

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012451.D
 Acq On : 01 Sep 2019 16:31
 Operator : SY/VA
 Sample : K4516-02
 Misc : 4.69G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B2-(2.5)

Quant Time: Sep 02 07:55:21 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

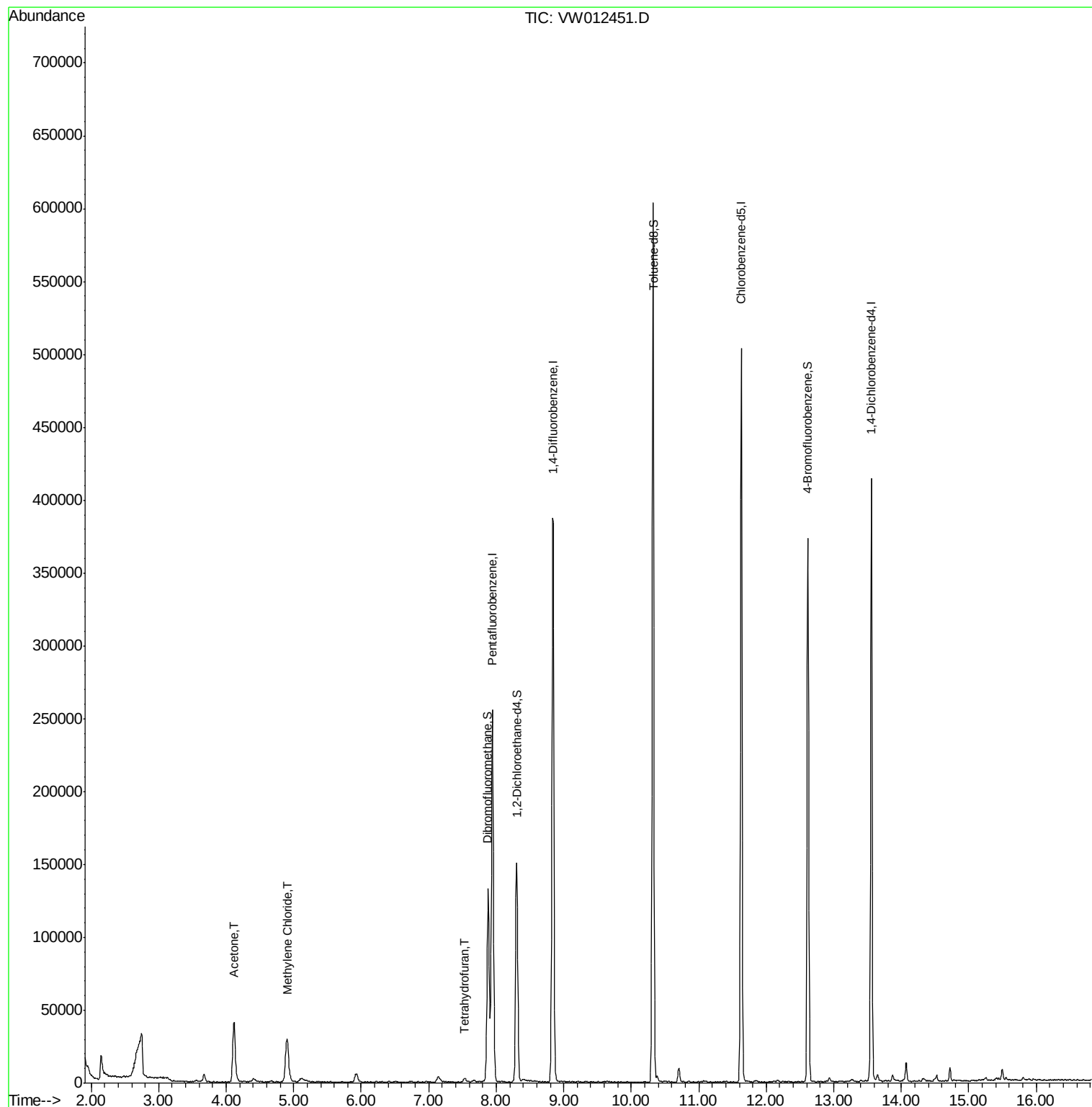
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	183147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	123365	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
35) Dibromofluoromethane	7.88	113	94314	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.32	98	376491	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	116946	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
16) Acetone	4.12	43	74078	133.107	ug/l	96
20) Methylene Chloride	4.90	84	21363	10.154	ug/l	93
29) Tetrahydrofuran	7.53	42	2519	5.552	ug/l	98

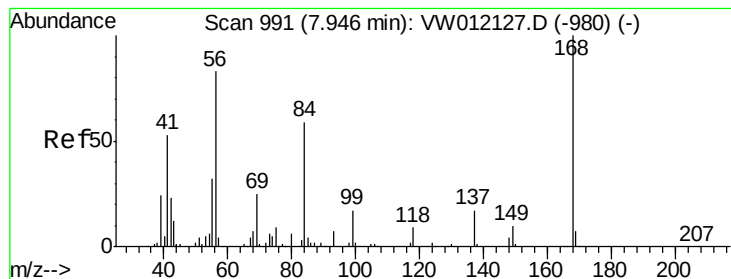
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
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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: VW012451.D

Acq: 01 Sep 2019 16:31

Instrument :

MSVOA_W

ClientSampleId :

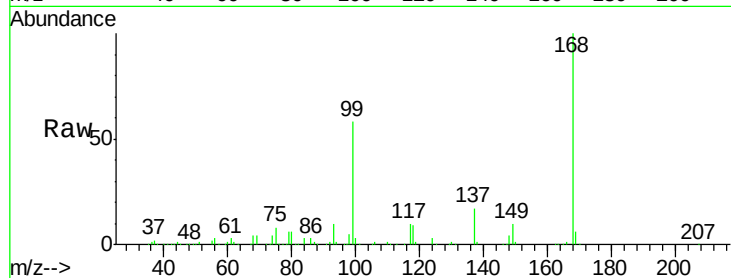
T1-S-B2-(2.5)

Tot Ion:168 Resp: 183147

Ion Ratio Lower Upper

168 100

99 58.3 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

80000

60000

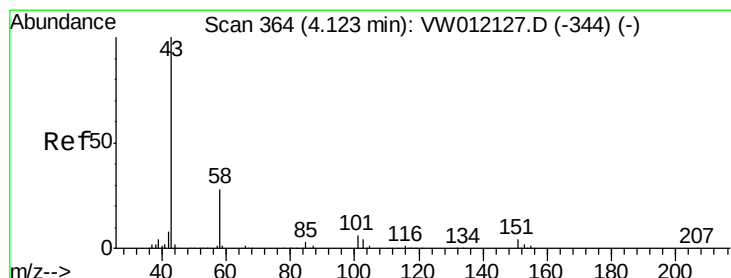
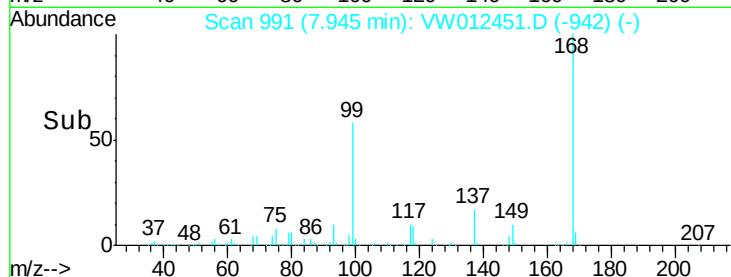
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 133.107 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012451.D

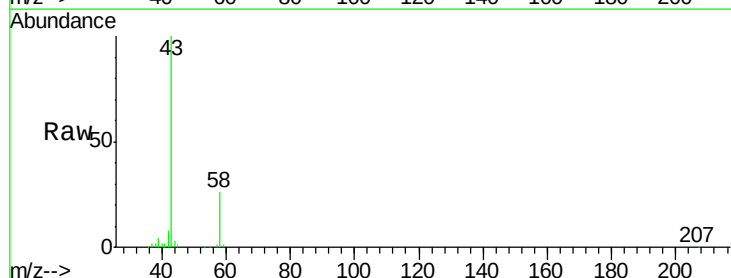
Acq: 01 Sep 2019 16:31

Tgt Ion: 43 Resp: 74078

Ion Ratio Lower Upper

43 100

58 25.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

30000

25000

20000

15000

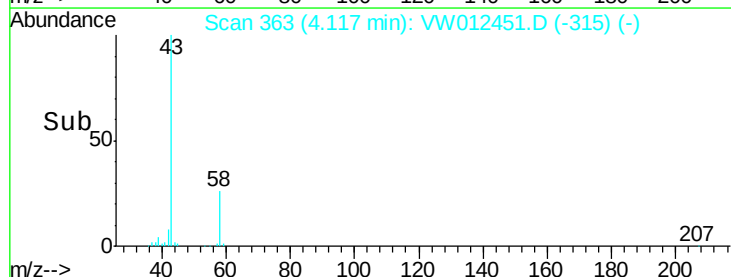
10000

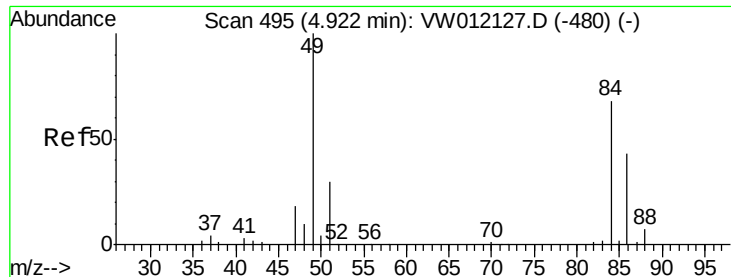
5000

0

4.00 4.10 4.20 4.30

Time-->

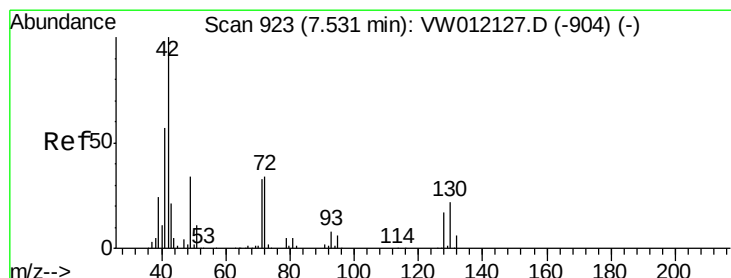
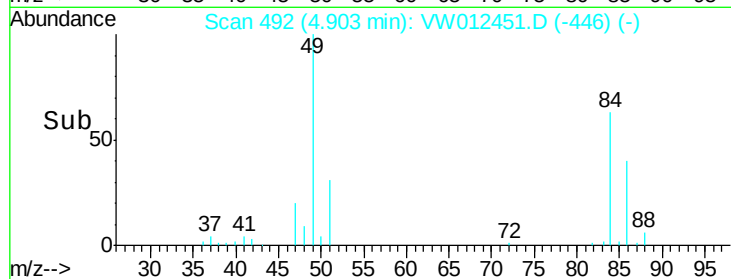
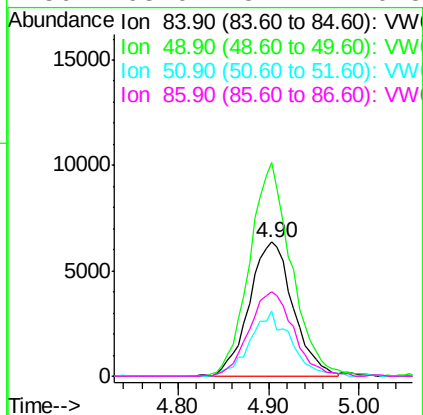
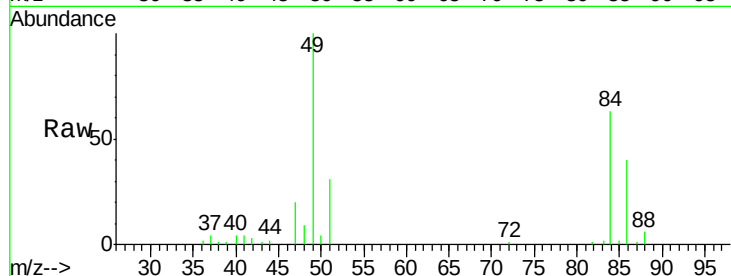




#20
Methvlene Chloride
Concen: 10.154 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

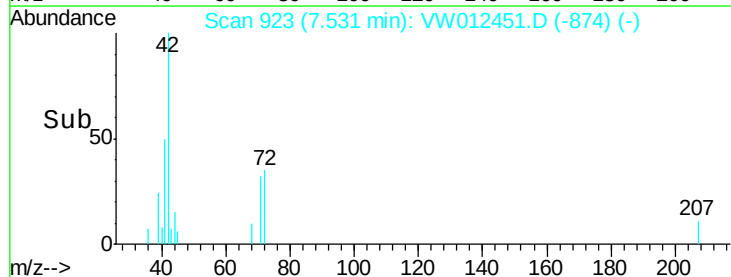
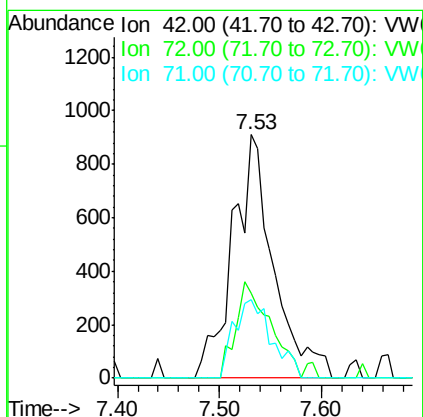
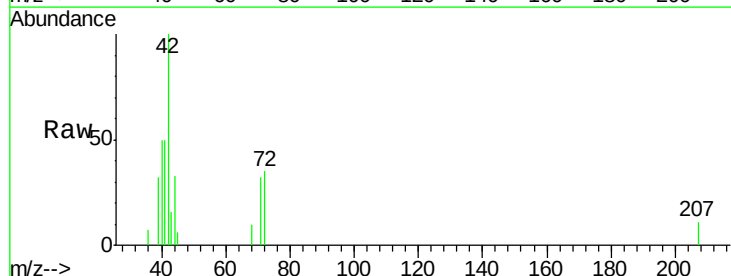
Instrument :
MSVOA_W
ClientSampleId :
T1-S-B2-(2.5)

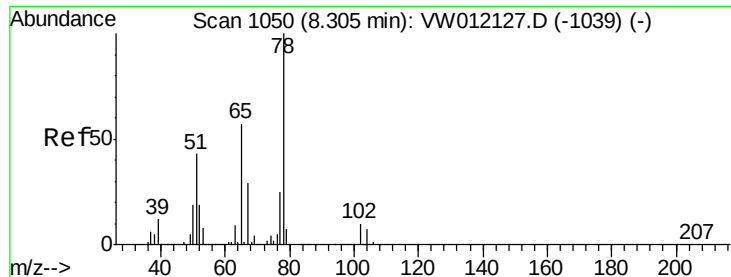
Tot Ion:	84	Resp:	21363
Ion	Ratio	Lower	Upper
84	100		
49	159.2	117.8	176.8
51	48.7	35.6	53.4
86	63.0	51.2	76.8



#29
Tetrahydrofuran
Concen: 5.552 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012451.D
Acq: 01 Sep 2019 16:31

Tgt Ion:	42	Resp:	2519
Ion	Ratio	Lower	Upper
42	100		
72	33.5	27.3	40.9
71	29.9	25.5	38.3

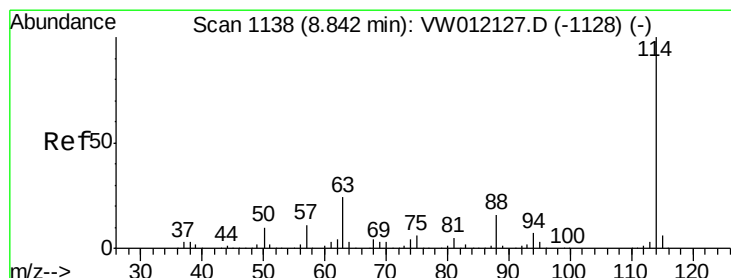
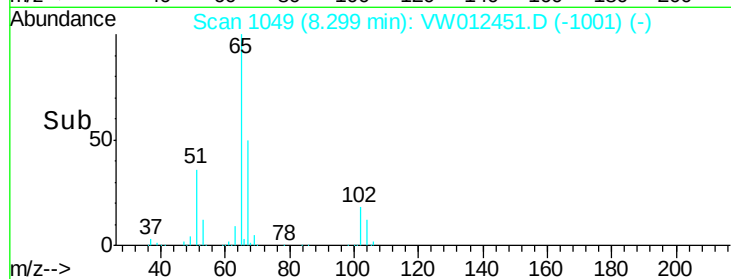
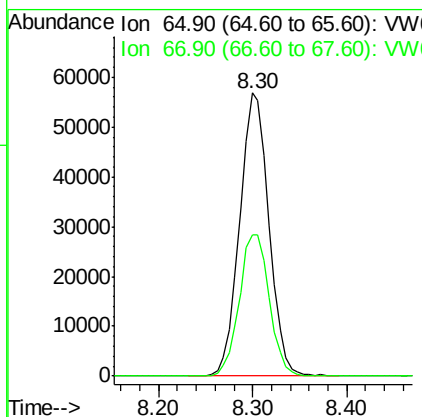
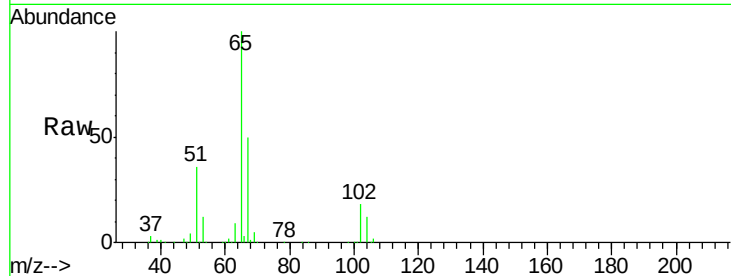




#33
 1,2-Dichloroethane-d4
 Concen: 56.663 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012451.D
 Acq: 01 Sep 2019 16:31

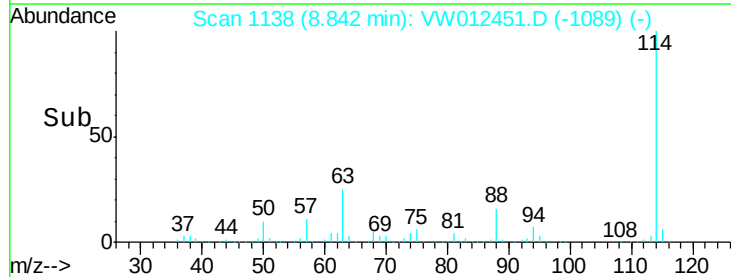
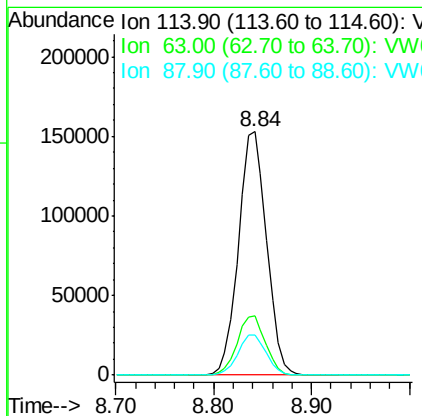
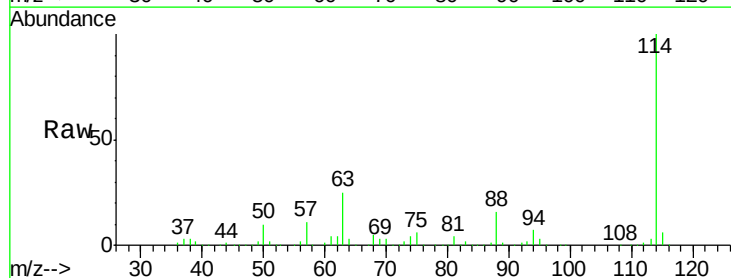
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B2-(2.5)

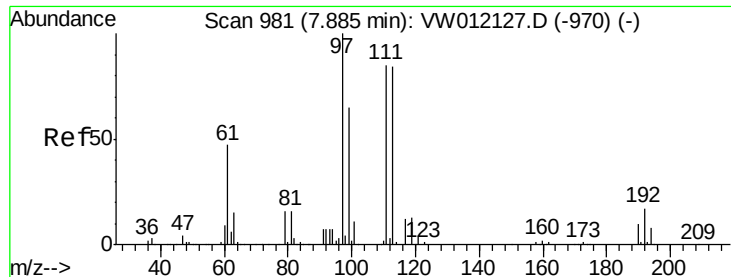
Tot Ion: 65 Resp: 123365
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012451.D
 Acq: 01 Sep 2019 16:31

Tgt Ion: 114 Resp: 304452
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.898 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012451.D

Acq: 01 Sep 2019 16:31

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B2-(2.5)

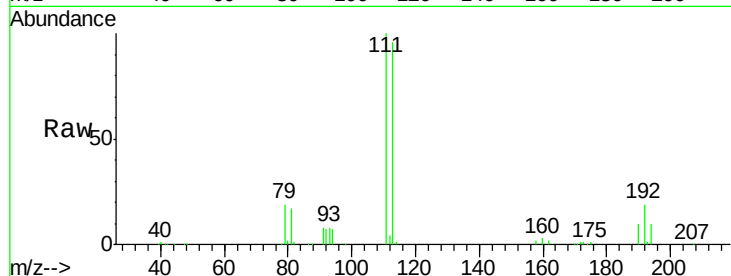
Tot Ion:113 Resp: 94314

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

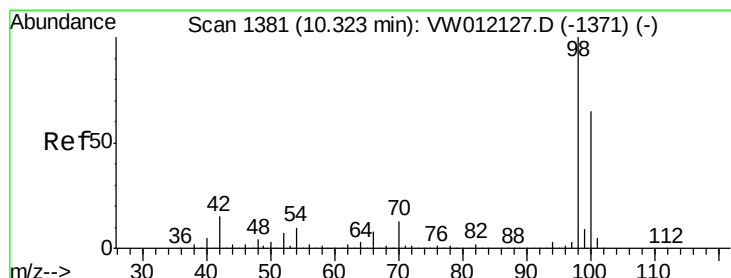
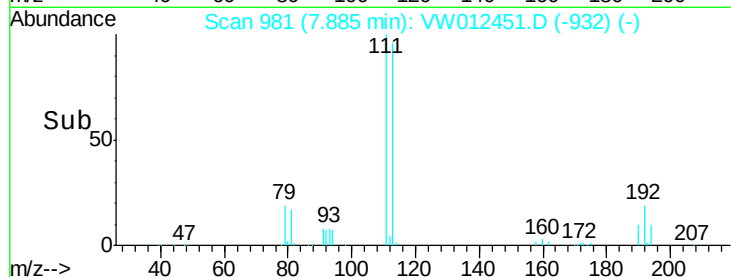
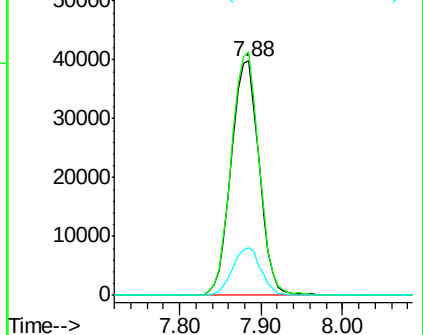
192 20.5 16.2 24.2



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: 51.094 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012451.D

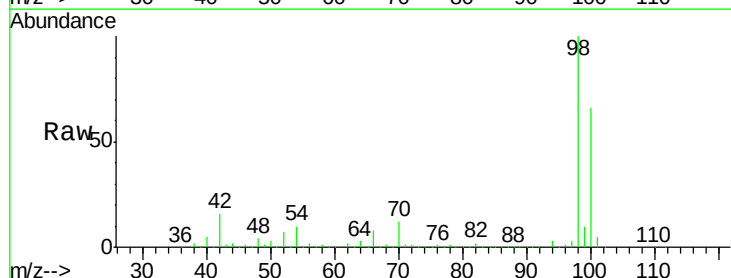
Acq: 01 Sep 2019 16:31

Tgt Ion: 98 Resp: 376491

Ion Ratio Lower Upper

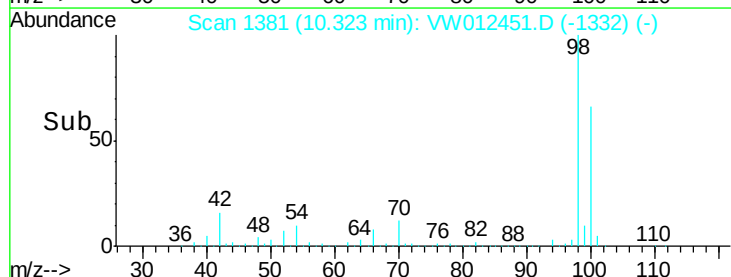
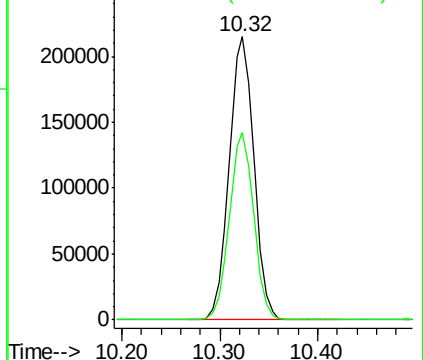
98 100

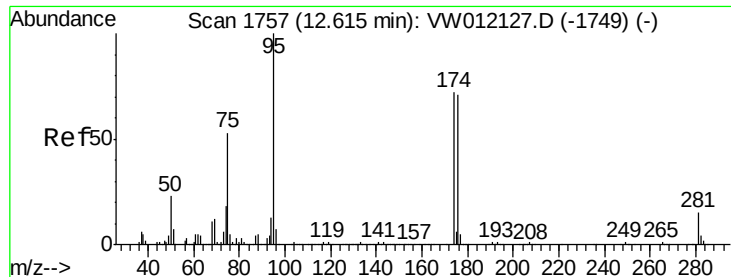
100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.024 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012451.D

Acq: 01 Sep 2019 16:31

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B2-(2.5)

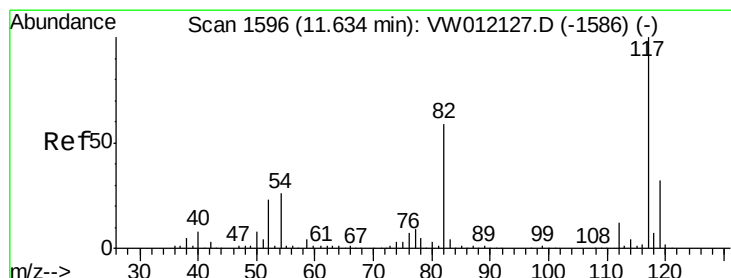
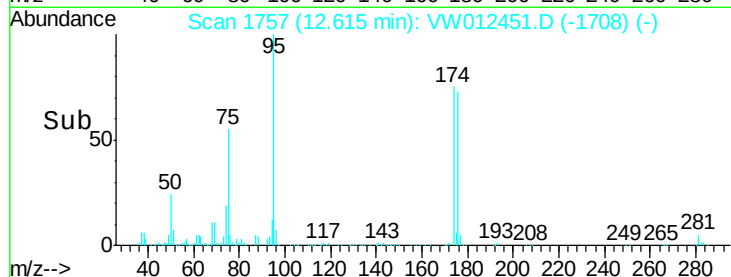
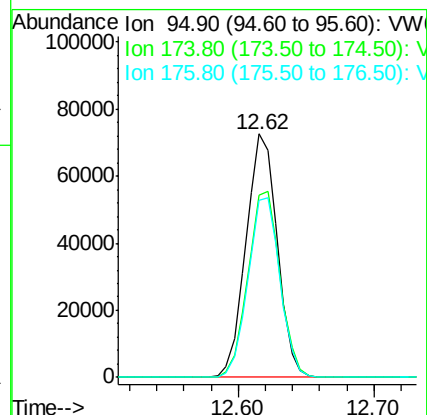
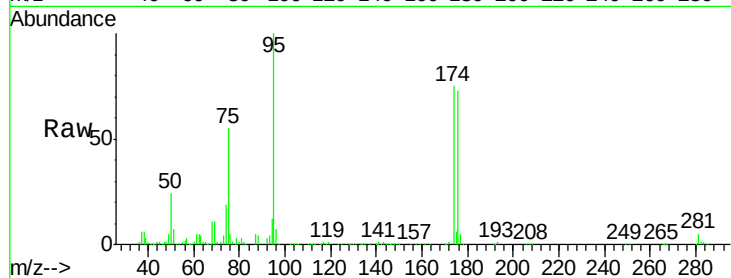
Tot Ion: 95 Resp: 116946

Ion Ratio Lower Upper

95 100

174 78.1 0.0 150.8

176 75.4 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012451.D

Acq: 01 Sep 2019 16:31

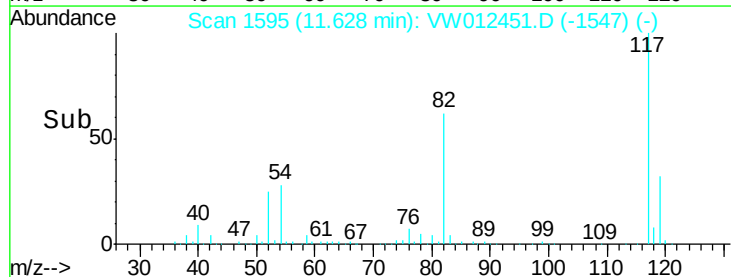
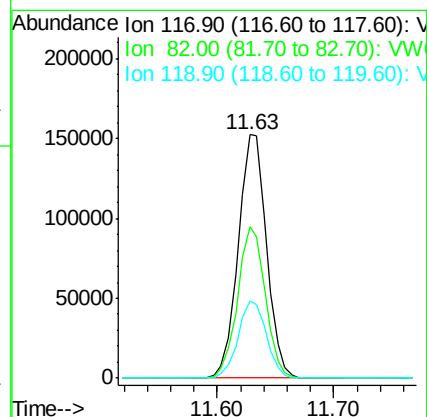
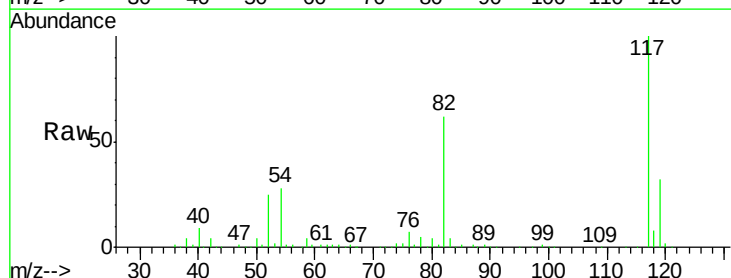
Tgt Ion: 117 Resp: 258553

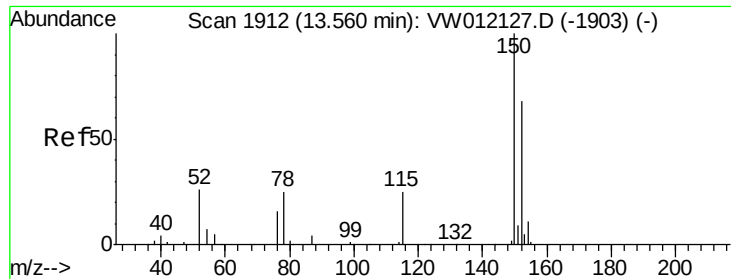
Ion Ratio Lower Upper

117 100

82 62.0 47.4 71.2

119 31.7 25.4 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: VW012451.D

Acq: 01 Sep 2019 16:31

Instrument :

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ClientSampleId :

T1-S-B2-(2.5)

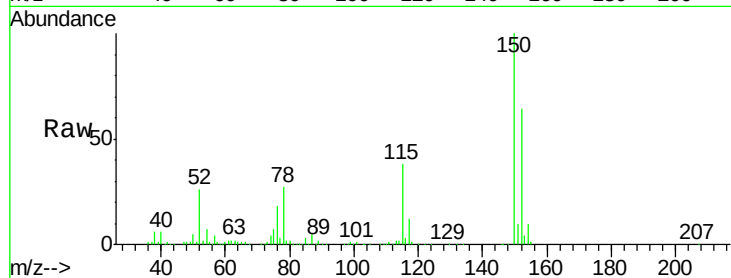
Tot Ion:152 Resp: 101776

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.3

150 156.1 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

