

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012250.D
 Acq On : 28 Aug 2019 13:32
 Operator : SY/VA
 Sample : K4560-10
 Misc : 6.64G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S401-K1-1.0-1.5-082619

Quant Time: Aug 28 17:51:36 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

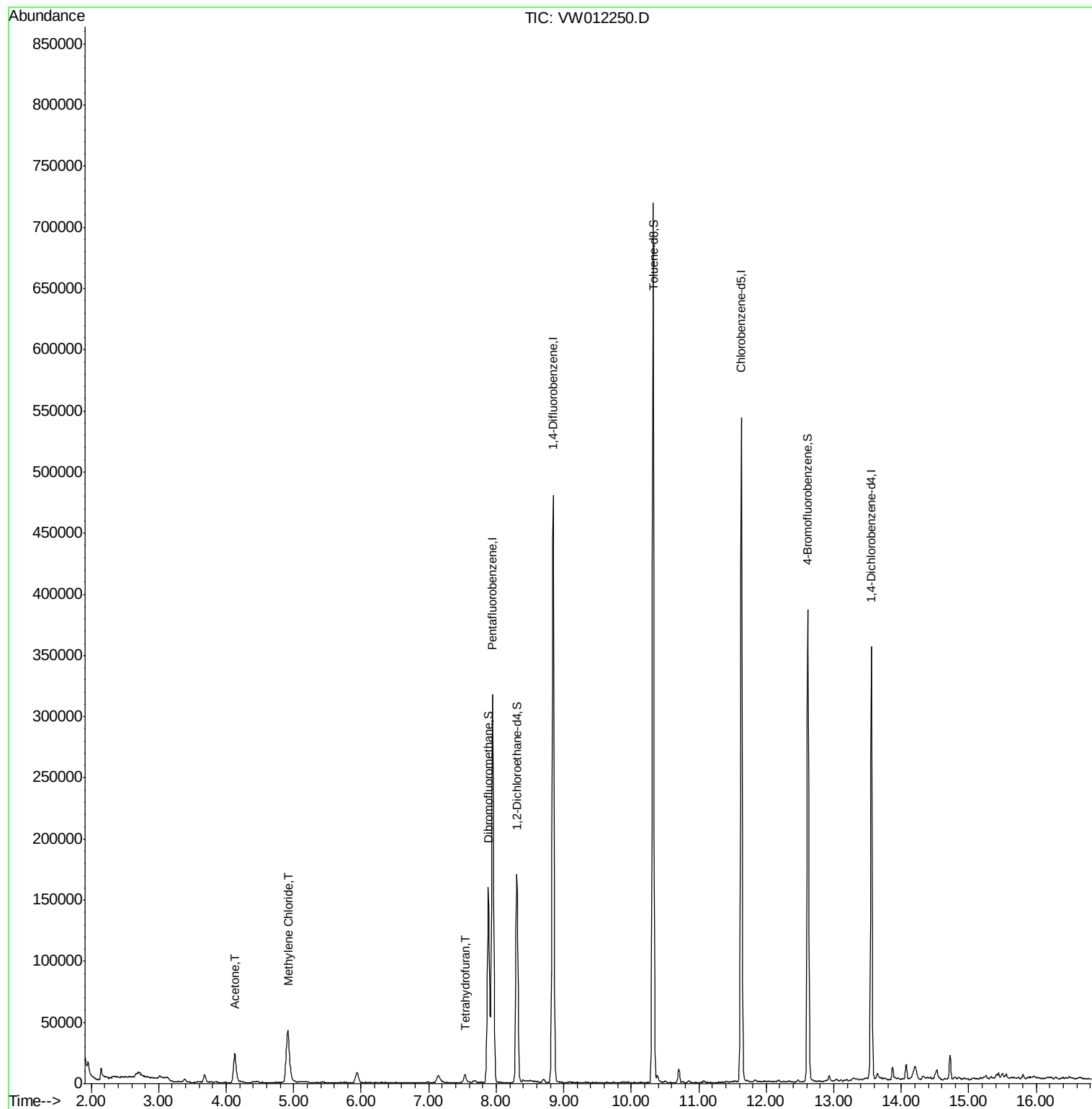
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	87853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135712	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
35) Dibromofluoromethane	7.88	113	111744	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	10.32	98	451047	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.62	95	121396	37.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.38%	
Target Compounds						
16) Acetone	4.13	43	44285	62.525	ug/l	100
20) Methylene Chloride	4.92	84	32032	11.963	ug/l	93
29) Tetrahydrofuran	7.53	42	5933	10.275	ug/l	97

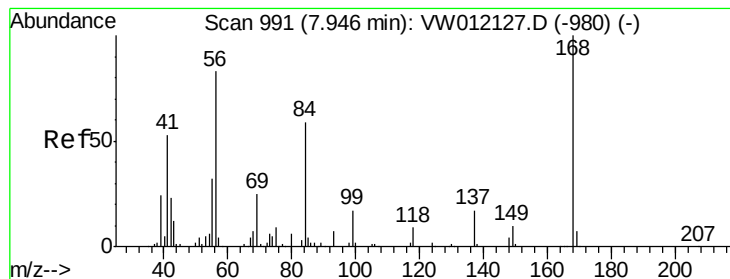
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082819\
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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: VW012250.D

Acq: 28 Aug 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

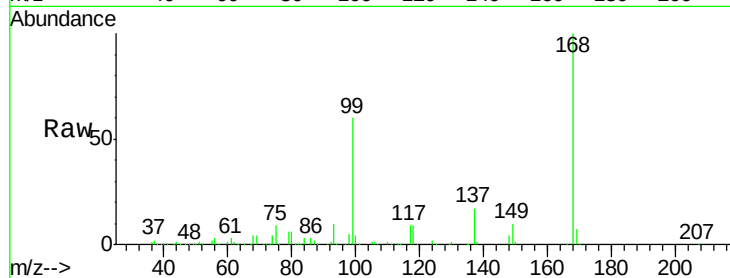
S401-K1-1.0-1.5-082619

Tot Ion:168 Resp: 233083

Ion Ratio Lower Upper

168 100

99 59.7 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

120000

100000

80000

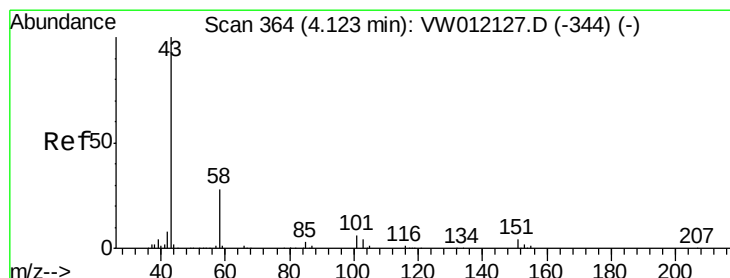
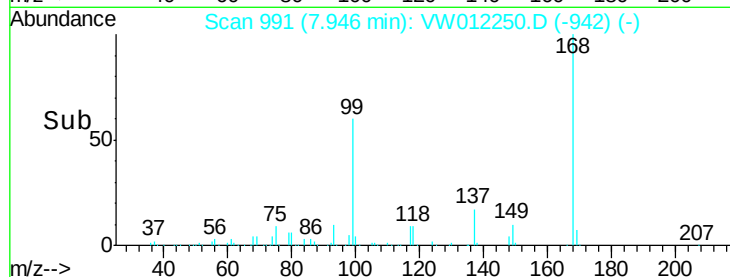
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 62.525 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012250.D

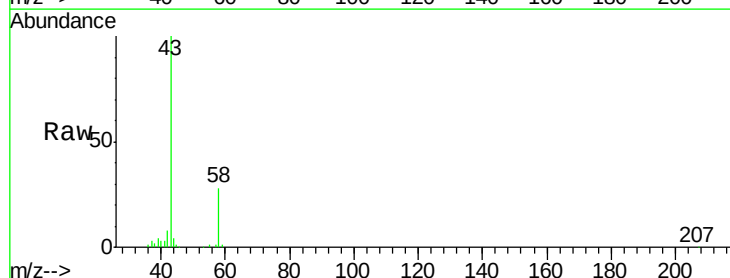
Acq: 28 Aug 2019 13:32

Tgt Ion: 43 Resp: 44285

Ion Ratio Lower Upper

43 100

58 28.3 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

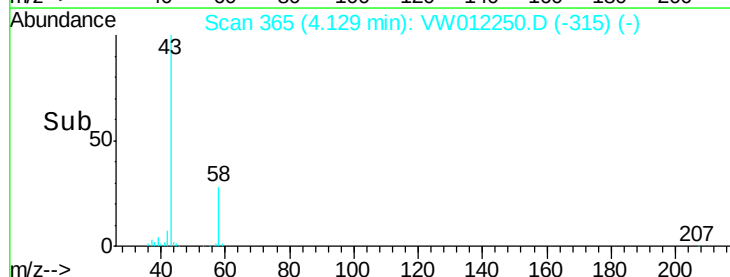
15000

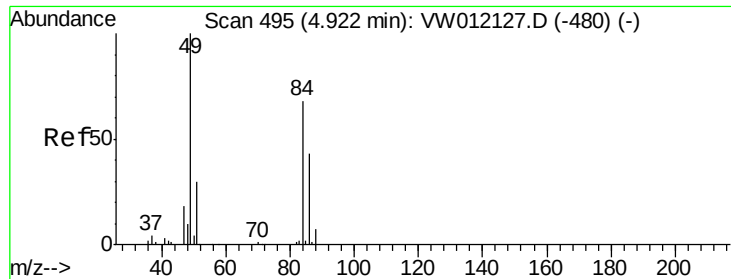
10000

5000

0

Time-->

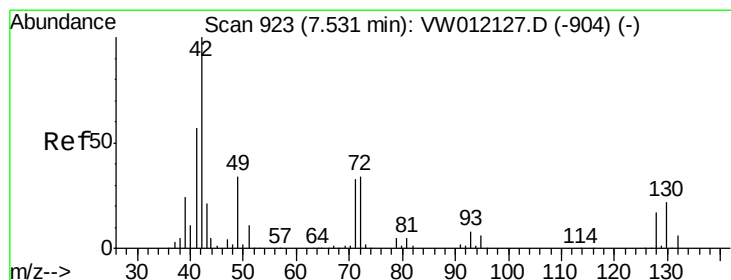
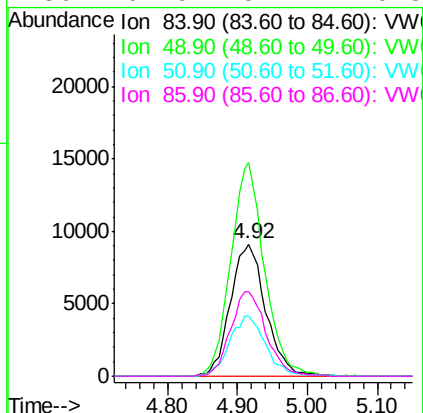
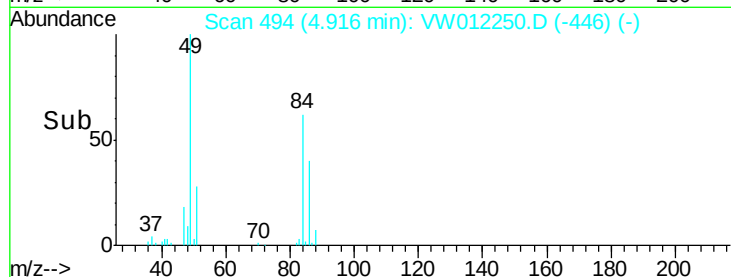
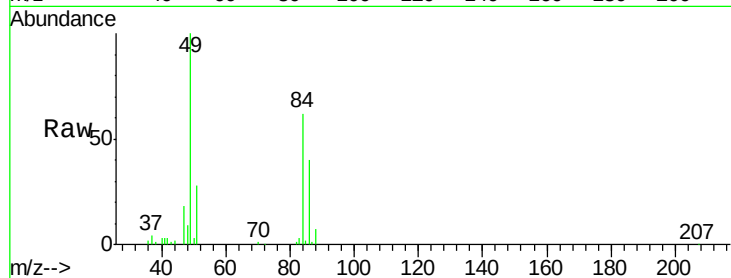




#20
Methylene Chloride
Concen: 11.963 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012250.D
Acq: 28 Aug 2019 13:32

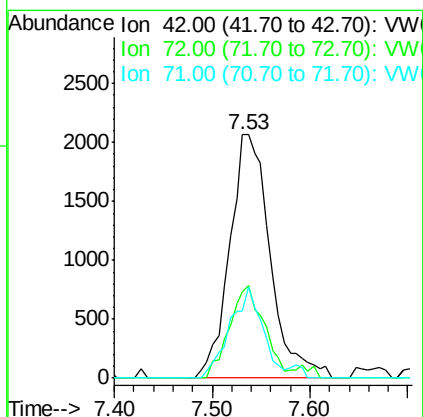
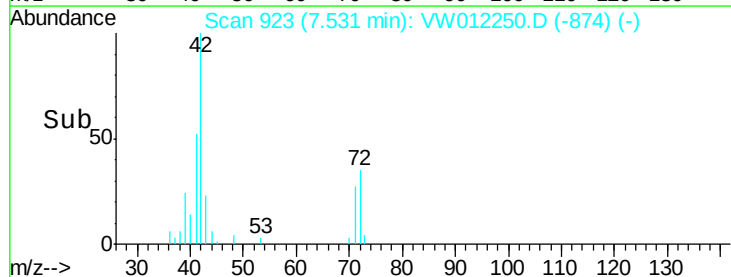
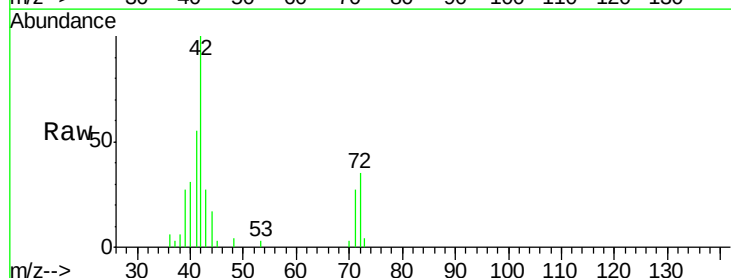
Instrument :
MSVOA_W
ClientSampleId :
S401-K1-1.0-1.5-082619

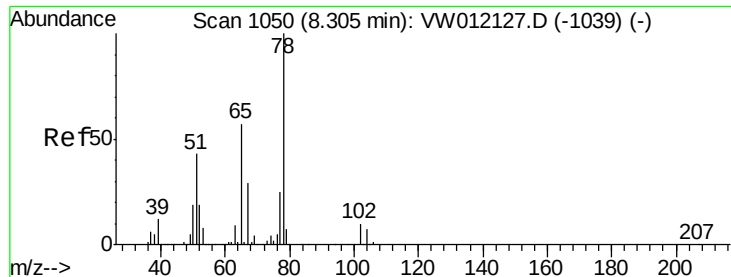
Tot Ion:	84	Resp:	32032
Ion	Ratio	Lower	Upper
84	100		
49	161.8	117.8	176.8
51	45.8	35.6	53.4
86	64.0	51.2	76.8



#29
Tetrahydrofuran
Concen: 10.275 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012250.D
Acq: 28 Aug 2019 13:32

Tgt Ion:	42	Resp:	5933
Ion	Ratio	Lower	Upper
42	100		
72	32.9	27.3	40.9
71	30.1	25.5	38.3

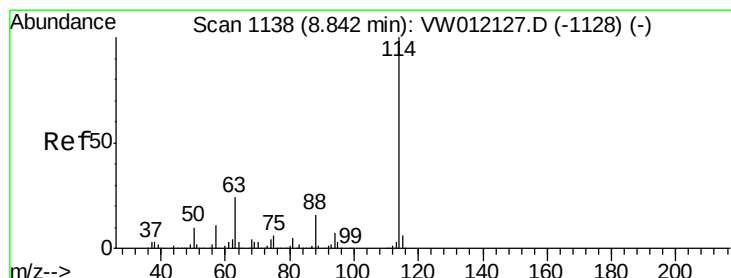
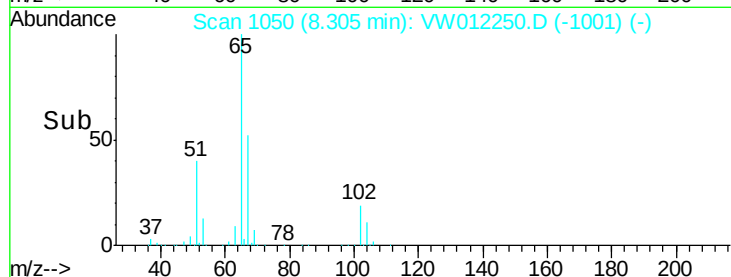
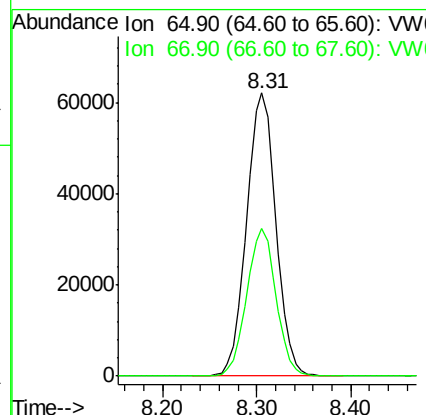
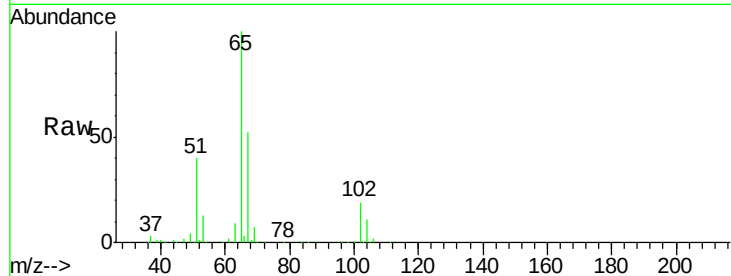




#33
 1,2-Dichloroethane-d4
 Concen: 48.980 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012250.D
 Acq: 28 Aug 2019 13:32

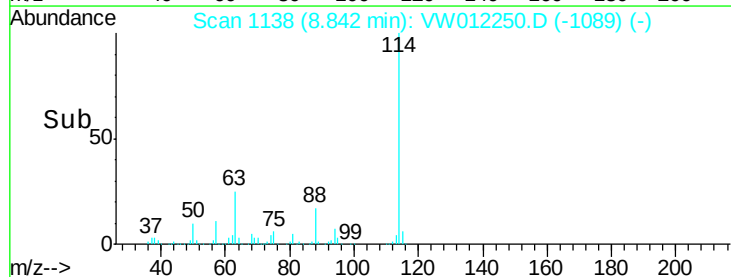
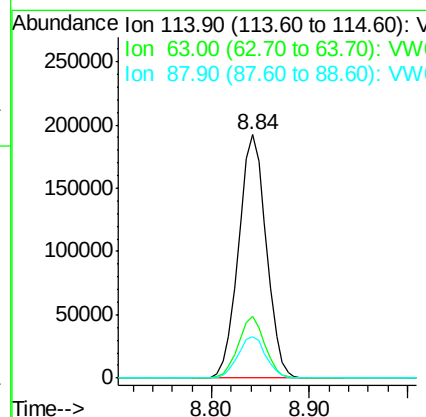
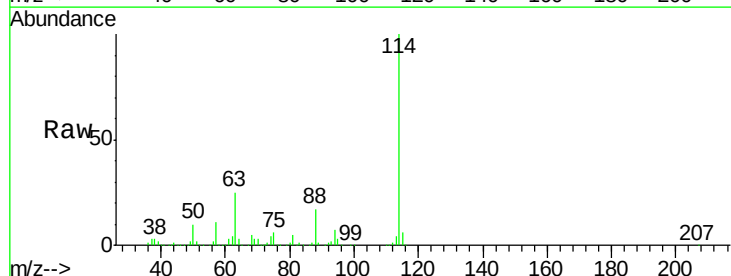
Instrument :
 MSVOA_W
 ClientSampleId :
 S401-K1-1.0-1.5-082619

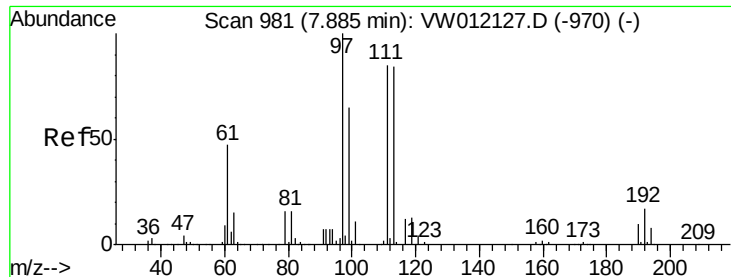
Tot Ion: 65 Resp: 135712
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012250.D
 Acq: 28 Aug 2019 13:32

Tgt Ion: 114 Resp: 377511
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 48.6
 88 17.1 0.0 32.2

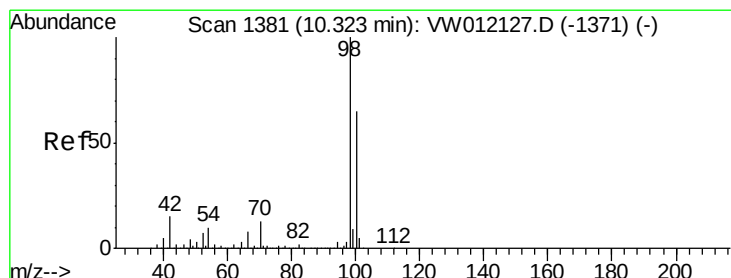
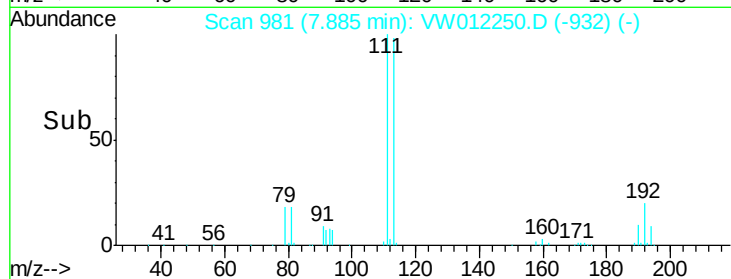
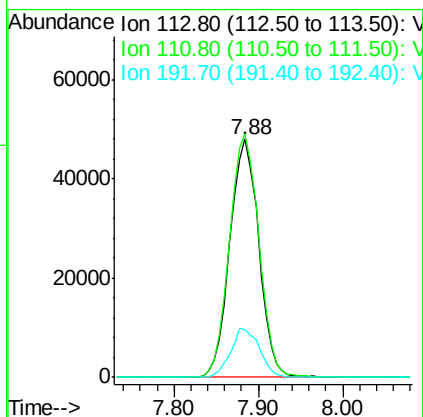
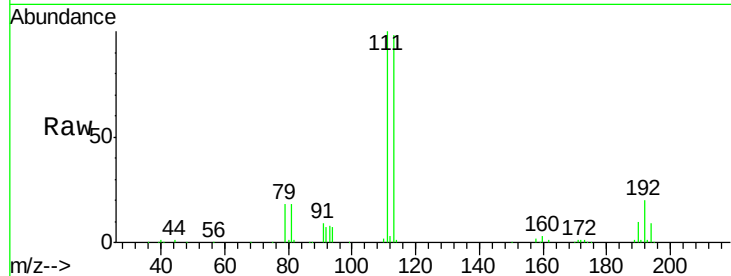




#35
 Dibromofluoromethane
 Concen: 49.590 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012250.D
 Acq: 28 Aug 2019 13:32

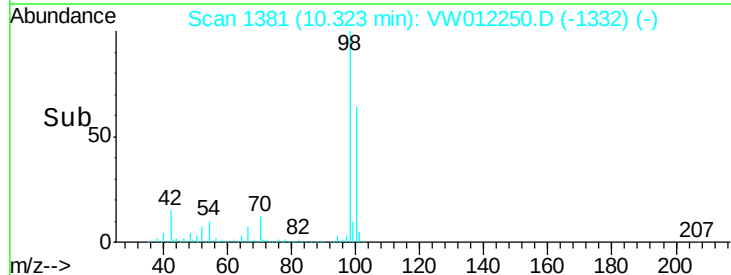
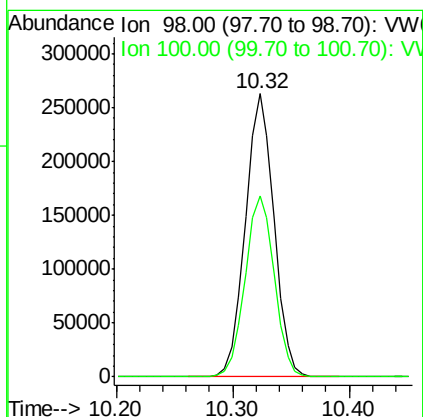
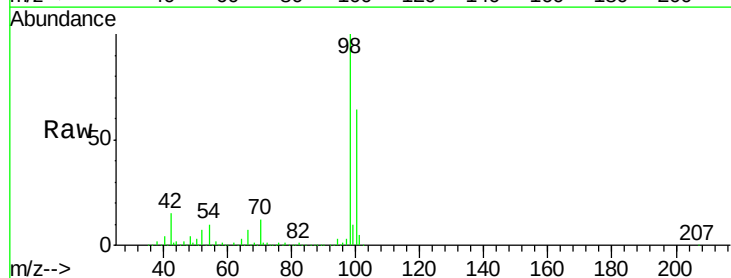
Instrument :
 MSVOA_W
 ClientSampleId :
 S401-K1-1.0-1.5-082619

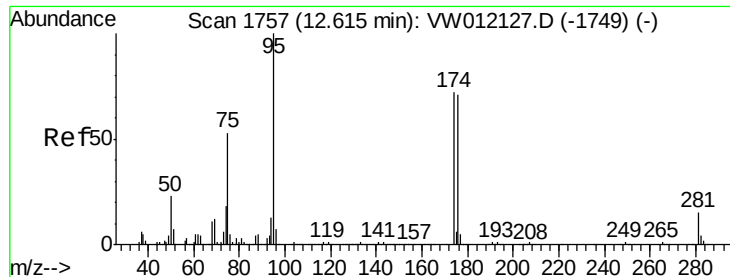
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	20.5	16.2	24.2



#50
 Toluene-d8
 Concen: 49.366 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012250.D
 Acq: 28 Aug 2019 13:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 37.692 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012250.D

Acq: 28 Aug 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

S401-K1-1.0-1.5-082619

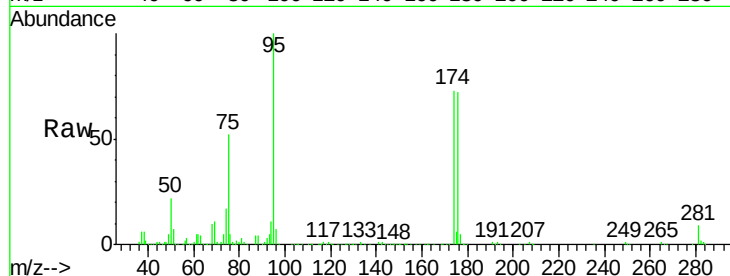
Tot Ion: 95 Resp: 121396

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.8

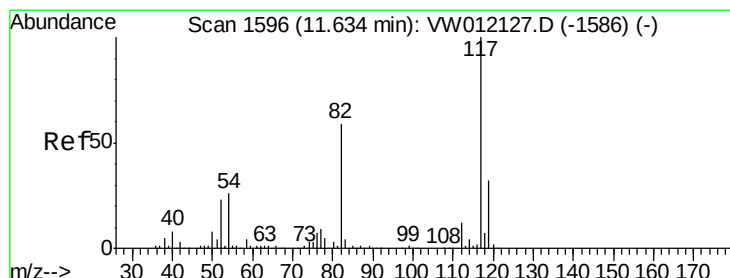
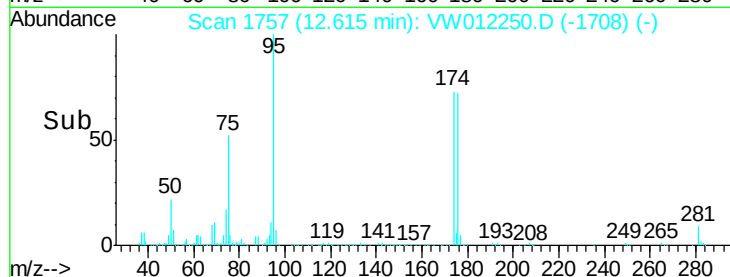
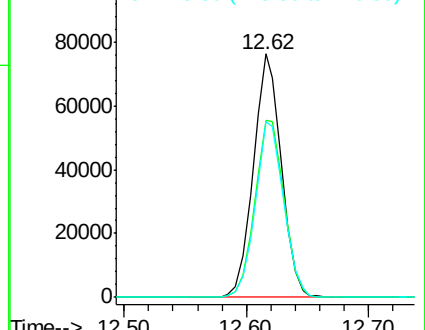
176 73.7 0.0 148.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW012250.D

Acq: 28 Aug 2019 13:32

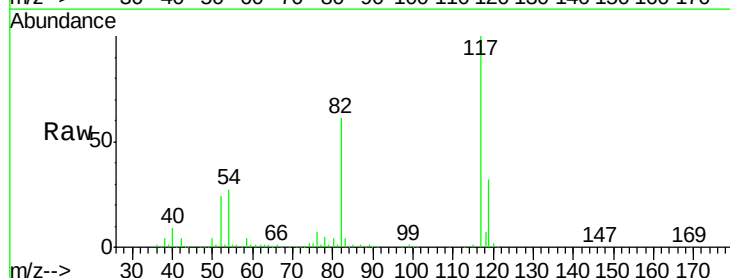
Tgt Ion: 117 Resp: 287227

Ion Ratio Lower Upper

117 100

82 60.9 47.4 71.2

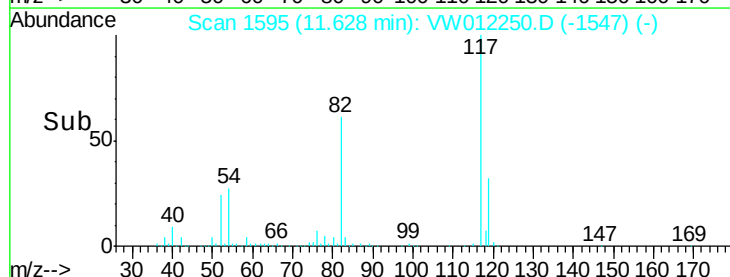
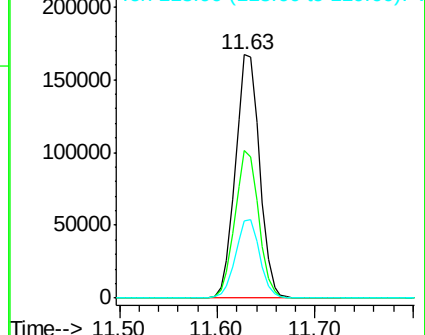
119 31.7 25.4 38.2

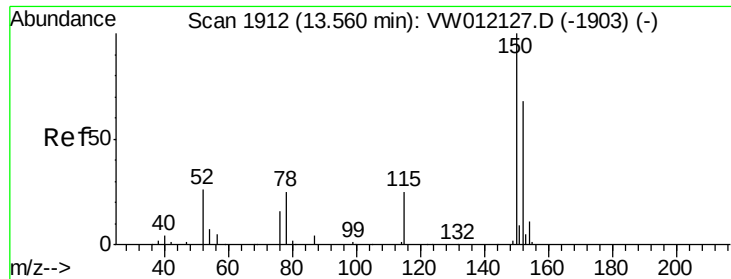


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012250.D

Acq: 28 Aug 2019 13:32

Instrument :

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ClientSampleId :

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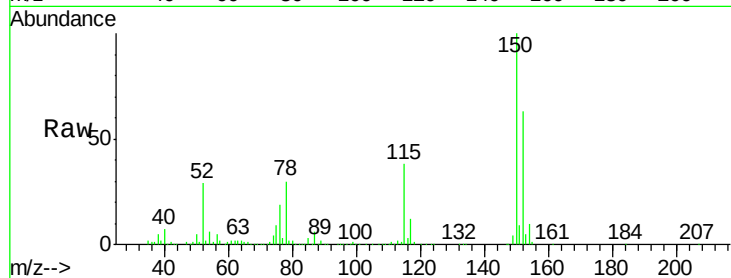
Tot Ion:152 Resp: 87853

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.3

150 155.5 0.0 345.8



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

