

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013381.D
 Acq On : 02 Oct 2019 16:29
 Operator : SY/VA
 Sample : K5083-06
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190703-RR-COMPOSITE-3

Quant Time: Oct 02 16:55:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

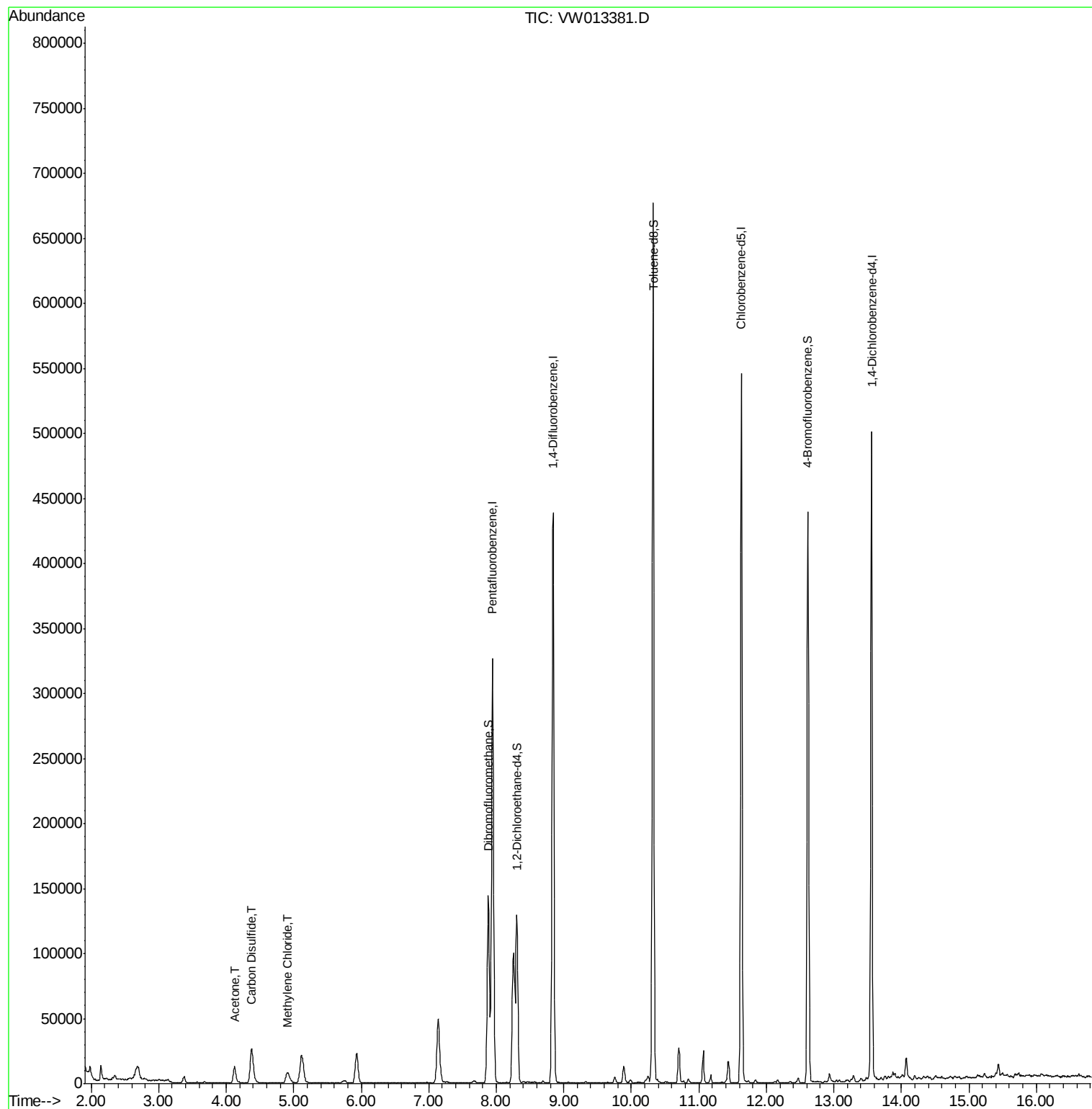
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100003	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
35) Dibromofluoromethane	7.88	113	108442	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	10.32	98	456305	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.62	95	139750	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						
16) Acetone	4.12	43	21928	34.730	ug/l #	85
17) Carbon Disulfide	4.38	76	59275	8.367	ug/l	98
20) Methylene Chloride	4.90	84	7324	1.025	ug/l #	86

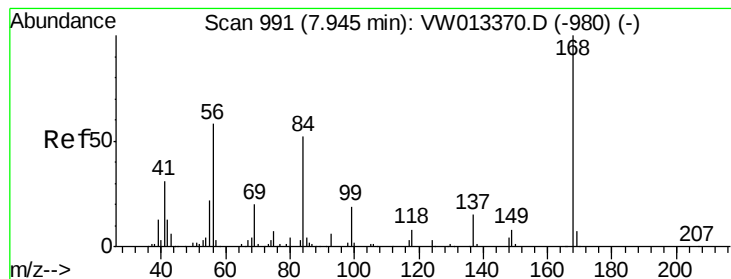
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013381.D

Acq: 02 Oct 2019 16:29

Instrument :

MSVOA_W

ClientSampleId :

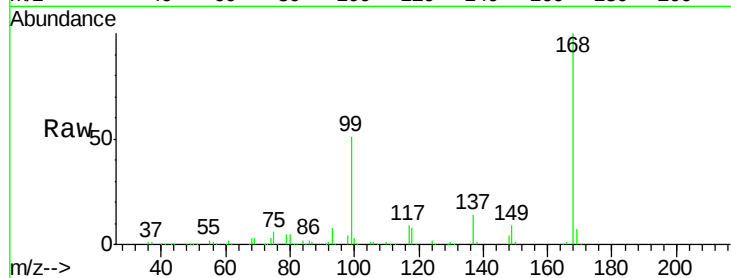
20190703-RR-COMPOSITE-3

Tot Ion:168 Resp: 275872

Ion Ratio Lower Upper

168 100

99 51.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

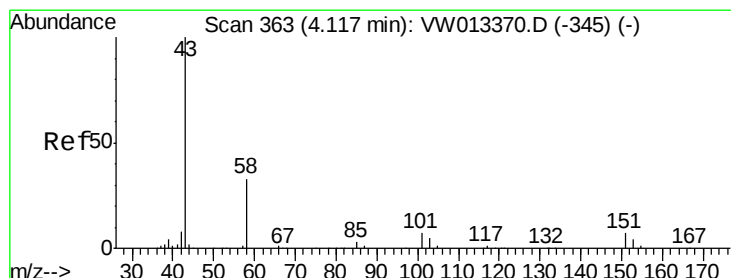
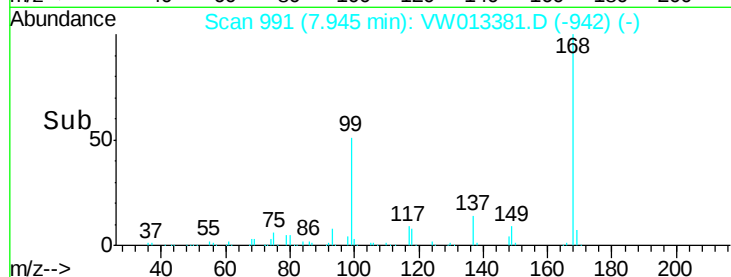
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 34.730 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013381.D

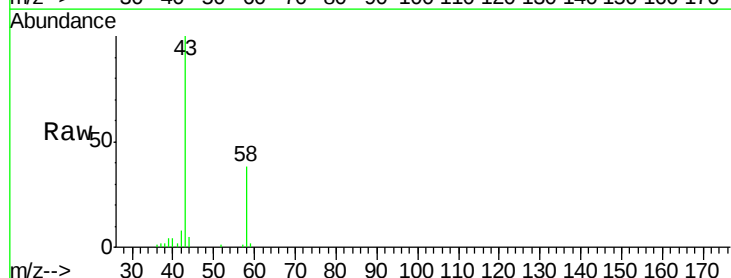
Acq: 02 Oct 2019 16:29

Tgt Ion: 43 Resp: 21928

Ion Ratio Lower Upper

43 100

58 38.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

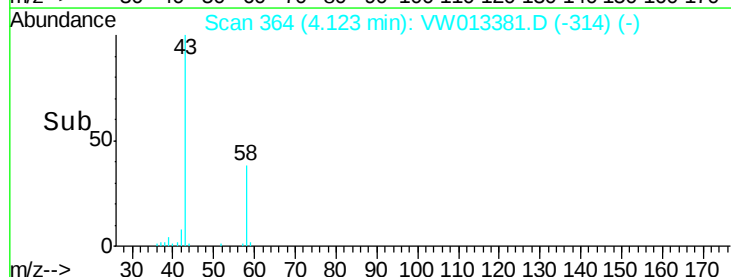
6000

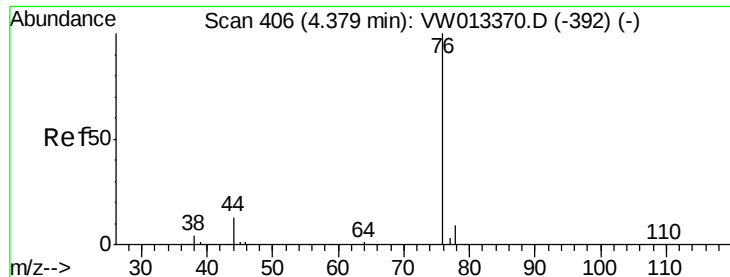
4000

2000

0

Time--> 4.00 4.05 4.10 4.15 4.20





#17

Carbon Disulfide

Concen: 8.367 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013381.D

Acq: 02 Oct 2019 16:29

Instrument :

MSVOA_W

ClientSampleId :

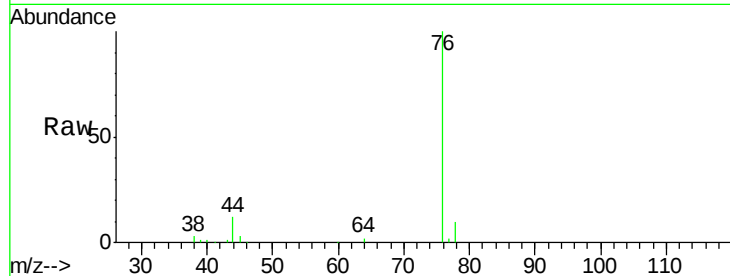
20190703-RR-COMPOSITE-3

Tot Ion: 76 Resp: 59275

Ion Ratio Lower Upper

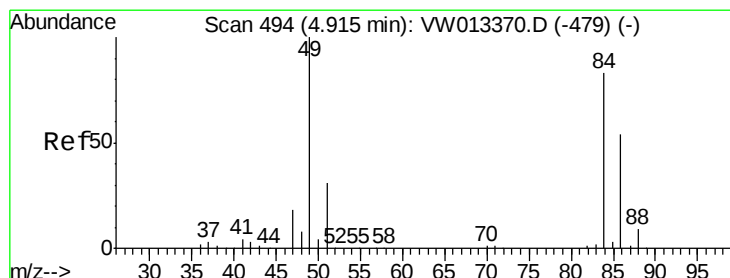
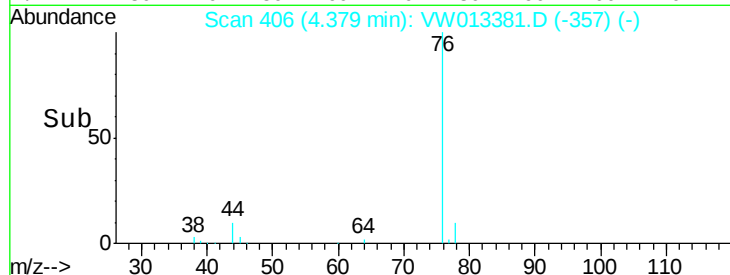
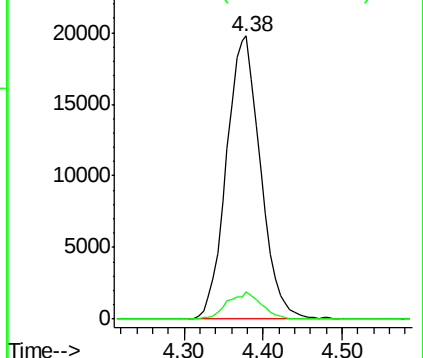
76 100

78 9.6 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 1.025 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013381.D

Acq: 02 Oct 2019 16:29

Tgt Ion: 84 Resp: 7324

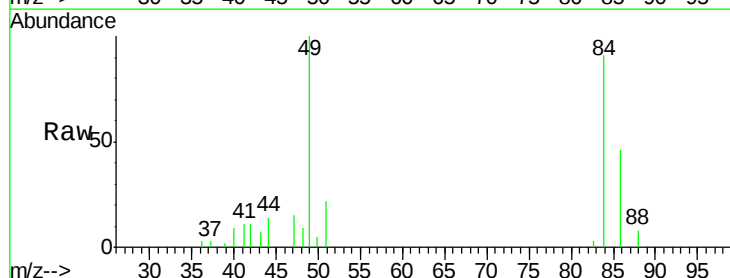
Ion Ratio Lower Upper

84 100

49 109.8 97.6 146.4

51 24.1 30.2 45.2#

86 51.1 50.6 76.0

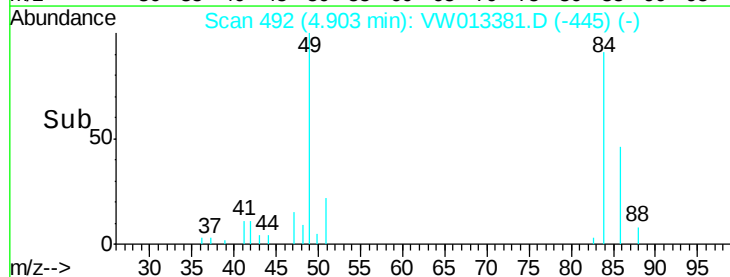
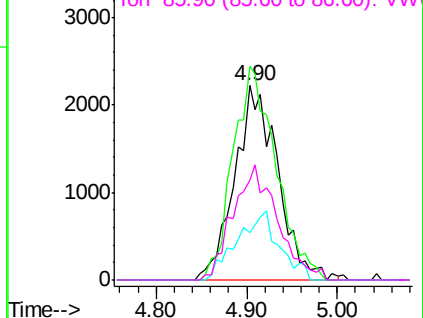


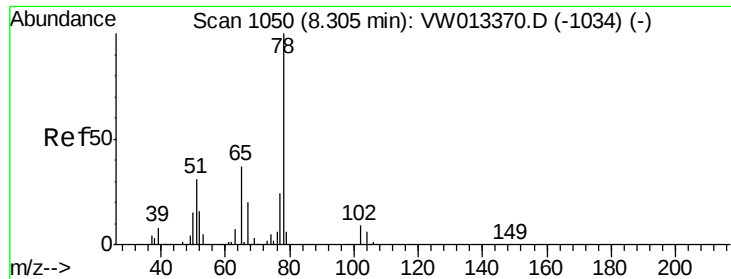
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 48.548 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013381.D

Acq: 02 Oct 2019 16:29

Instrument :

MSVOA_W

ClientSampleId :

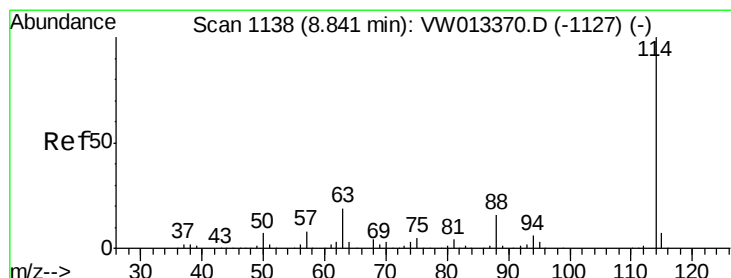
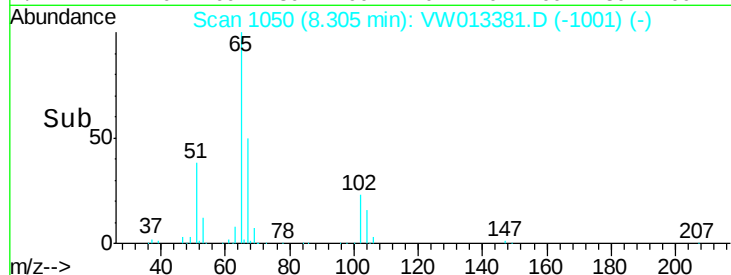
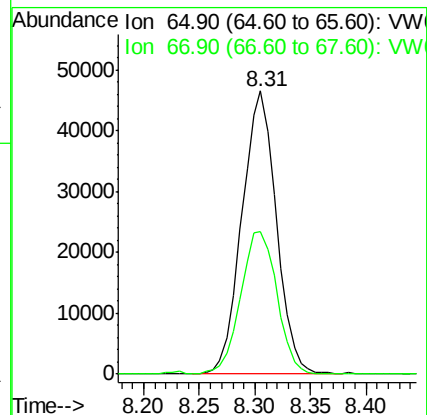
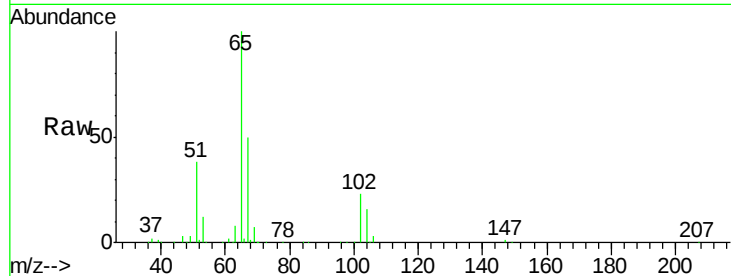
20190703-RR-COMPOSITE-3

Tot Ion: 65 Resp: 100003

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013381.D

Acq: 02 Oct 2019 16:29

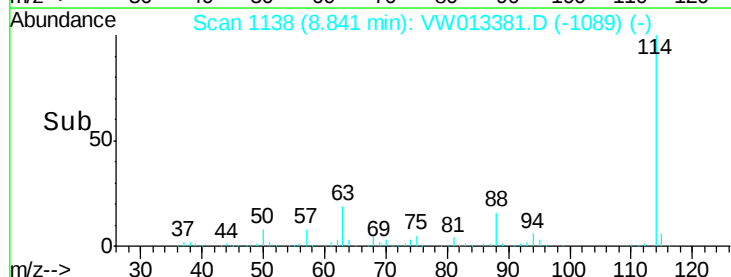
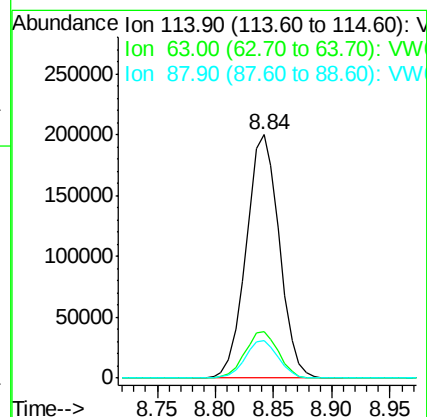
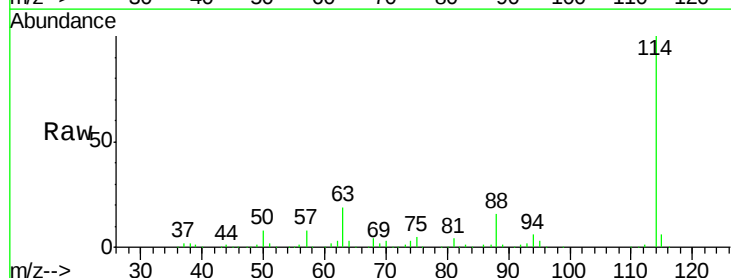
Tgt Ion: 114 Resp: 396799

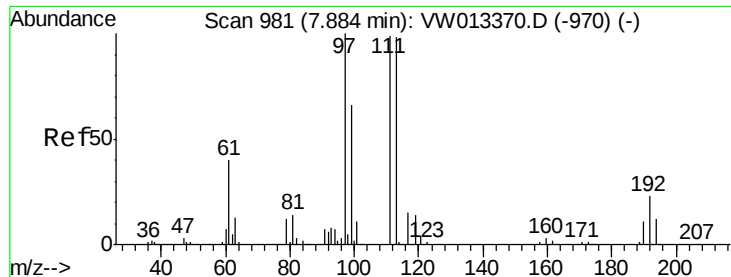
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.083 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013381.D

Acq: 02 Oct 2019 16:29

Instrument :

MSVOA_W

ClientSampleId :

20190703-RR-COMPOSITE-3

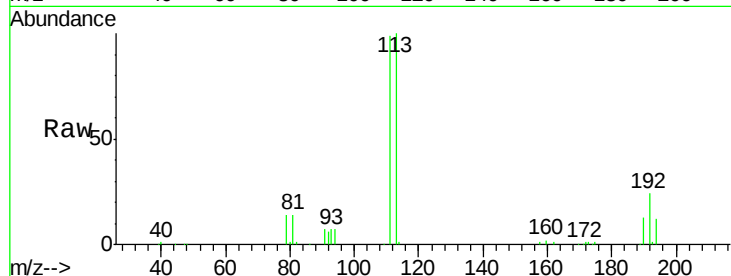
Tot Ion:113 Resp: 108442

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

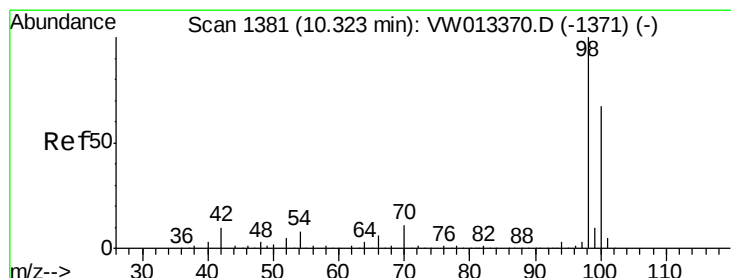
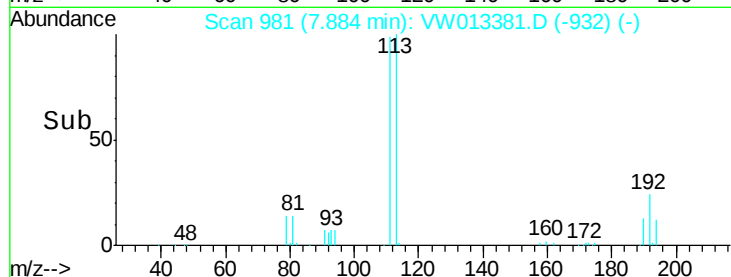
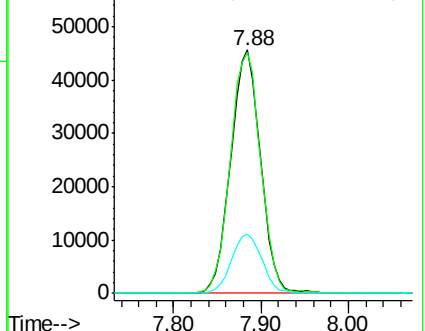
192 24.8 19.1 28.7



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: 52.811 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013381.D

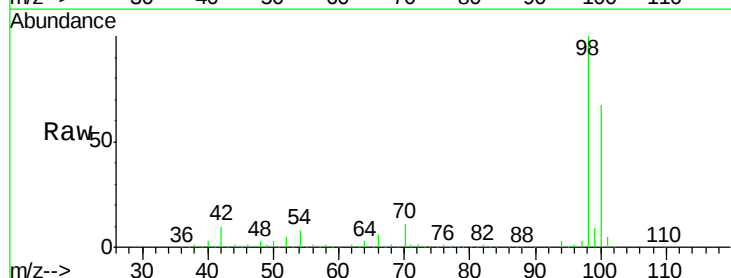
Acq: 02 Oct 2019 16:29

Tgt Ion: 98 Resp: 456305

Ion Ratio Lower Upper

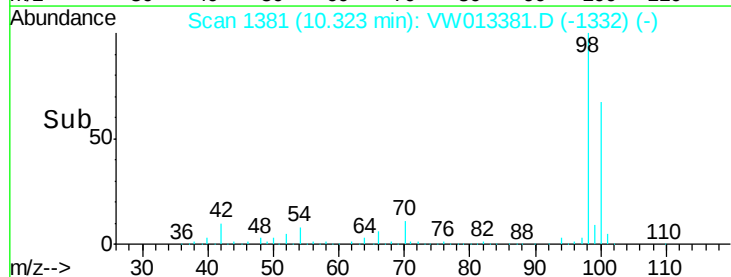
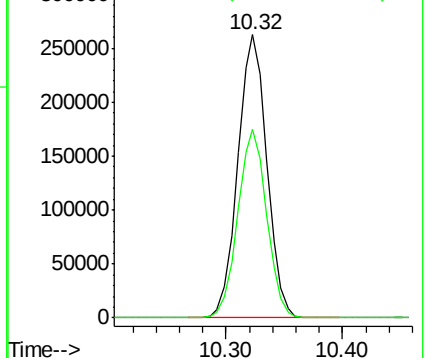
98 100

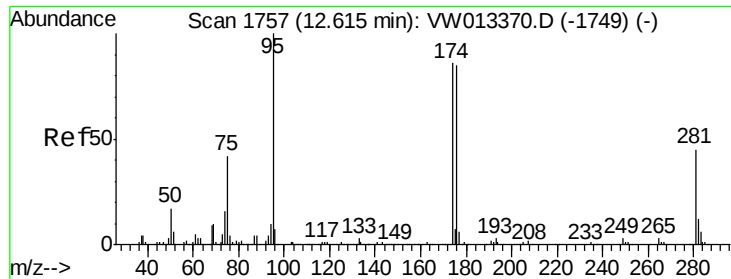
100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.435 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013381.D

Acq: 02 Oct 2019 16:29

Instrument :

MSVOA_W

ClientSampleId :

20190703-RR-COMPOSITE-3

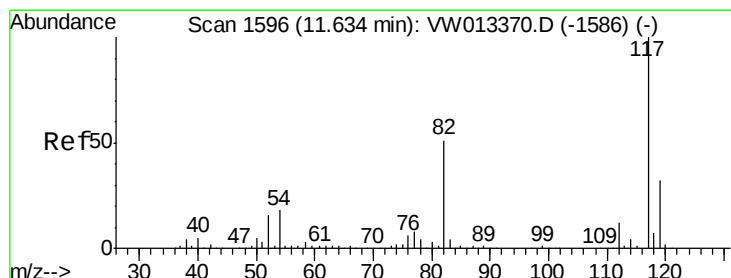
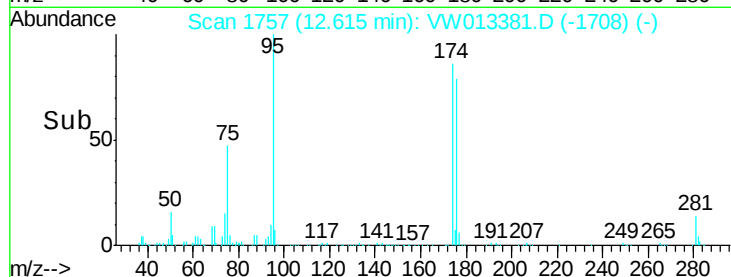
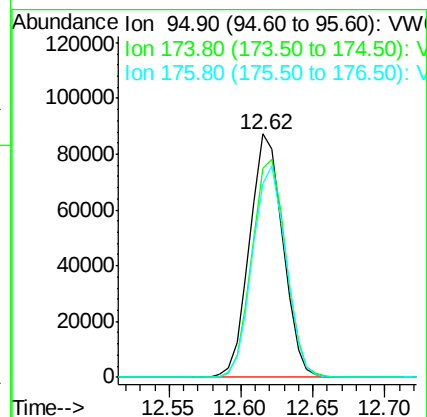
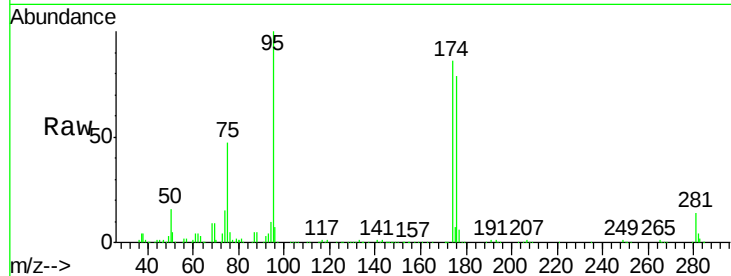
Tot Ion: 95 Resp: 139750

Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.4

176 87.1 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW013381.D

Acq: 02 Oct 2019 16:29

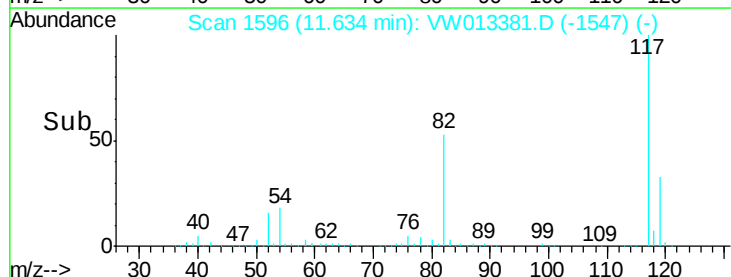
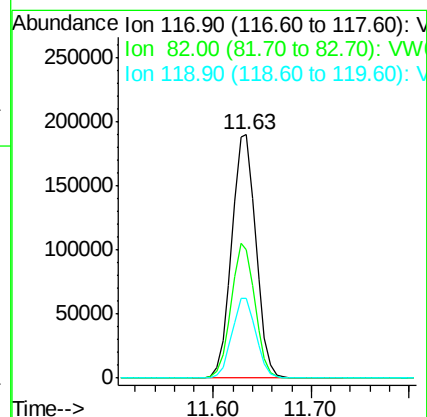
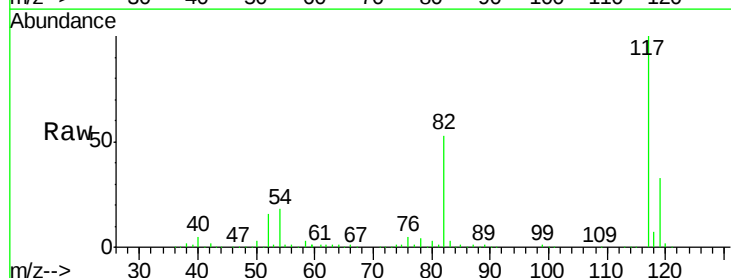
Tgt Ion: 117 Resp: 326359

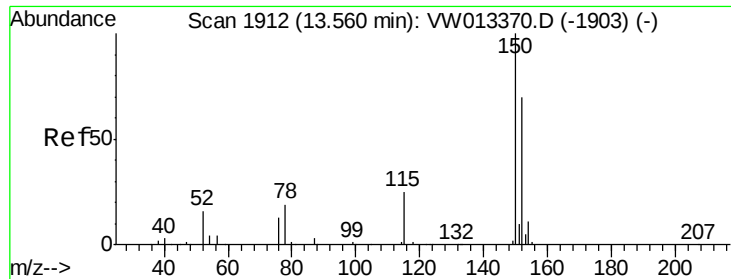
Ion Ratio Lower Upper

117 100

82 52.6 45.9 68.9

119 32.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013381.D

Acq: 02 Oct 2019 16:29

Instrument :

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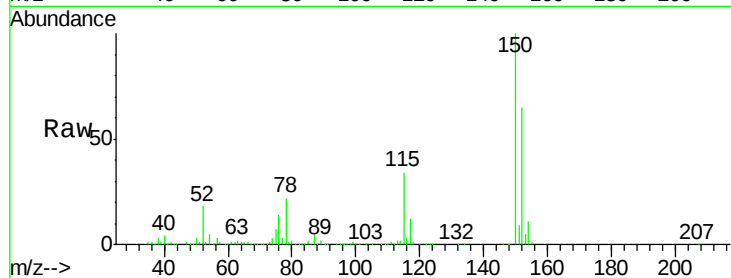
Tot Ion:152 Resp: 145196

Ion Ratio Lower Upper

152 100

115 54.8 27.3 81.9

150 155.3 0.0 349.0



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

