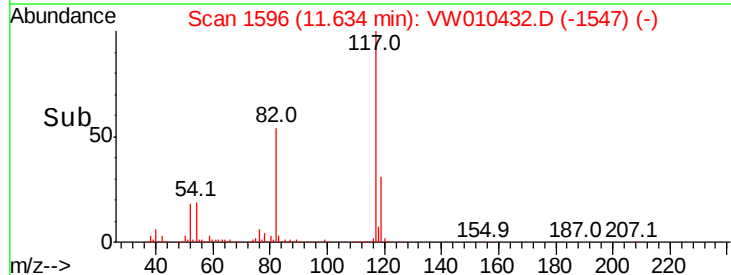
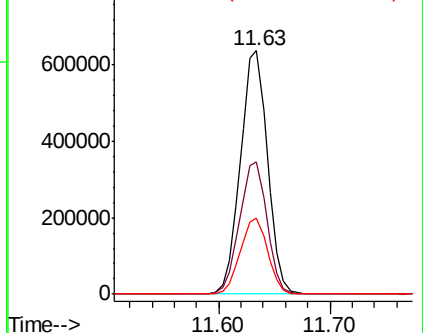
119 31.2 25.6 38.4

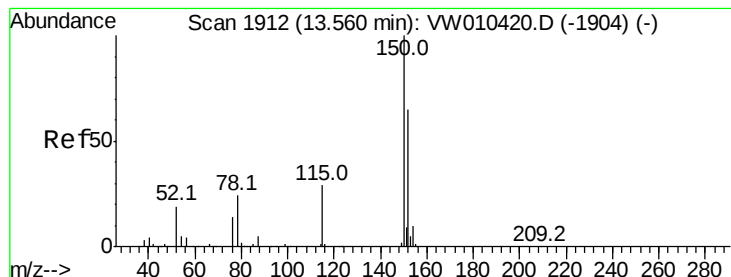


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010432.D

Acq: 18 May 2019 01:52

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MSVOA_W

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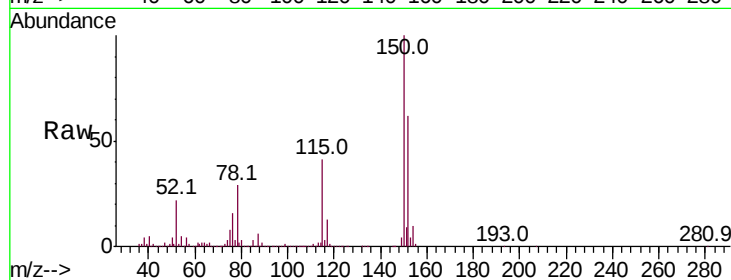
Tot Ion:152 Resp: 448390

Ion Ratio Lower Upper

152 100

115 65.5 30.0 90.1

150 156.6 0.0 350.2



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

