

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013463.D
 Acq On : 07 Oct 2019 15:10
 Operator : SY/VA
 Sample : K5231-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190765-SS-COMPOSITE-5

Quant Time: Oct 07 18:05:19 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

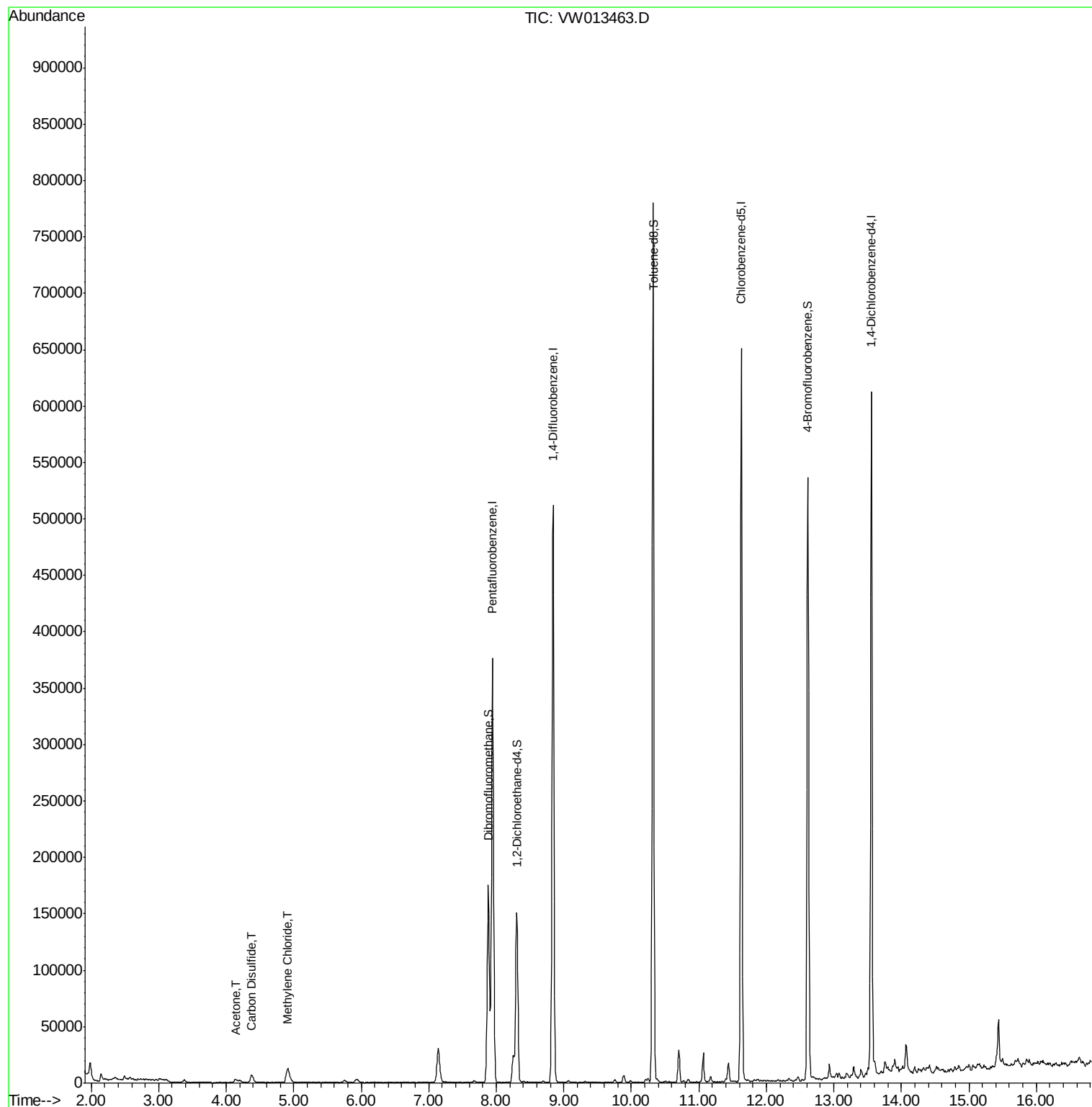
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	315544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	465218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	120325	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
35) Dibromofluoromethane	7.88	113	128157	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
50) Toluene-d8	10.32	98	532786	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.62	95	169795	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
Target Compounds						
16) Acetone	4.14	43	6545	9.063	ug/l	99
17) Carbon Disulfide	4.37	76	15752	1.944	ug/l	97
20) Methylene Chloride	4.91	84	10783	1.853	ug/l #	81

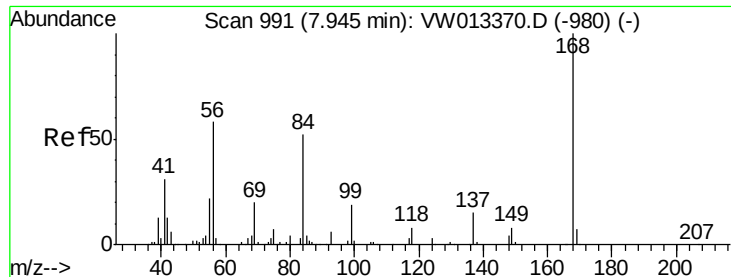
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013463.D

Acq: 07 Oct 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

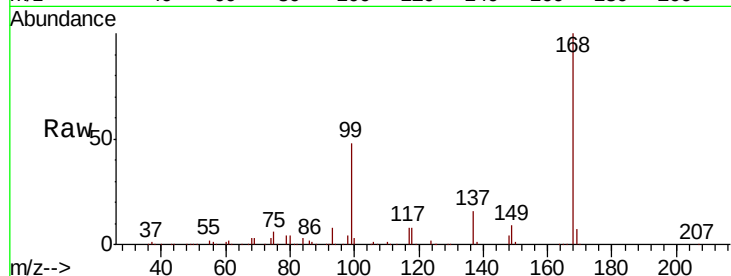
20190765-SS-COMPOSITE-5

Tot Ion:168 Resp: 315544

Ion Ratio Lower Upper

168 100

99 48.1 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

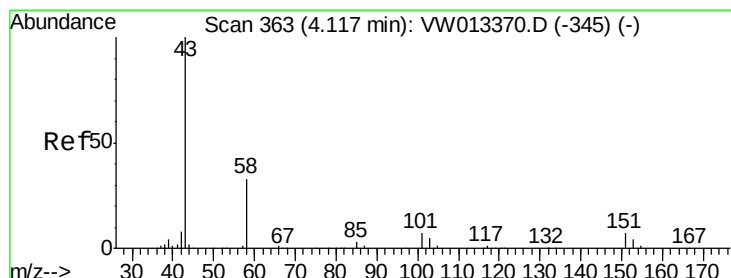
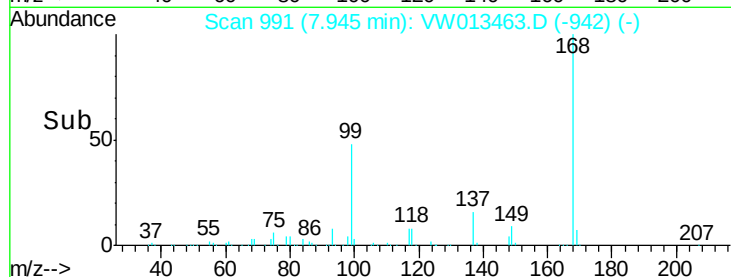
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.063 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW013463.D

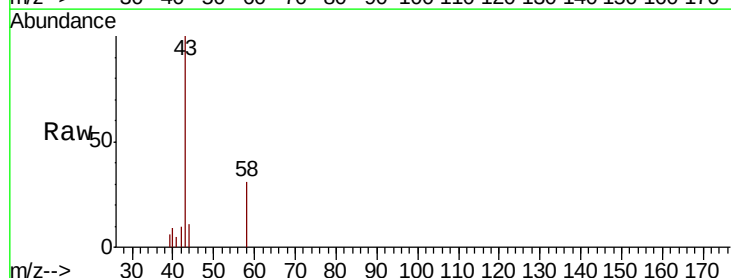
Acq: 07 Oct 2019 15:10

Tgt Ion: 43 Resp: 6545

Ion Ratio Lower Upper

43 100

58 30.8 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

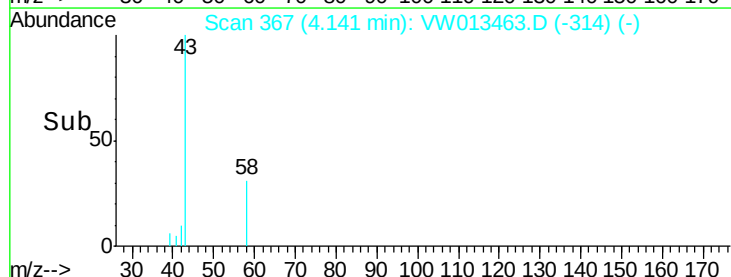
1500

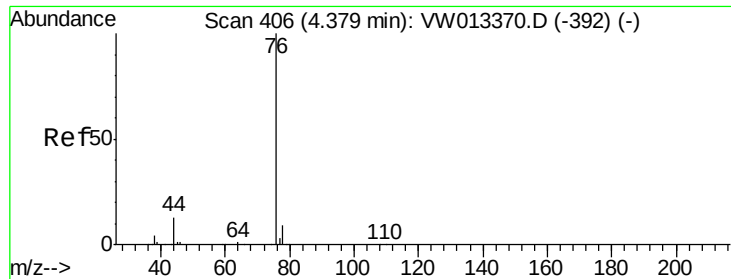
1000

500

0

Time-->

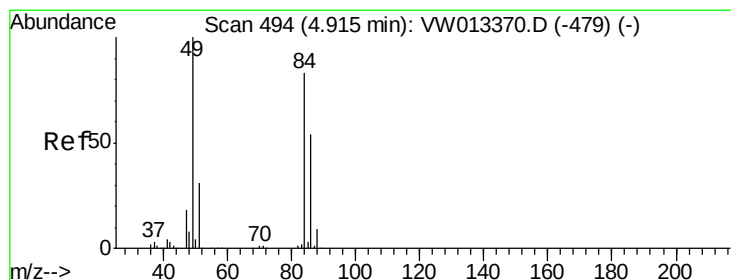
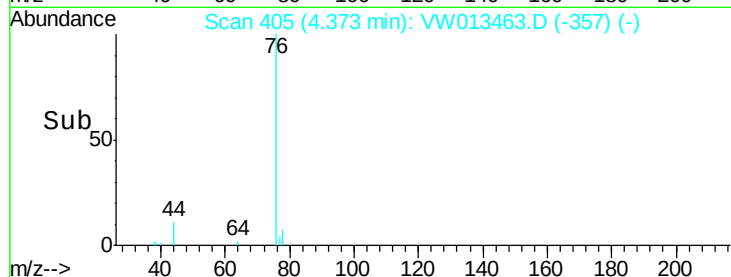
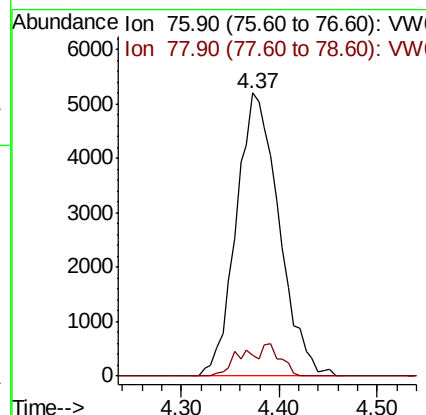
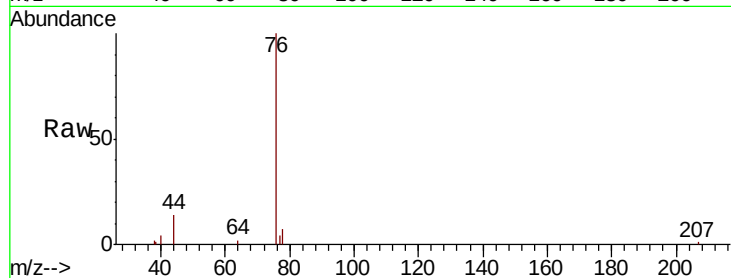




#17
Carbon Disulfide
Concen: 1.944 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW013463.D
Acq: 07 Oct 2019 15:10

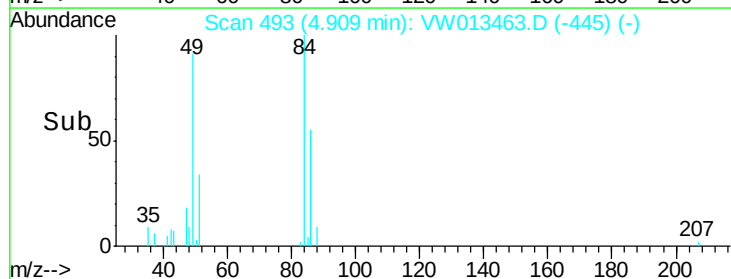
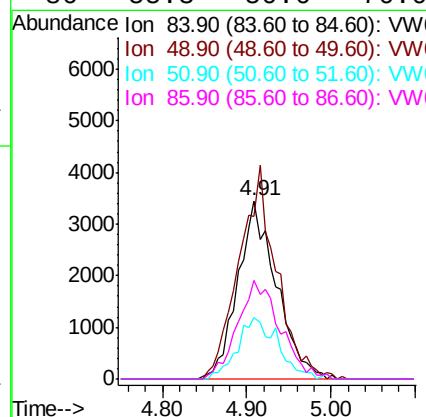
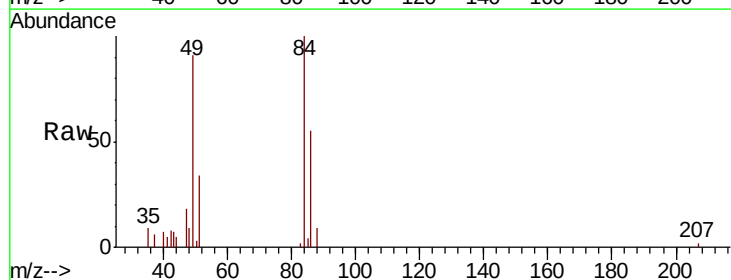
Instrument :
MSVOA_W
ClientSampleId :
20190765-SS-COMPOSITE-5

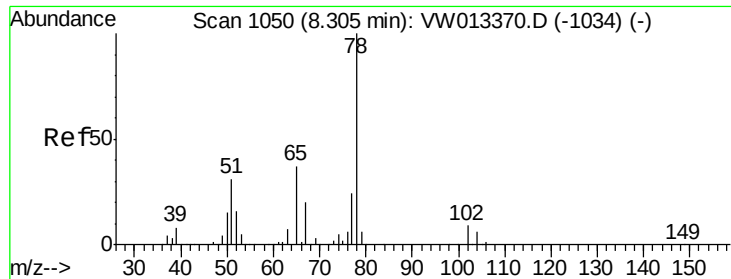
Tot Ion: 76 Resp: 15752
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.4



#20
Methylene Chloride
Concen: 1.853 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013463.D
Acq: 07 Oct 2019 15:10

Tgt Ion: 84 Resp: 10783
Ion Ratio Lower Upper
84 100
49 91.3 97.6 146.4#
51 34.5 30.2 45.2
86 55.3 50.6 76.0

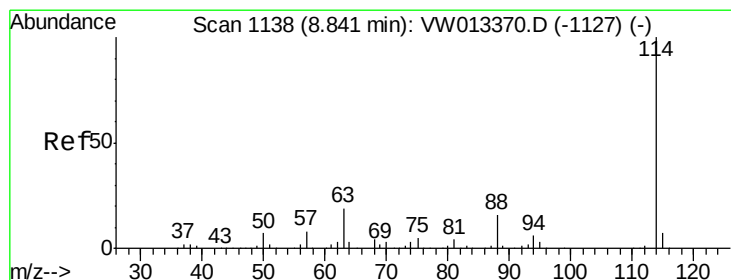
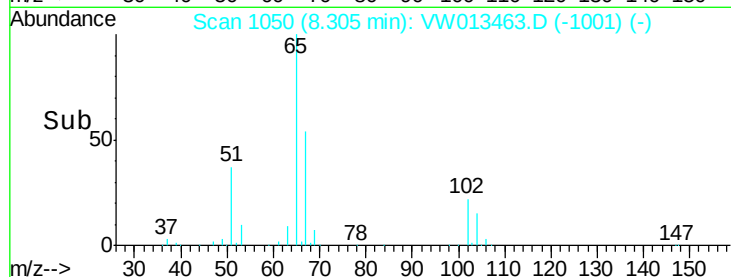
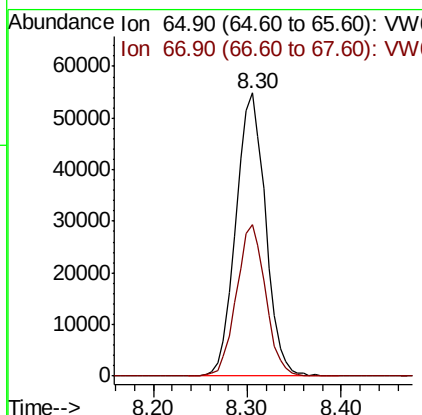
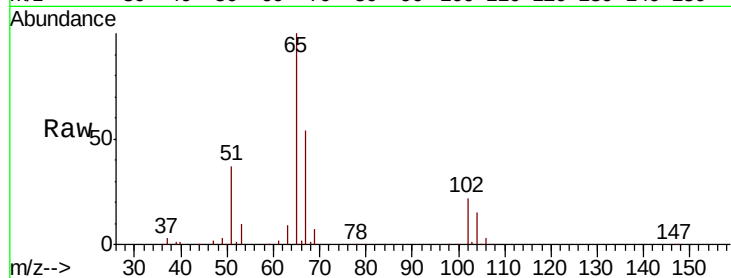




#33
 1,2-Dichloroethane-d4
 Concen: 51.070 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013463.D
 Acq: 07 Oct 2019 15:10

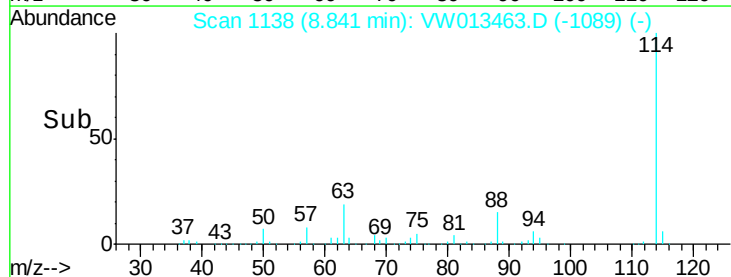
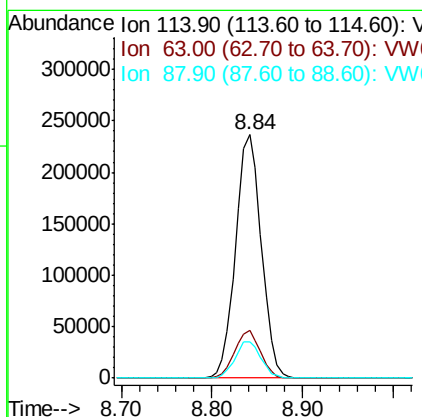
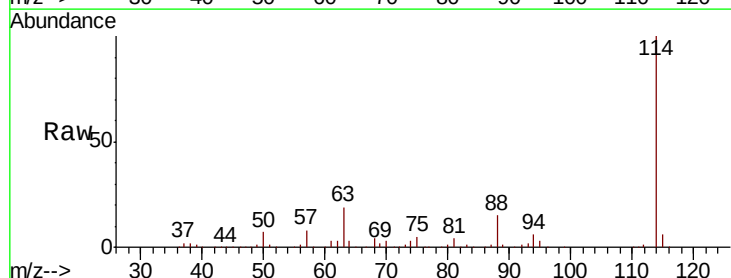
Instrument :
 MSVOA_W
 ClientSampleId :
 20190765-SS-COMPOSITE-5

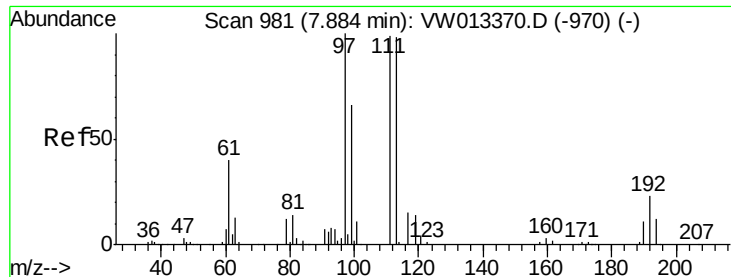
Tot Ion: 65 Resp: 120325
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013463.D
 Acq: 07 Oct 2019 15:10

Tgt Ion: 114 Resp: 465218
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.500 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013463.D

Acq: 07 Oct 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

20190765-SS-COMPOSITE-5

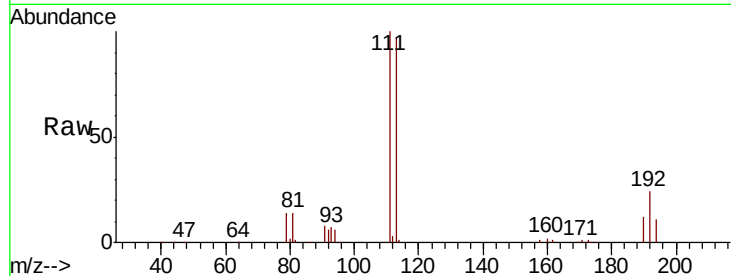
Tot Ion:113 Resp: 128157

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

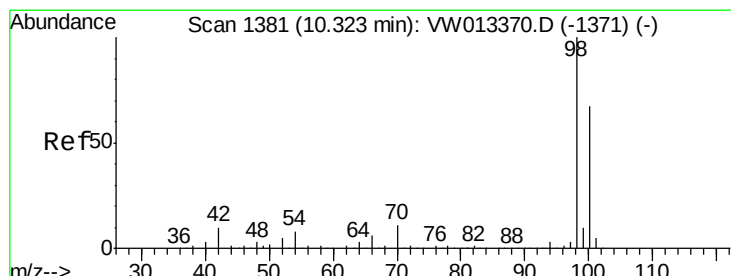
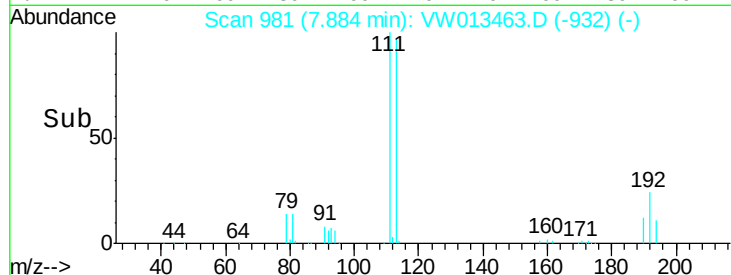
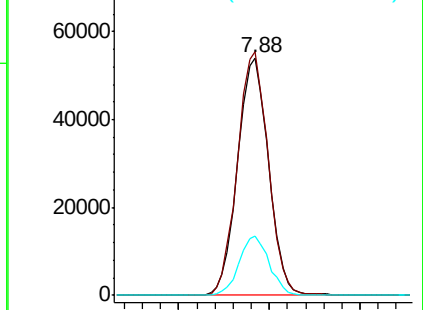
192 24.1 19.1 28.7



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: 52.594 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013463.D

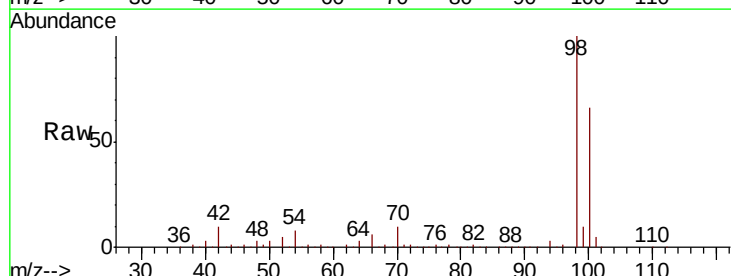
Acq: 07 Oct 2019 15:10

Tgt Ion: 98 Resp: 532786

Ion Ratio Lower Upper

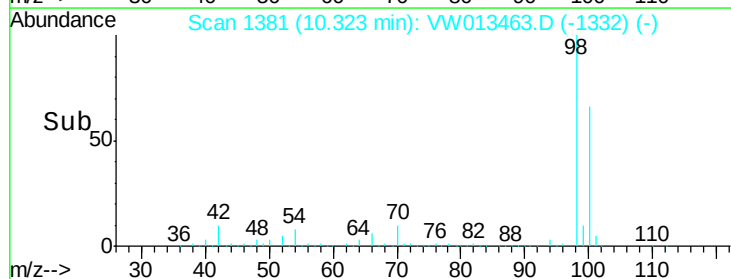
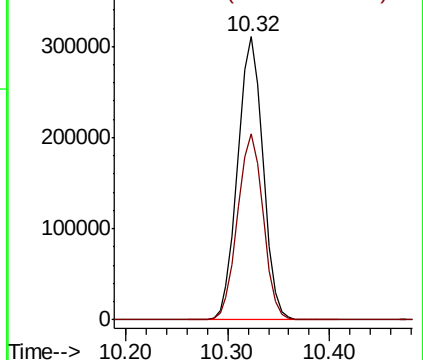
98 100

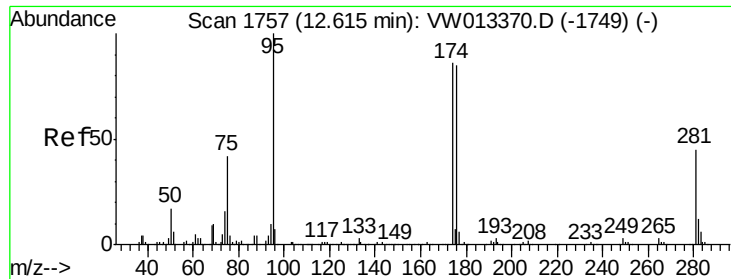
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

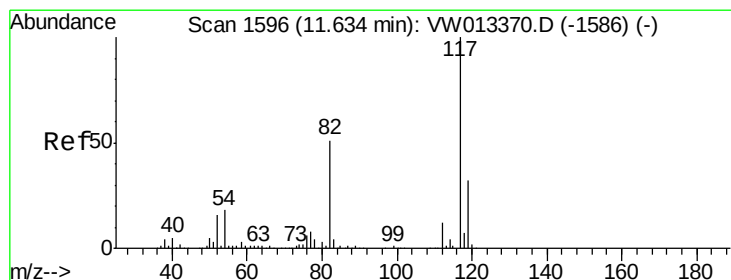
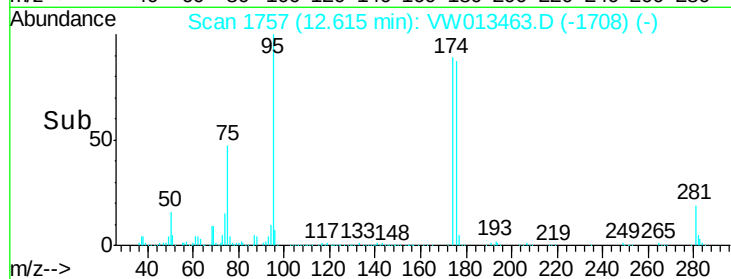
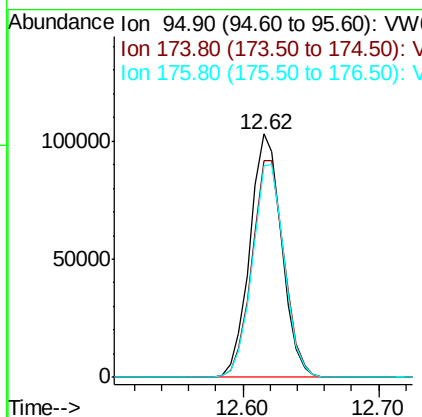
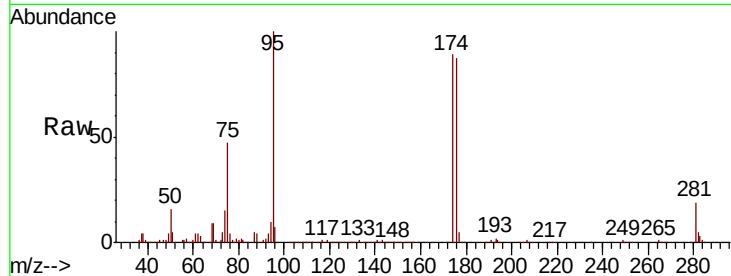




#62
4-Bromofluorobenzene
Concen: 50.193 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013463.D
Acq: 07 Oct 2019 15:10

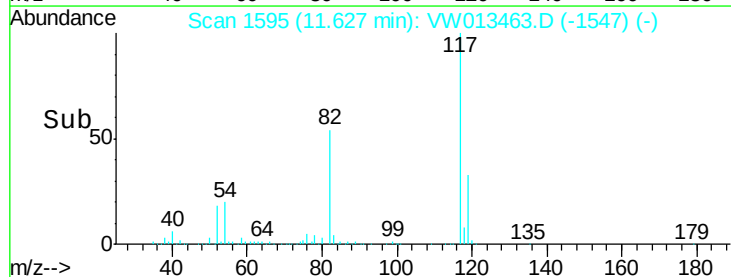
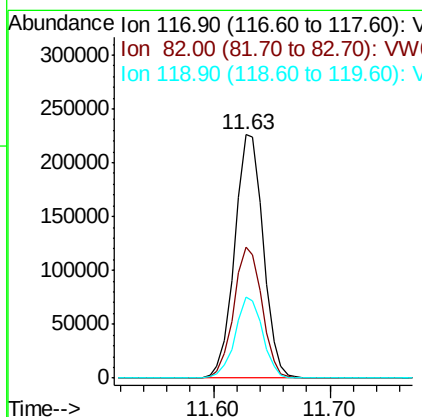
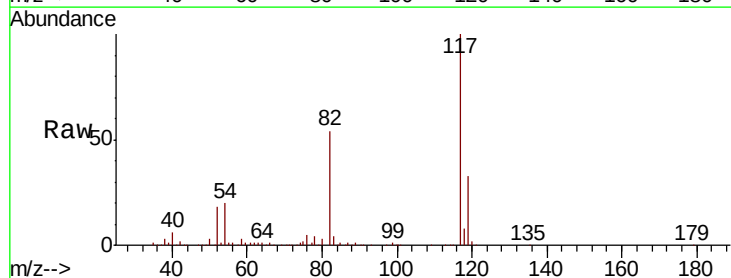
Instrument :
MSVOA_W
ClientSampleId :
20190765-SS-COMPOSITE-5

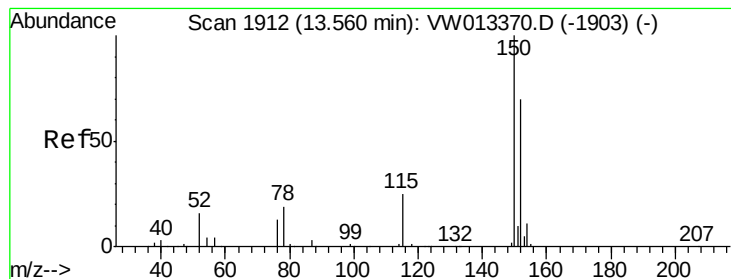
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	178.4
176	87.4	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013463.D
Acq: 07 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.9	68.9
119	33.4	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: VW013463.D

Acq: 07 Oct 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

20190765-SS-COMPOSITE-5

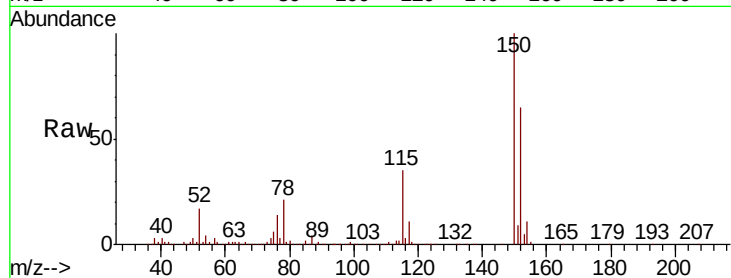
Tot Ion:152 Resp: 174565

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

150 156.7 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

