

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013466.D
 Acq On : 07 Oct 2019 16:28
 Operator : SY/VA
 Sample : K5231-04
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190766-SS-COMPOSITE-6

Quant Time: Oct 07 18:12:12 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

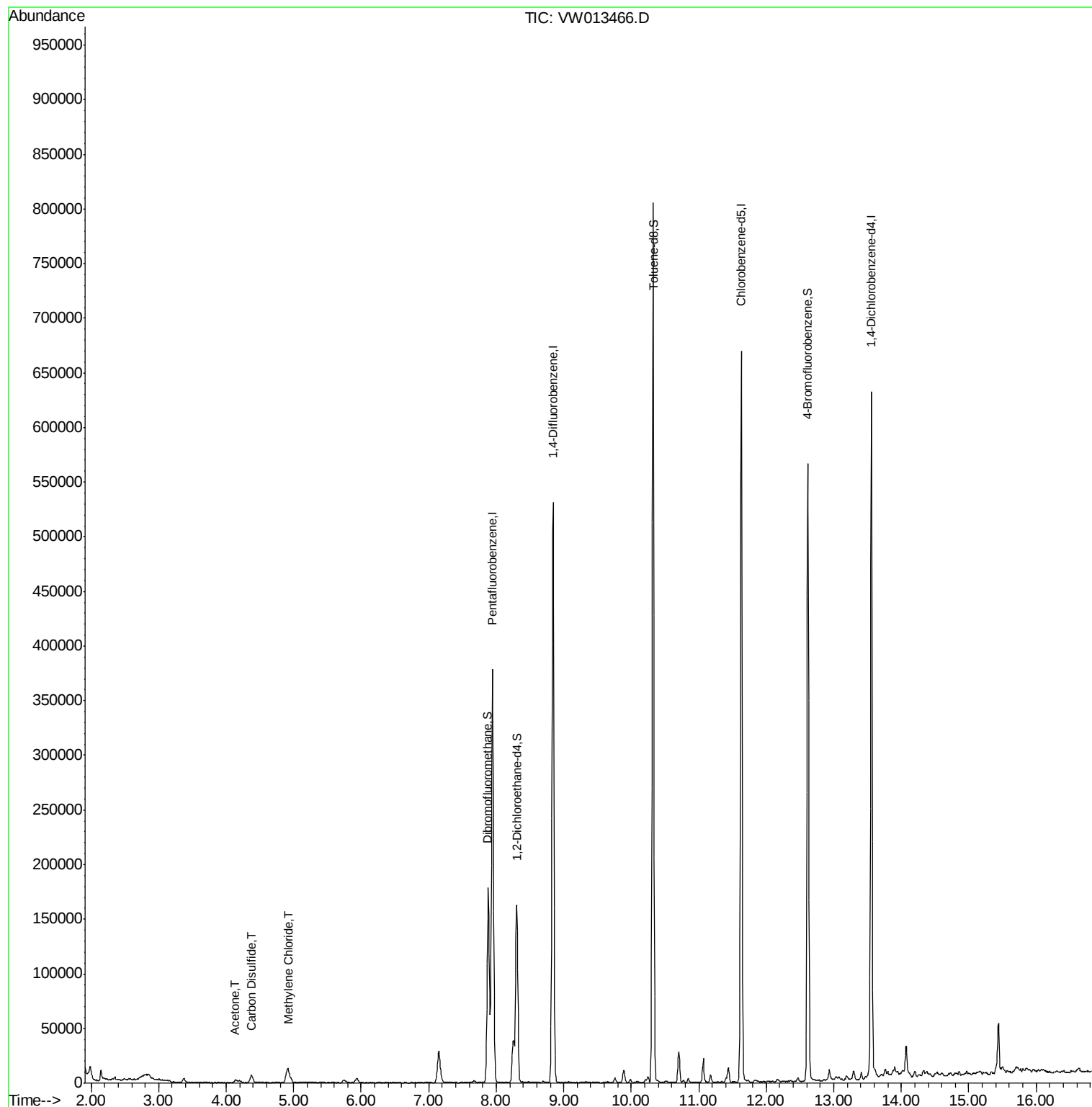
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128084	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
35) Dibromofluoromethane	7.88	113	132875	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.32	98	548262	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.62	95	176698	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
Target Compounds						
16) Acetone	4.14	43	5734	7.832	ug/l	98
17) Carbon Disulfide	4.37	76	15362	1.870	ug/l #	92
20) Methylene Chloride	4.92	84	11294	1.976	ug/l	90

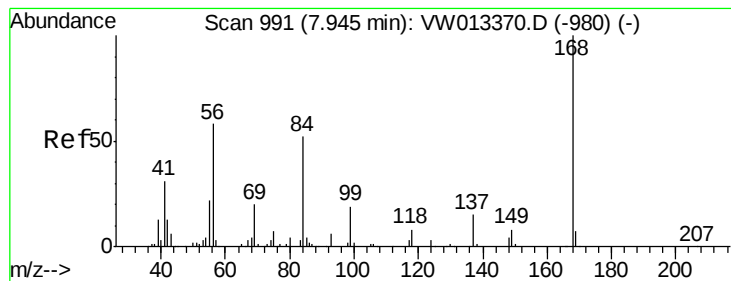
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013466.D

Acq: 07 Oct 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

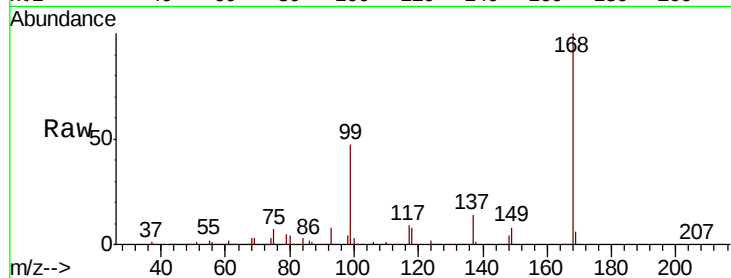
20190766-SS-COMPOSITE-6

Tot Ion:168 Resp: 319877

Ion Ratio Lower Upper

168 100

99 46.5 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

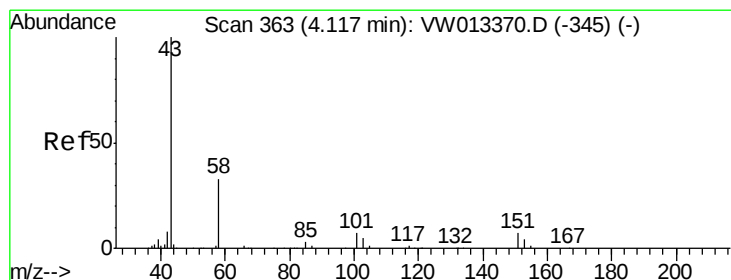
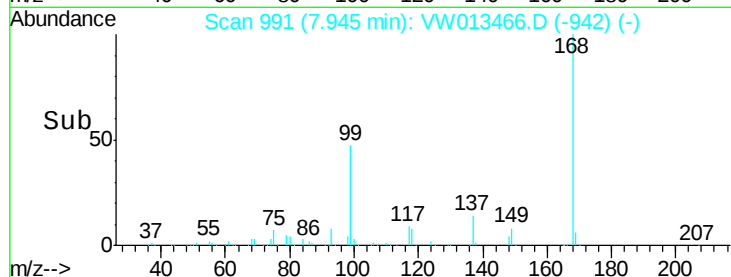
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 7.832 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW013466.D

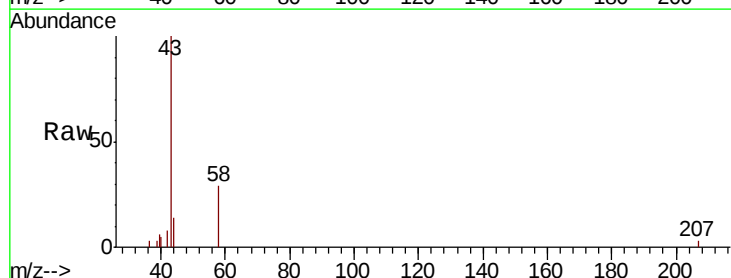
Acq: 07 Oct 2019 16:28

Tgt Ion: 43 Resp: 5734

Ion Ratio Lower Upper

43 100

58 29.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

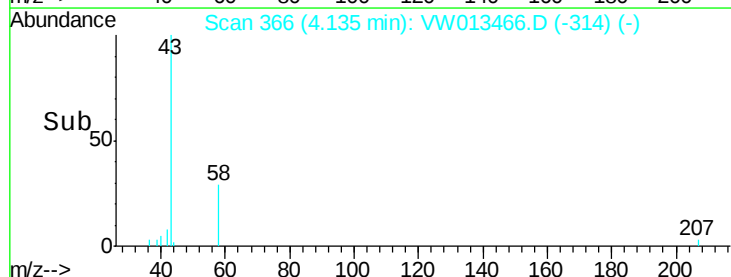
1500

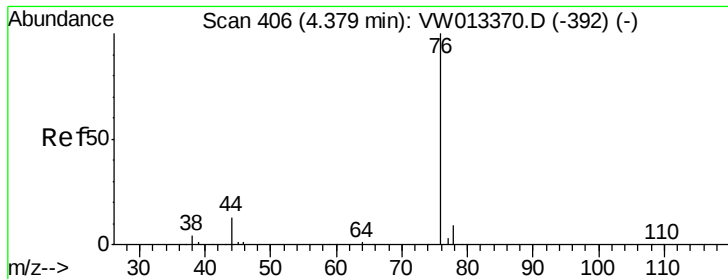
1000

500

0

Time--> 4.10 4.20





#17

Carbon Disulfide

Concen: 1.870 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013466.D

Acq: 07 Oct 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

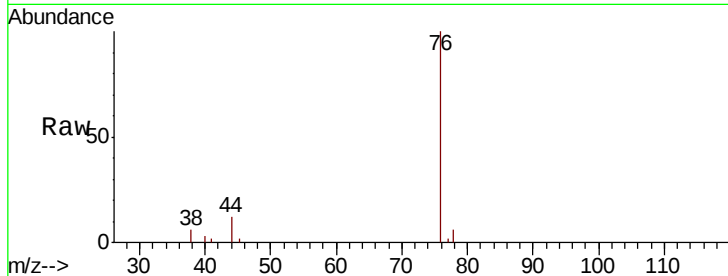
20190766-SS-COMPOSITE-6

Tot Ion: 76 Resp: 15362

Ion Ratio Lower Upper

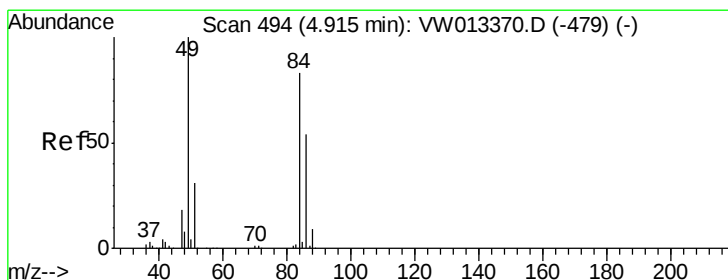
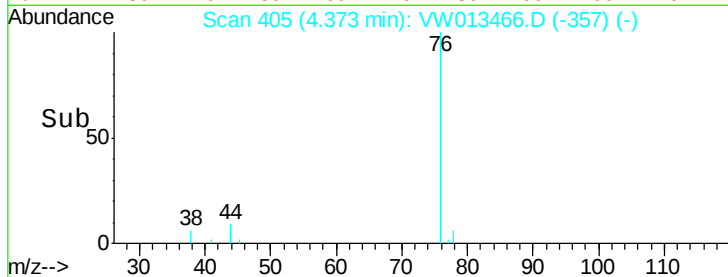
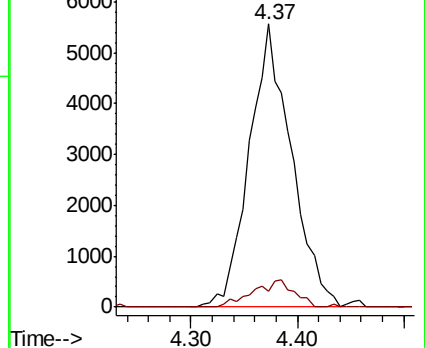
76 100

78 5.7 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: 1.976 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013466.D

Acq: 07 Oct 2019 16:28

Tgt Ion: 84 Resp: 11294

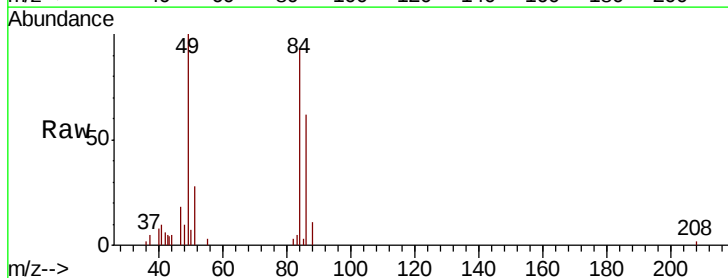
Ion Ratio Lower Upper

84 100

49 107.8 97.6 146.4

51 30.4 30.2 45.2

86 66.9 50.6 76.0

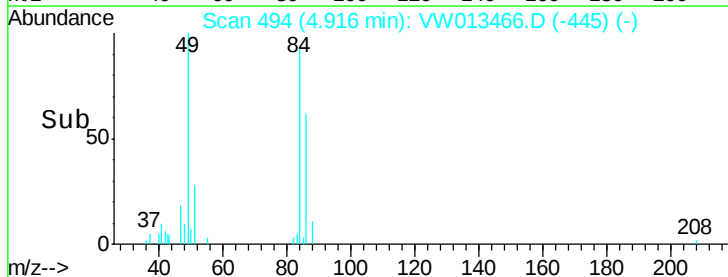
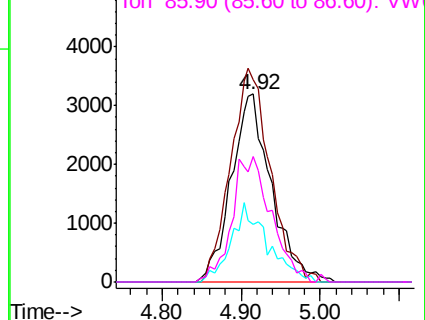


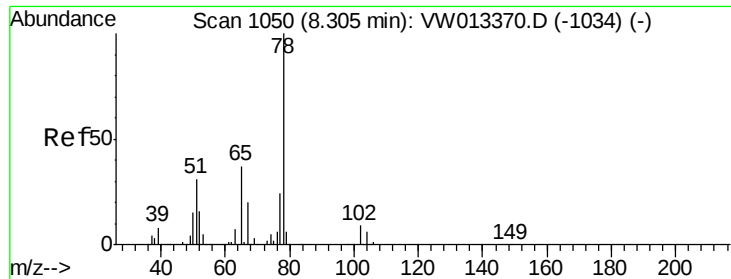
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 53.627 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013466.D

Acq: 07 Oct 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

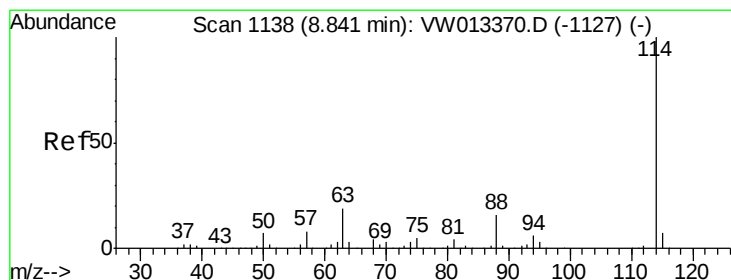
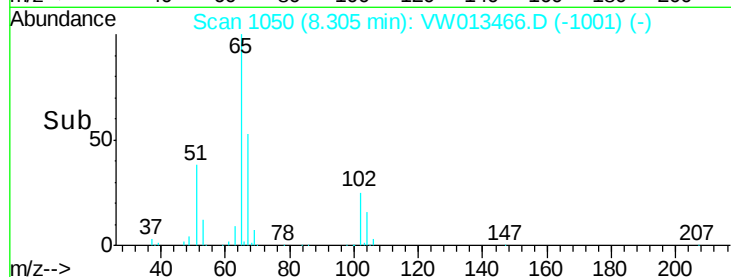
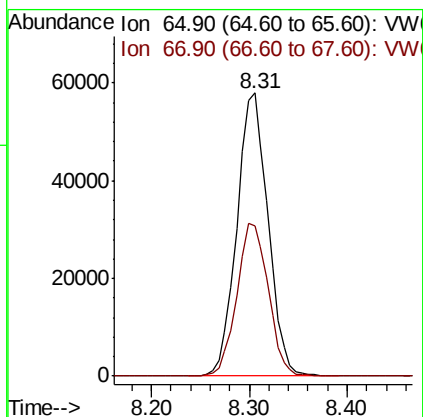
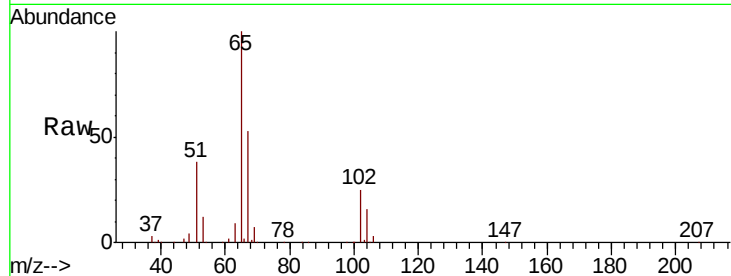
20190766-SS-COMPOSITE-6

Tot Ion: 65 Resp: 128084

Ion Ratio Lower Upper

65 100

67 54.6 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: VW013466.D

Acq: 07 Oct 2019 16:28

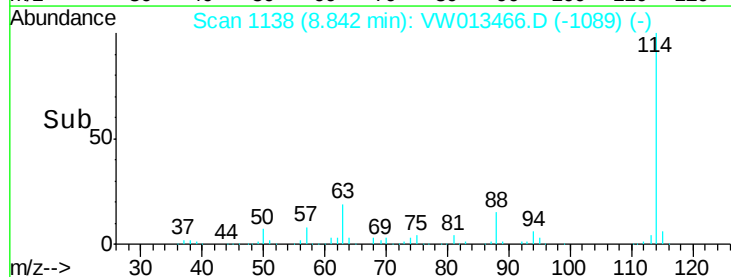
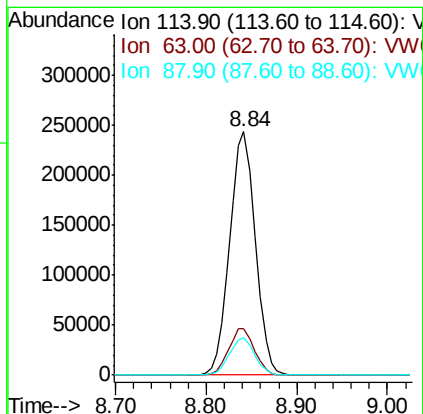
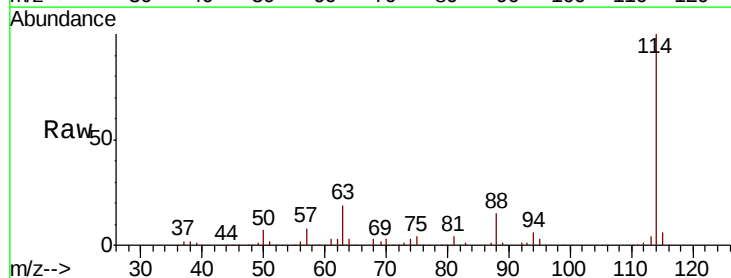
Tgt Ion: 114 Resp: 478279

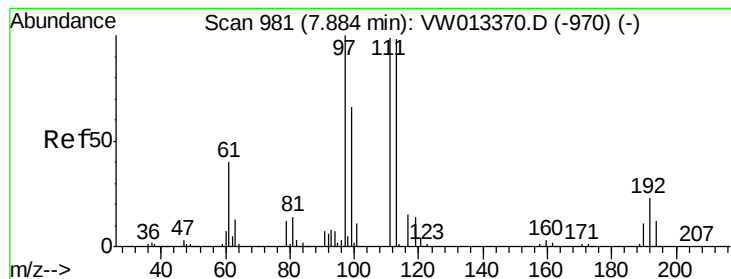
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

88 15.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.946 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013466.D

Acq: 07 Oct 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

20190766-SS-COMPOSITE-6

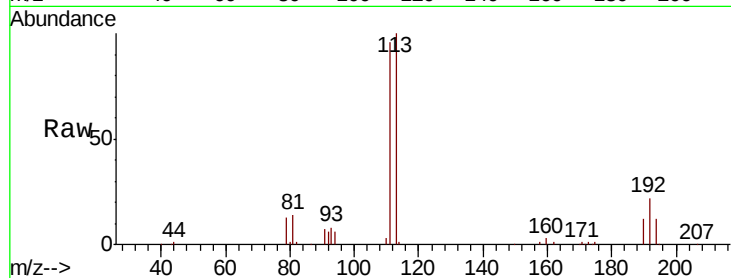
Tot Ion:113 Resp: 132875

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

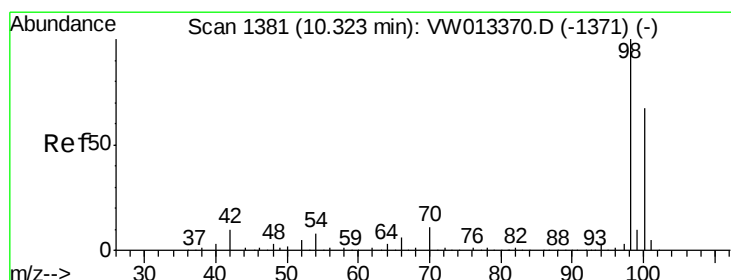
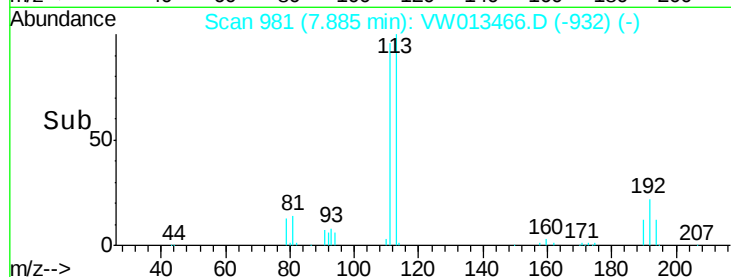
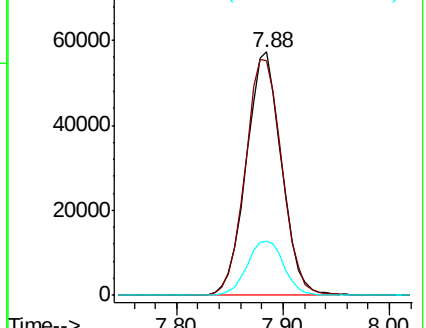
192 23.4 19.1 28.7



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: 52.644 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013466.D

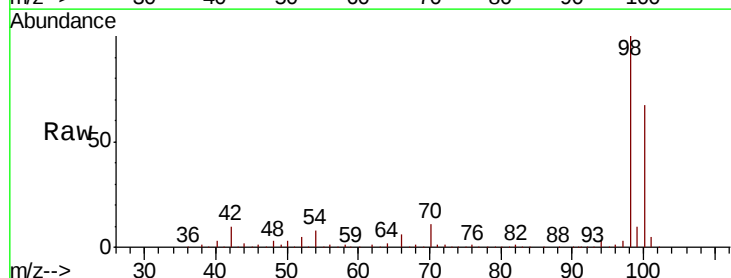
Acq: 07 Oct 2019 16:28

Tgt Ion: 98 Resp: 548262

Ion Ratio Lower Upper

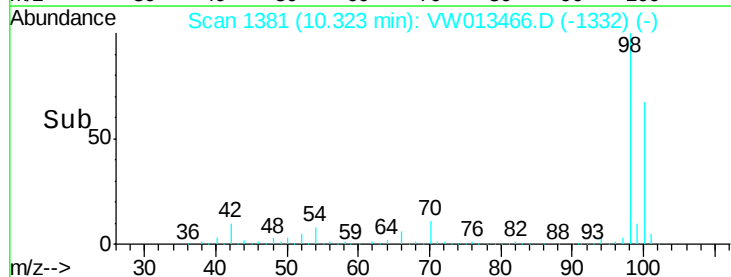
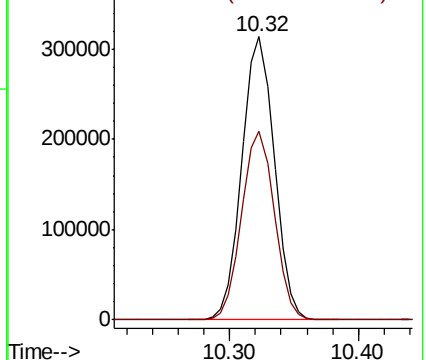
98 100

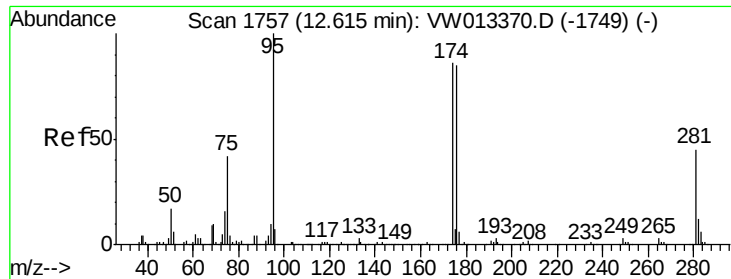
100 67.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

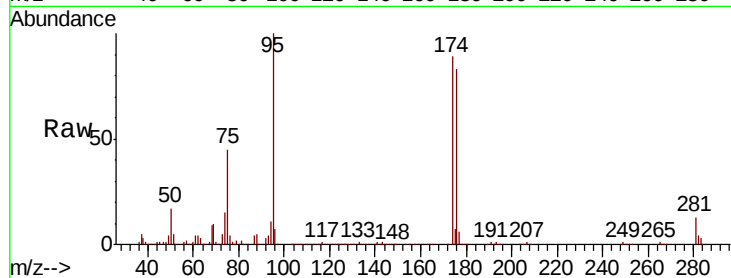




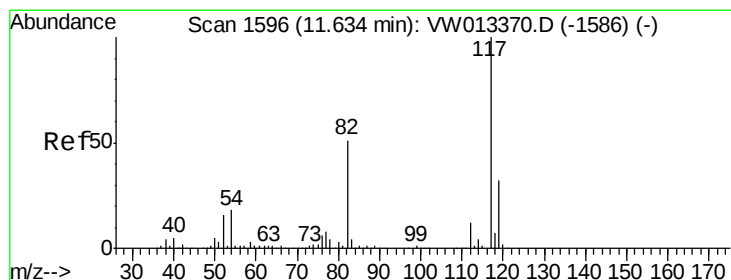
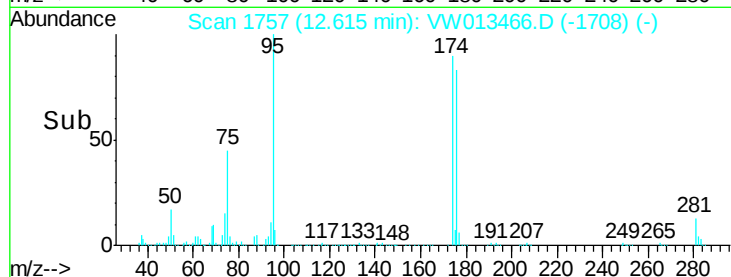
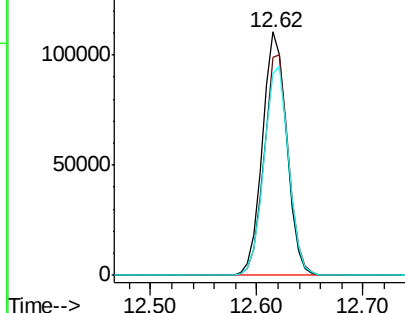
#62
4-Bromofluorobenzene
Concen: 50.807 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013466.D
Acq: 07 Oct 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
20190766-SS-COMPOSITE-6

Tot Ion: 95 Resp: 176698
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.4
176 87.5 0.0 172.2

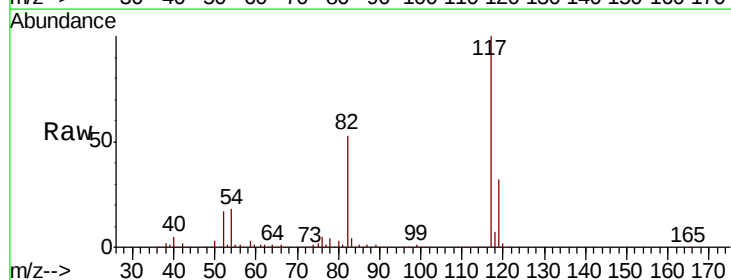


Abundance Ion 94.90 (94.60 to 95.60): VW
150000 Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

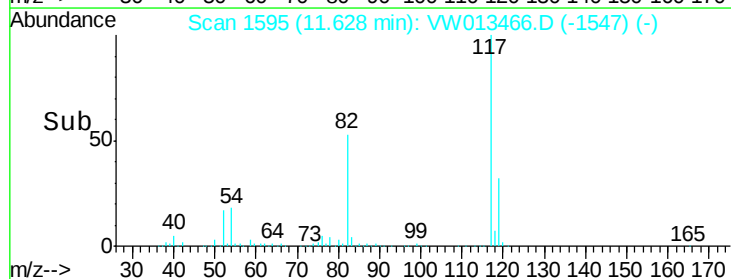
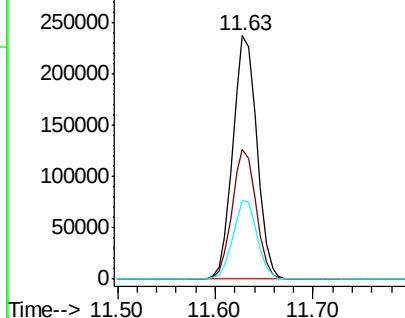


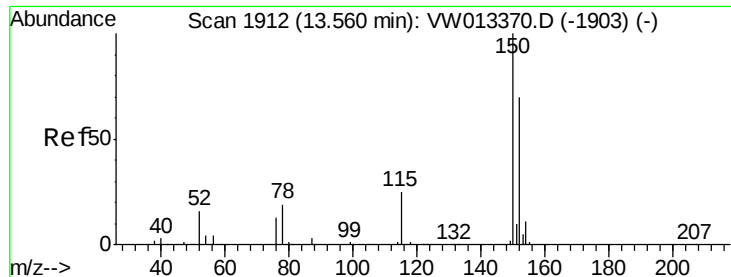
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013466.D
Acq: 07 Oct 2019 16:28

Tgt Ion: 117 Resp: 404235
Ion Ratio Lower Upper
117 100
82 53.1 45.9 68.9
119 32.1 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VW
300000 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: VW013466.D

Acq: 07 Oct 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

20190766-SS-COMPOSITE-6

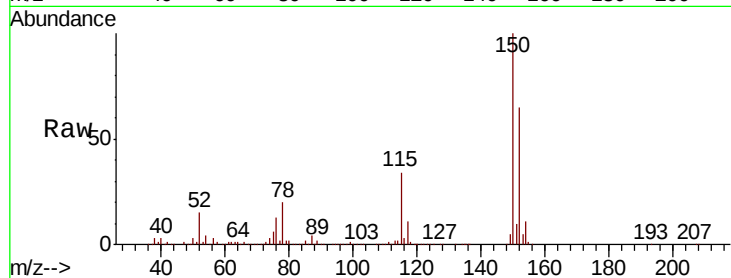
Tot Ion:152 Resp: 183131

Ion Ratio Lower Upper

152 100

115 54.5 27.3 81.9

150 156.0 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

