

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012360.D
 Acq On : 30 Aug 2019 19:35
 Operator : SY/VA
 Sample : K4493-21
 Misc : 4.04G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-G4-(0)

Quant Time: Aug 31 04:15:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

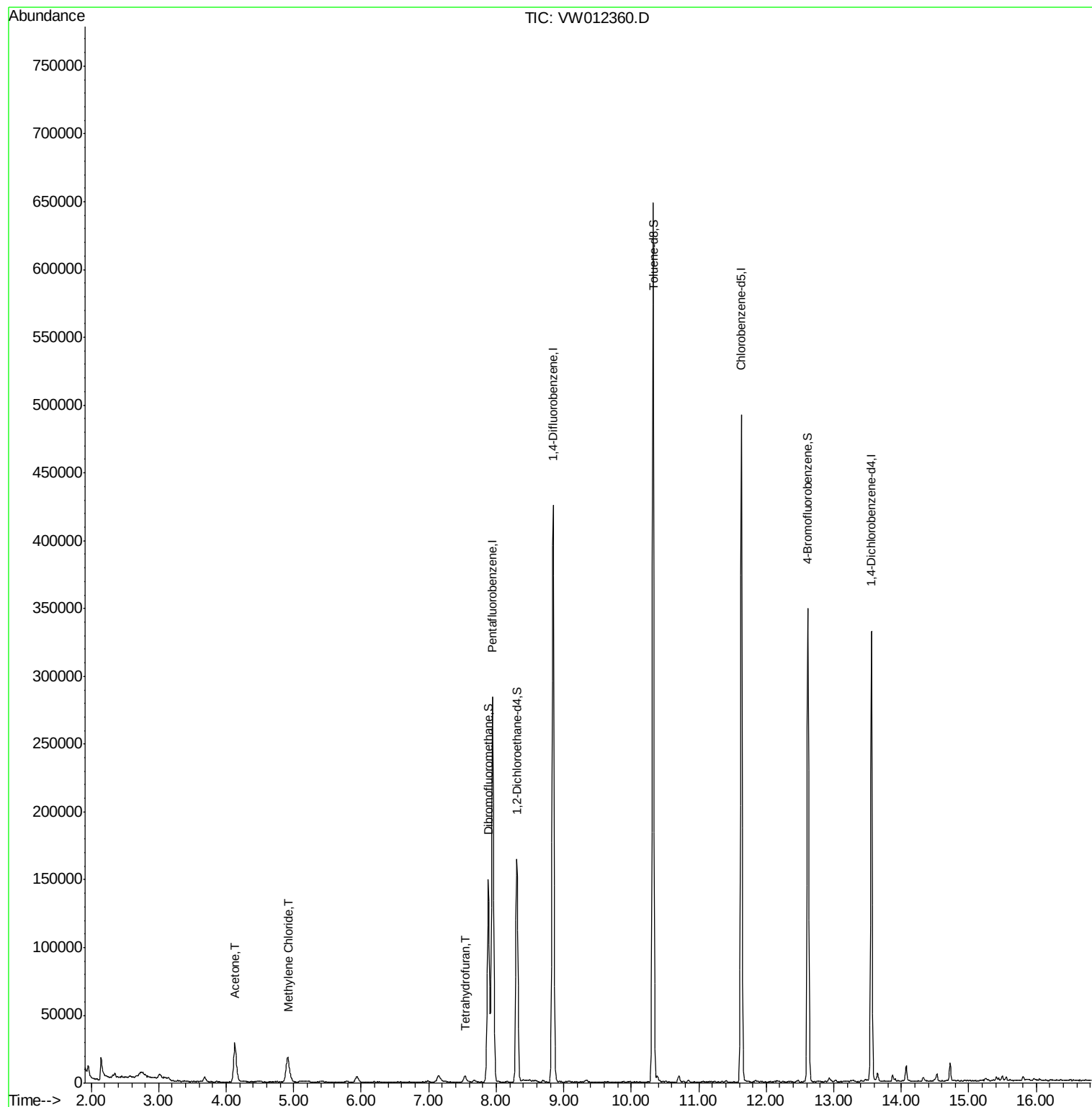
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130694	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	7.88	113	103999	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
50) Toluene-d8	10.32	98	400717	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	110829	38.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.92%	
Target Compounds						
16) Acetone	4.13	43	55119	89.782	ug/l	98
20) Methylene Chloride	4.91	84	13077	5.635	ug/l	98
29) Tetrahydrofuran	7.54	42	4221	8.433	ug/l	99

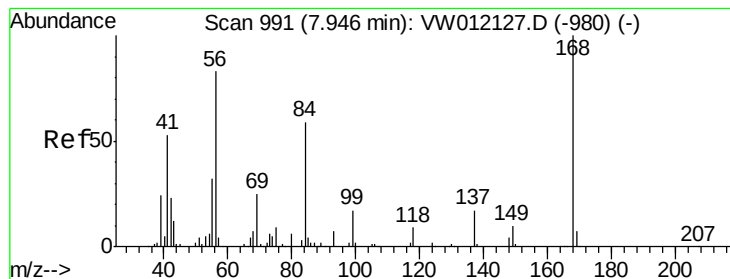
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012360.D

Acq: 30 Aug 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

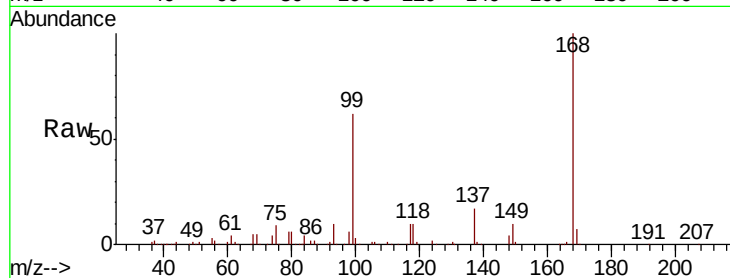
T9-12-13-G4-(0)

Tot Ion:168 Resp: 202033

Ion Ratio Lower Upper

168 100

99 61.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

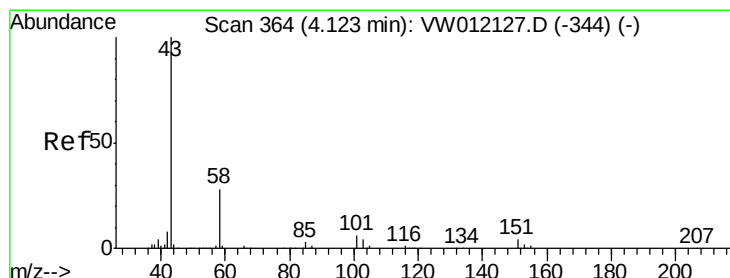
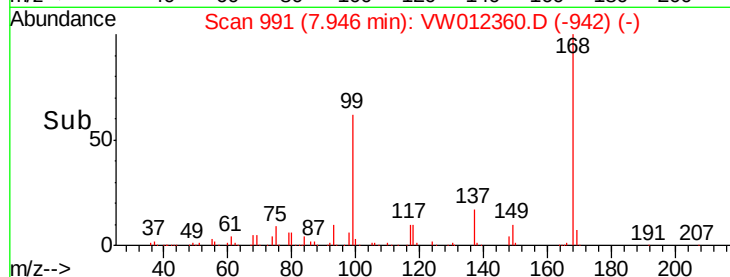
20000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 89.782 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012360.D

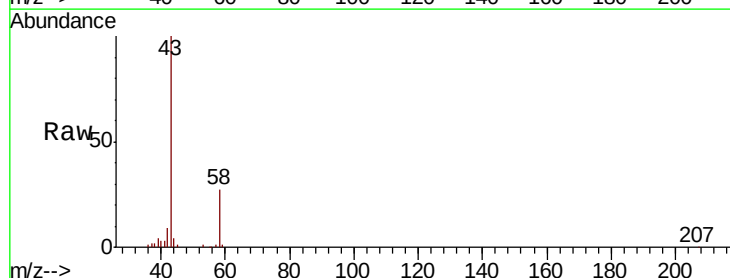
Acq: 30 Aug 2019 19:35

Tgt Ion: 43 Resp: 55119

Ion Ratio Lower Upper

43 100

58 26.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

15000

10000

5000

0

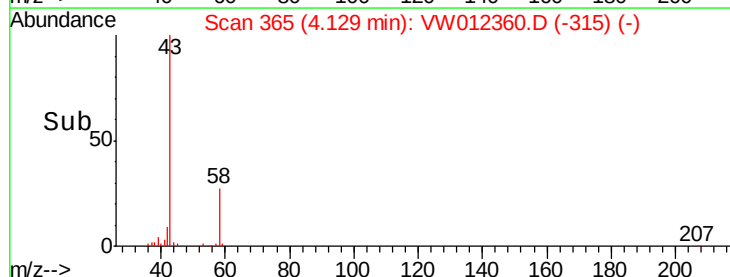
4.00

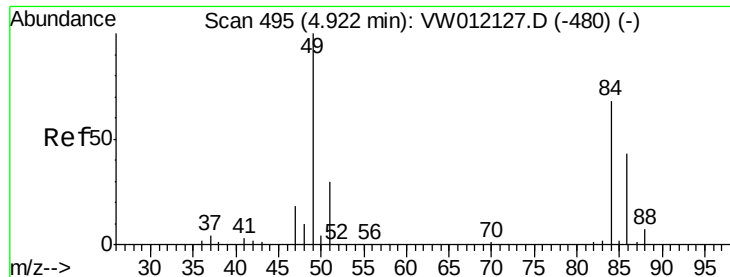
4.10

4.20

4.30

Time-->

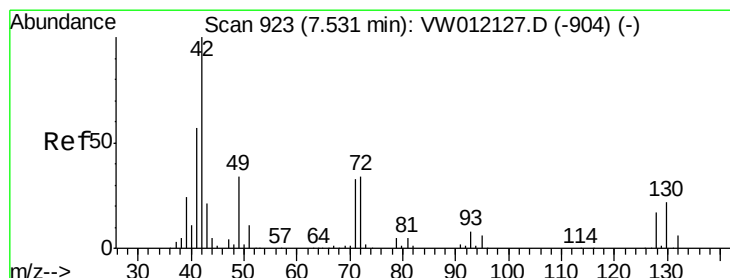
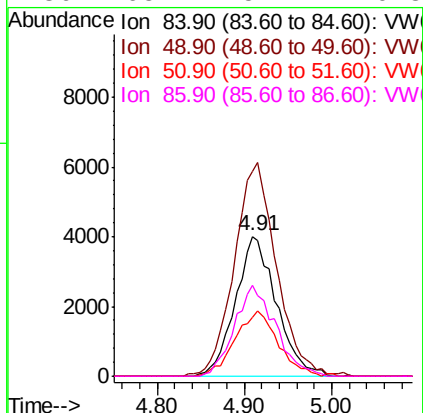
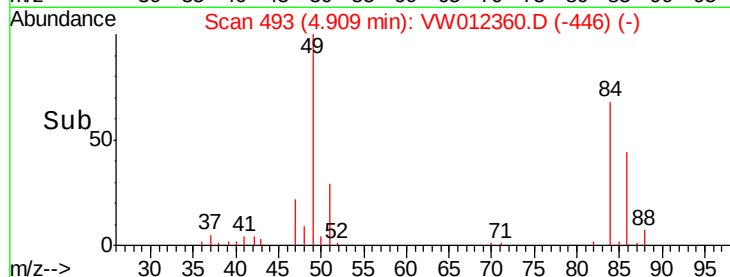
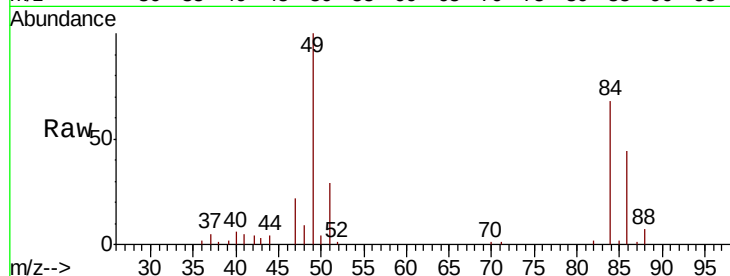




#20
Methvlene Chloride
Concen: 5.635 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012360.D
Acq: 30 Aug 2019 19:35

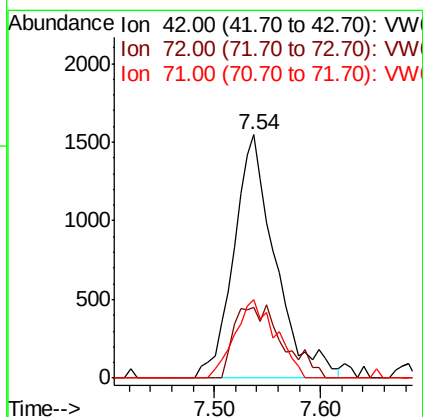
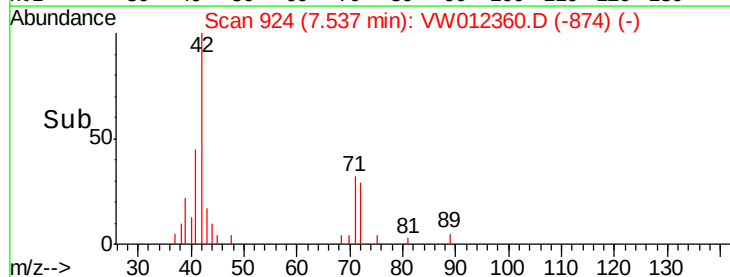
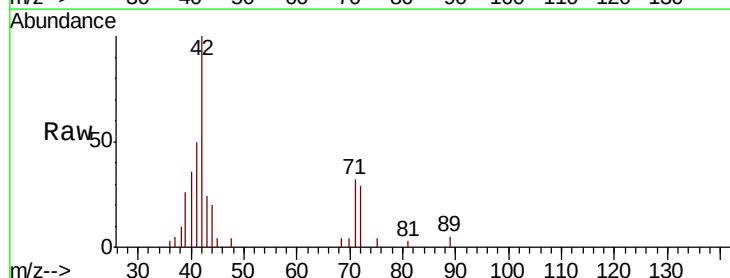
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-G4-(0)

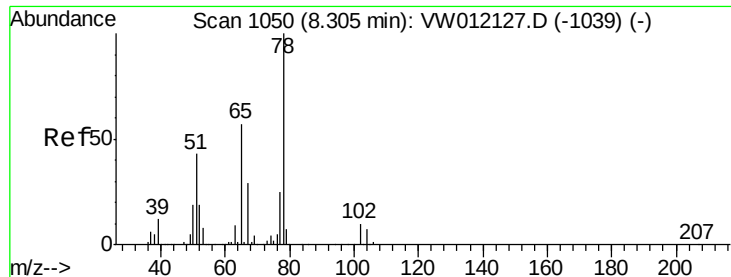
Tot Ion: 84 Resp: 13077
Ion Ratio Lower Upper
84 100
49 145.5 117.8 176.8
51 42.5 35.6 53.4
86 65.1 51.2 76.8



#29
Tetrahydrofuran
Concen: 8.433 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012360.D
Acq: 30 Aug 2019 19:35

Tgt Ion: 42 Resp: 4221
Ion Ratio Lower Upper
42 100
72 34.9 27.3 40.9
71 32.0 25.5 38.3

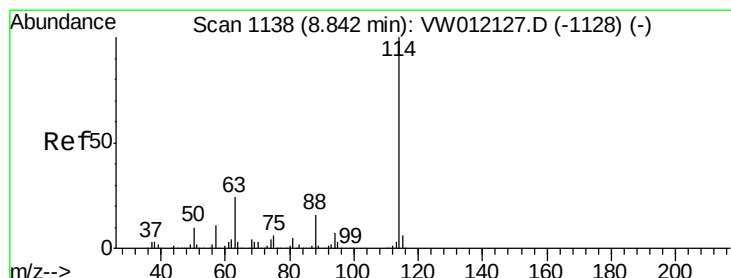
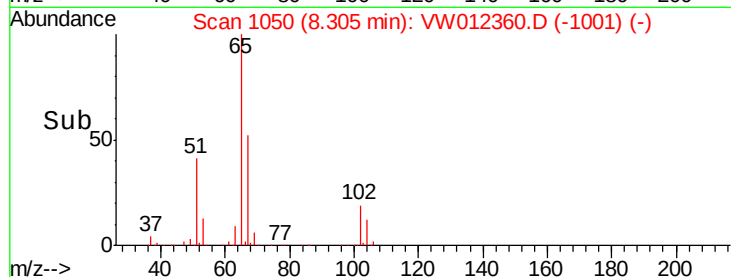
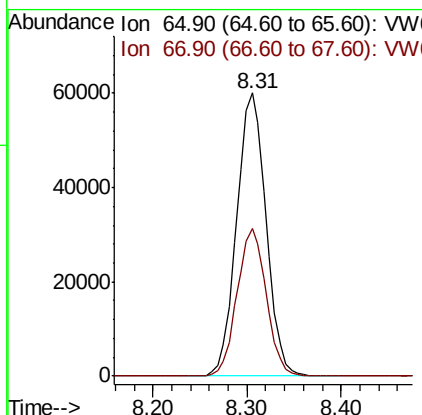
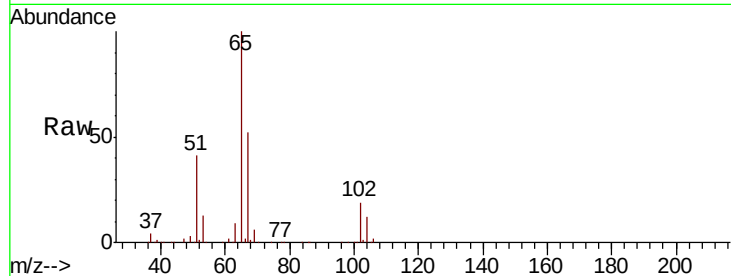




#33
 1,2-Dichloroethane-d4
 Concen: 54.418 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012360.D
 Acq: 30 Aug 2019 19:35

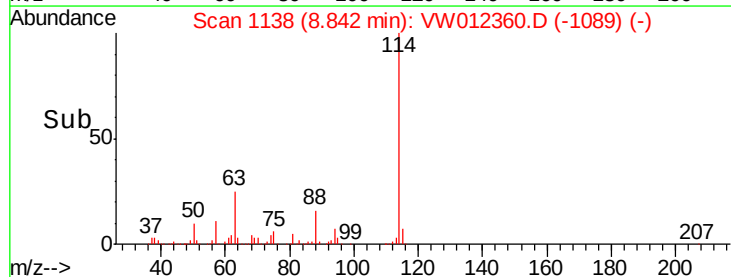
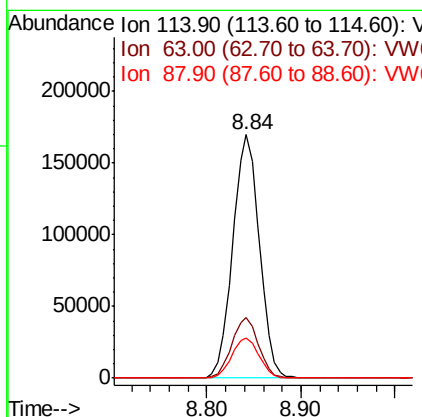
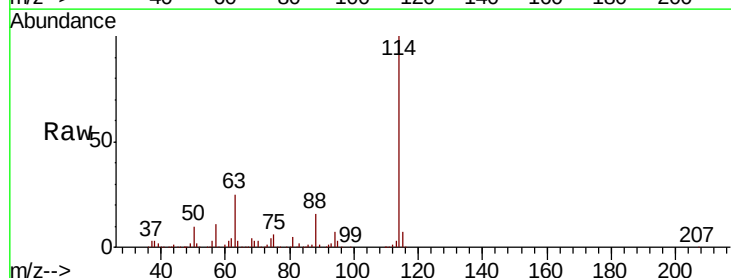
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-G4-(0)

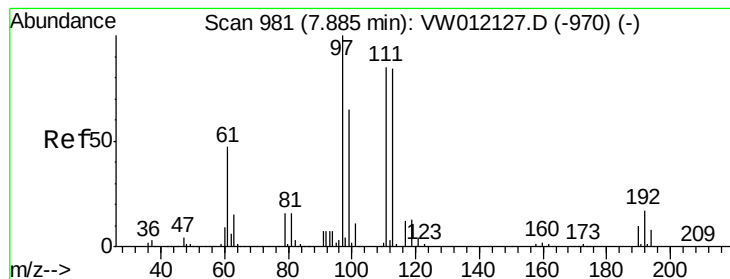
Tot Ion: 65 Resp: 130694
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012360.D
 Acq: 30 Aug 2019 19:35

Tgt Ion: 114 Resp: 333412
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.6
 88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.257 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012360.D

Acq: 30 Aug 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-G4-(0)

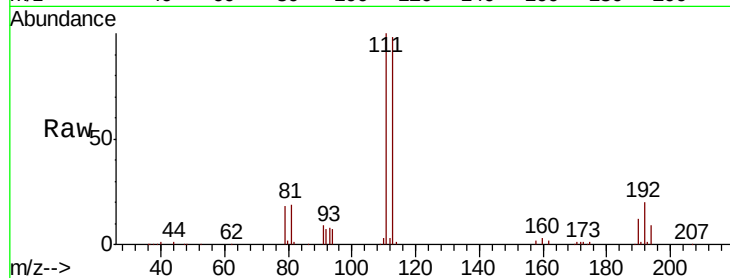
Tot Ion:113 Resp: 103999

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

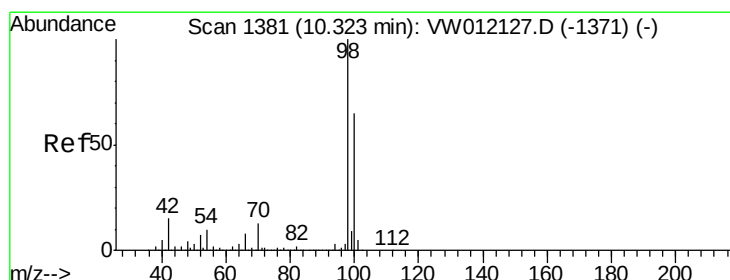
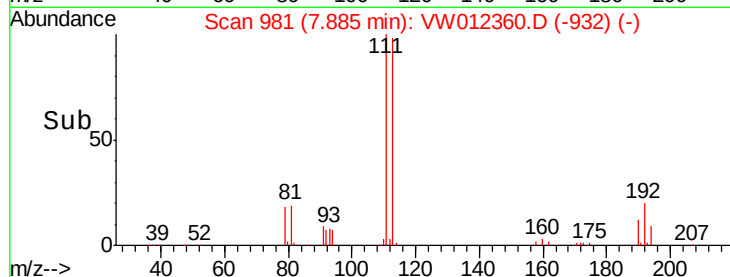
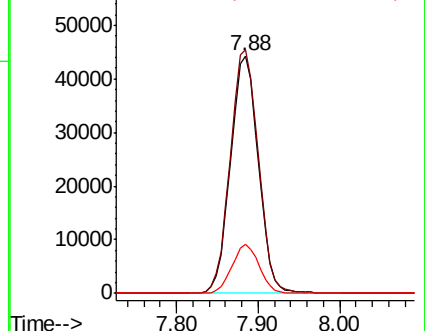
192 20.0 16.2 24.2



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: 49.658 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012360.D

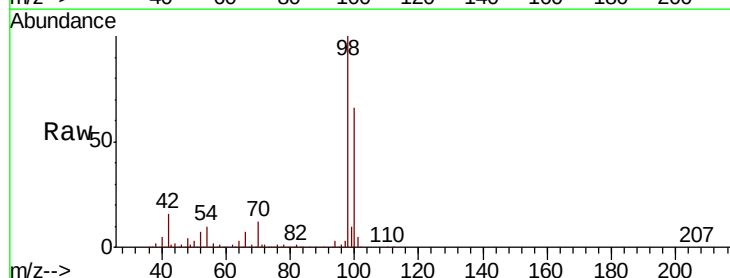
Acq: 30 Aug 2019 19:35

Tgt Ion: 98 Resp: 400717

Ion Ratio Lower Upper

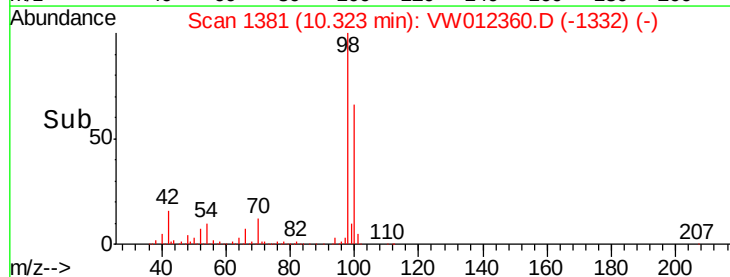
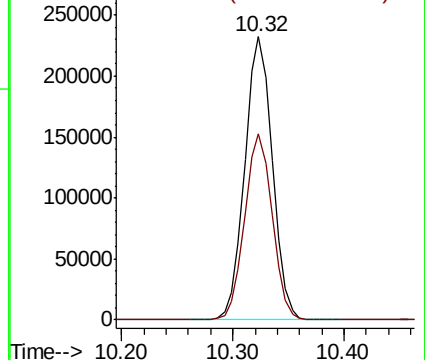
98 100

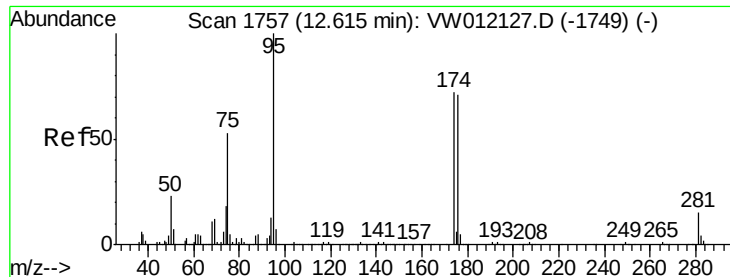
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

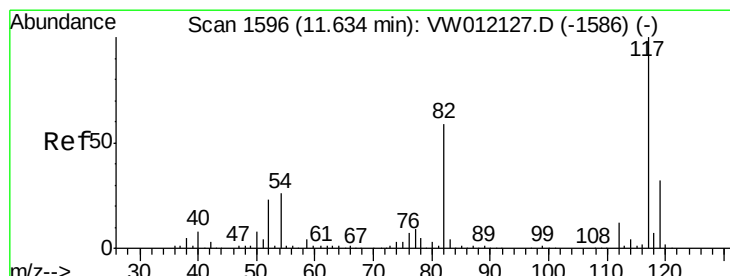
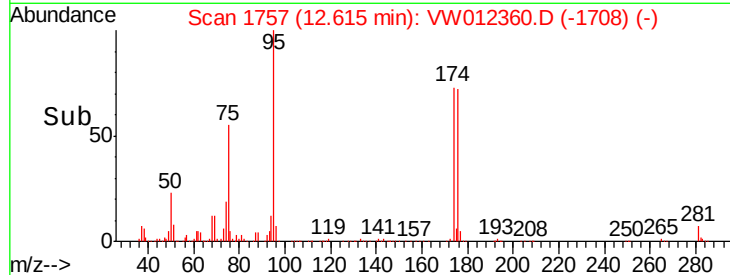
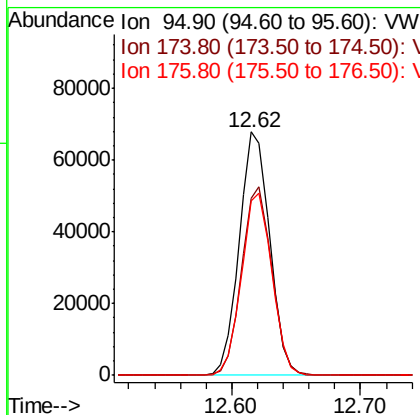
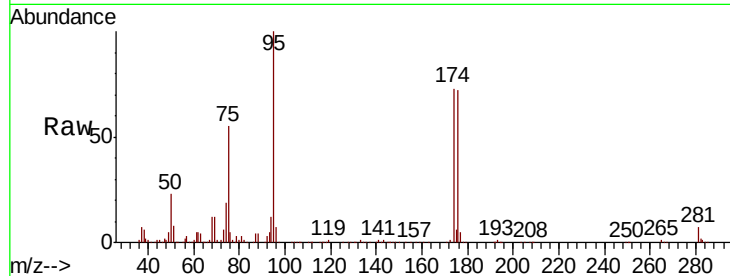




#62
4-Bromofluorobenzene
Concen: 38.963 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012360.D
Acq: 30 Aug 2019 19:35

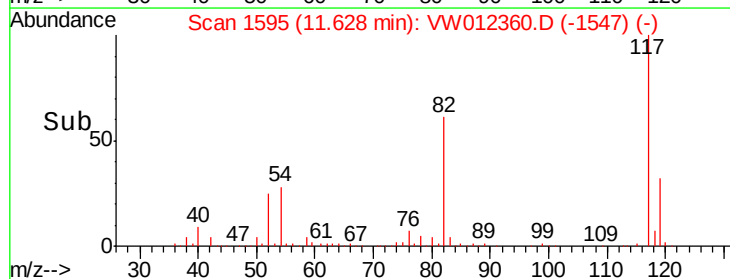
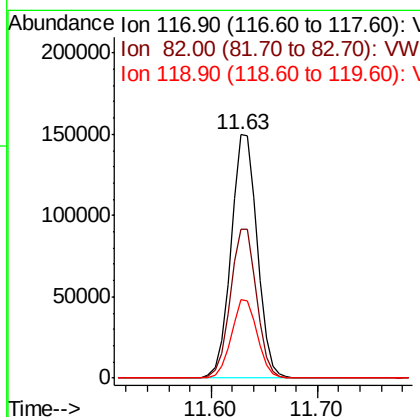
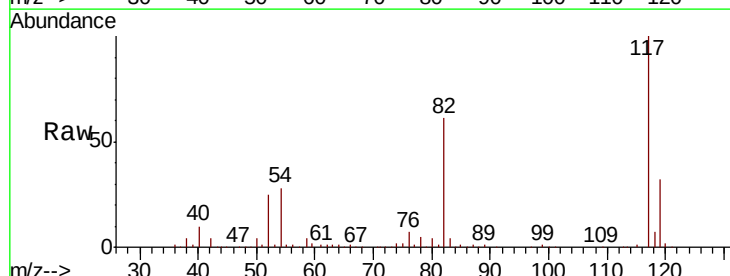
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-G4-(0)

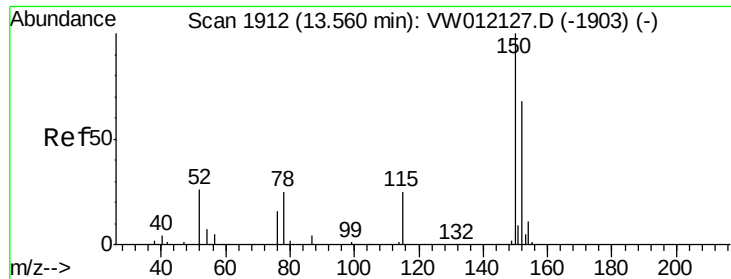
Tot Ion	95	Resp	110829
Ion Ratio	100		
Lower		0.0	
Upper		150.8	
174	76.8		
176	74.6		
Lower		0.0	
Upper		148.6	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012360.D
Acq: 30 Aug 2019 19:35

Tgt Ion	117	Resp	258284
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		47.4	
Upper		71.2	
82	60.9		
119	32.2		
Lower		25.4	
Upper		38.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012360.D

Acq: 30 Aug 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-G4-(0)

Tot Ion:152 Resp: 84044

Ion Ratio Lower Upper

152 100

115 59.3 30.1 90.3

150 153.2 0.0 345.8

