

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012832.D
 Acq On : 09 Sep 2019 19:51
 Operator : SY/VA
 Sample : K4655-02
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-15-S2

Quant Time: Sep 10 07:28:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

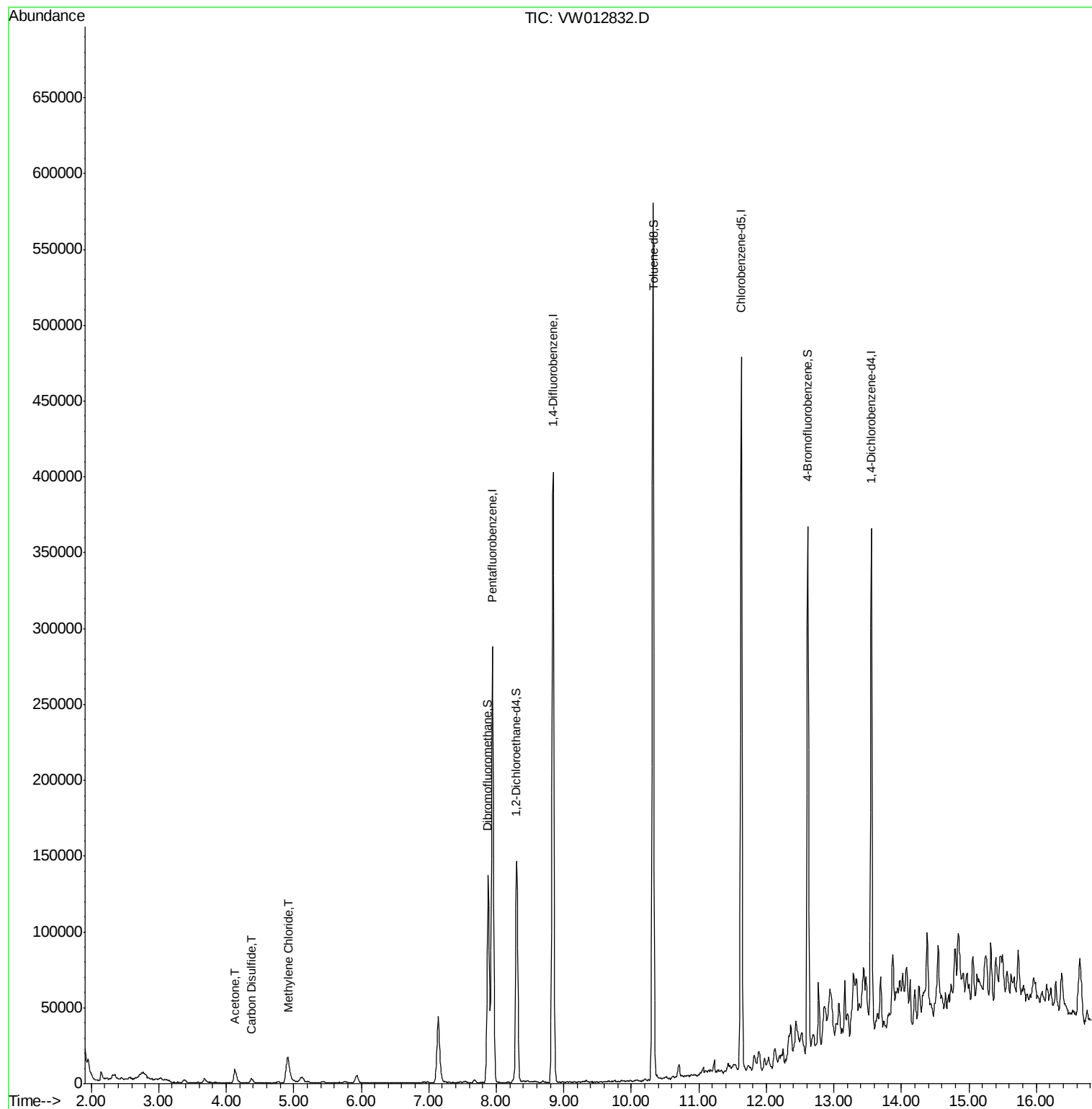
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	89303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	119773	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	7.88	113	98145	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.32	98	379098	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.62	95	107956	37.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.52%	
Target Compounds						
16) Acetone	4.13	43	17244	25.988	ug/l	96
17) Carbon Disulfide	4.38	76	5635	1.476	ug/l	97
20) Methylene Chloride	4.91	84	13139	6.329	ug/l	95

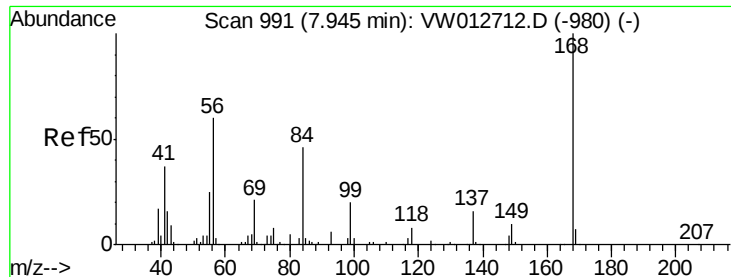
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012832.D

Acq: 09 Sep 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

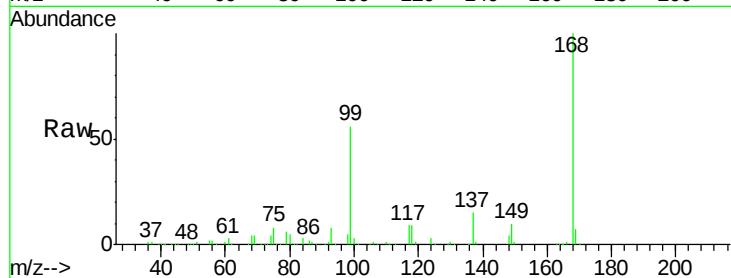
TP-15-S2

Tot Ion:168 Resp: 217832

Ion Ratio Lower Upper

168 100

99 56.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

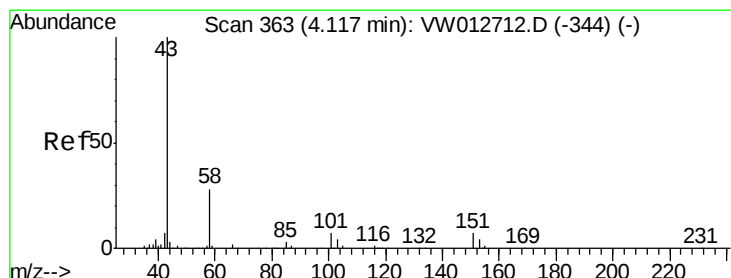
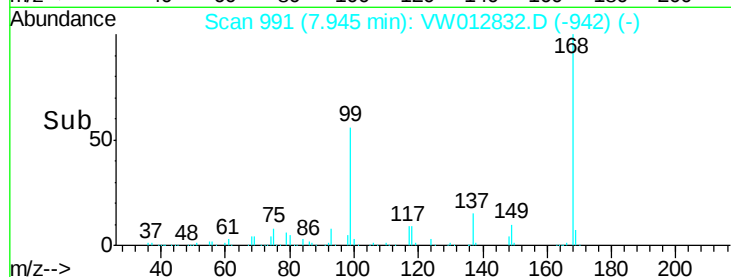
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 25.988 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012832.D

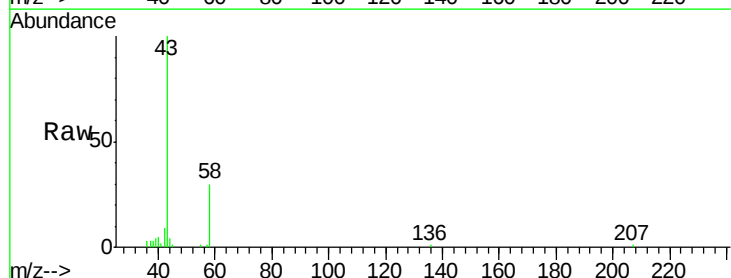
Acq: 09 Sep 2019 19:51

Tgt Ion: 43 Resp: 17244

Ion Ratio Lower Upper

43 100

58 30.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

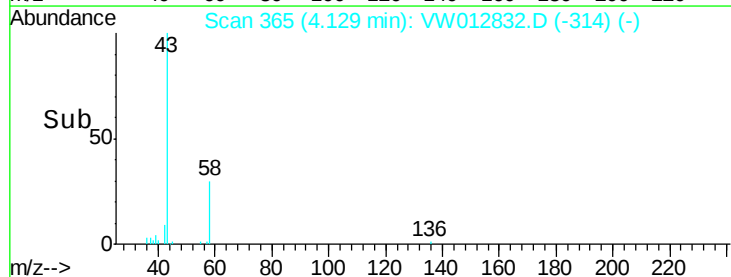
6000

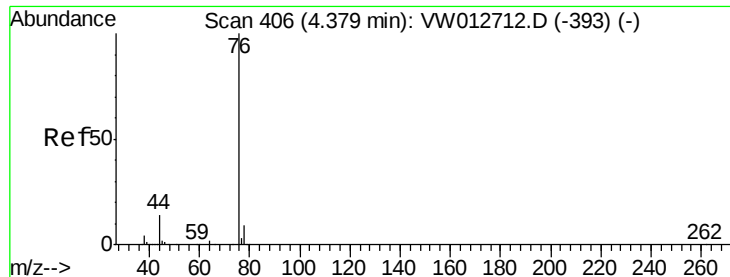
4000

2000

0

Time--> 4.00 4.10 4.20

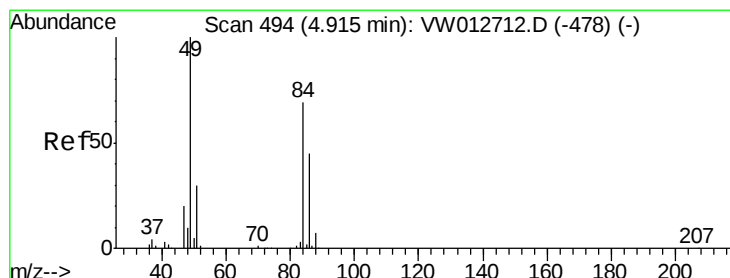
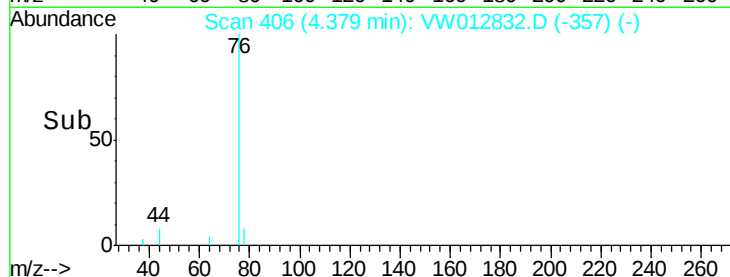
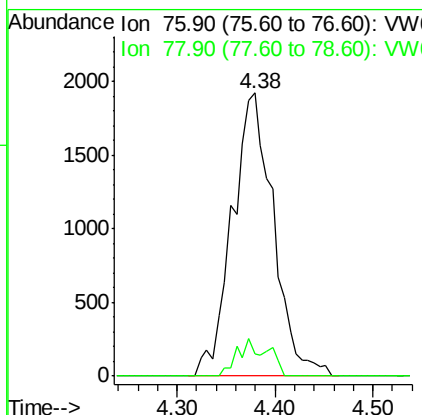
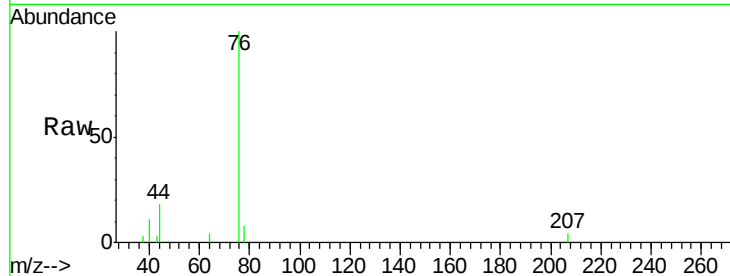




#17
Carbon Disulfide
Concen: 1.476 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012832.D
Acq: 09 Sep 2019 19:51

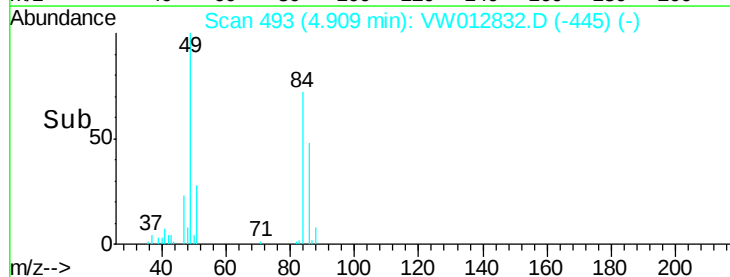
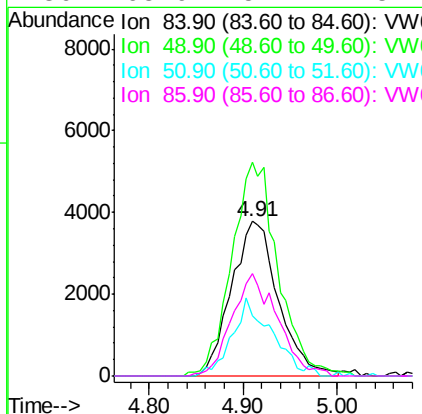
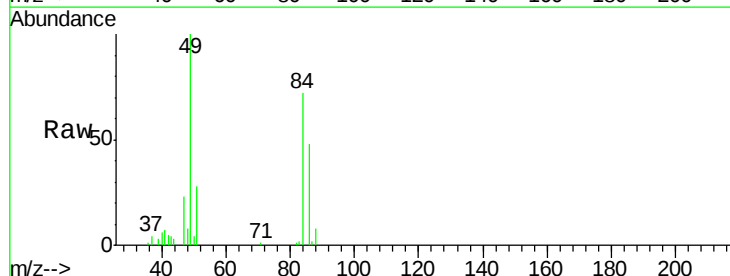
Instrument :
MSVOA_W
ClientSampled :
TP-15-S2

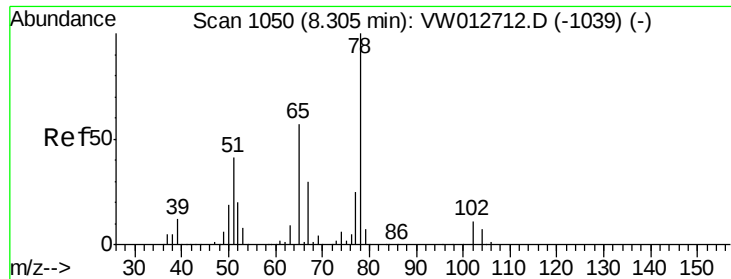
Tot Ion: 76 Resp: 5635
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8



#20
Methylene Chloride
Concen: 6.329 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012832.D
Acq: 09 Sep 2019 19:51

Tgt Ion: 84 Resp: 13139
Ion Ratio Lower Upper
84 100
49 135.5 115.4 173.0
51 39.2 34.9 52.3
86 65.9 52.2 78.4

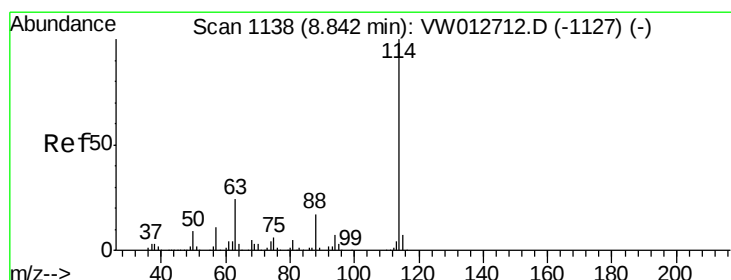
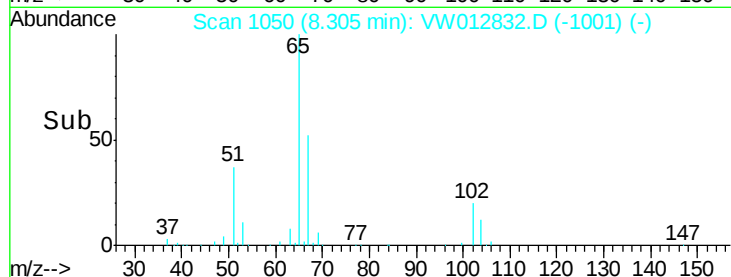
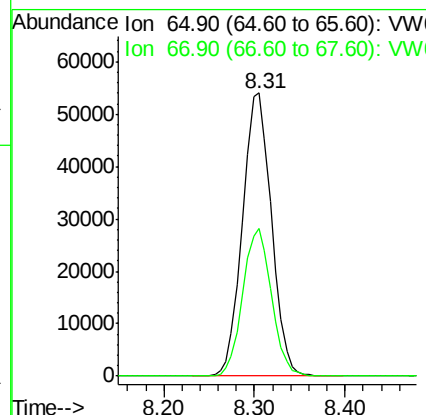
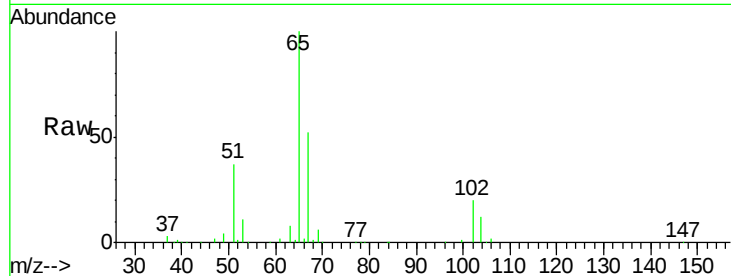




#33
 1,2-Dichloroethane-d4
 Concen: 49.210 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012832.D
 Acq: 09 Sep 2019 19:51

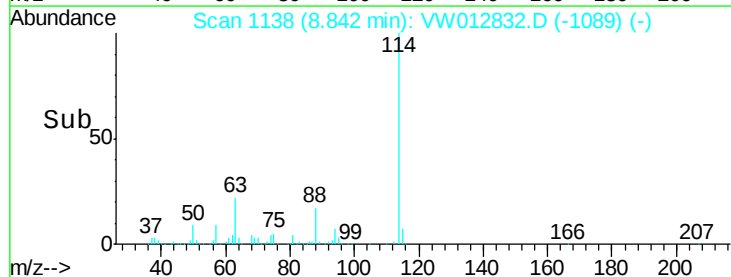
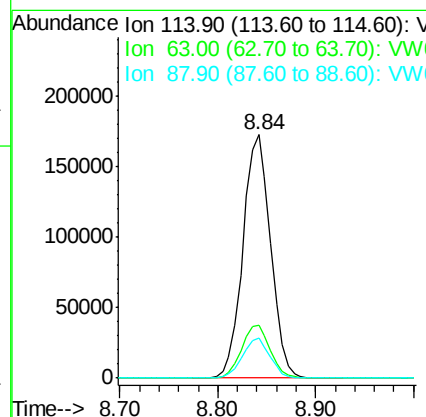
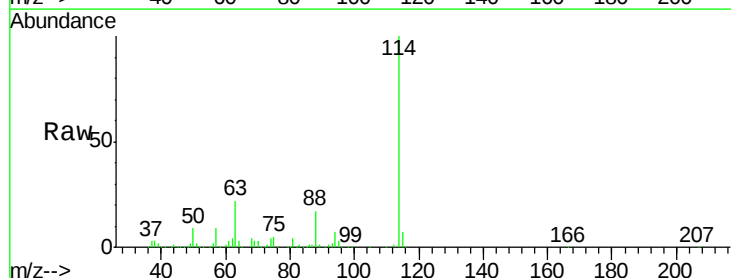
Instrument :
 MSVOA_W
 ClientSampled :
 TP-15-S2

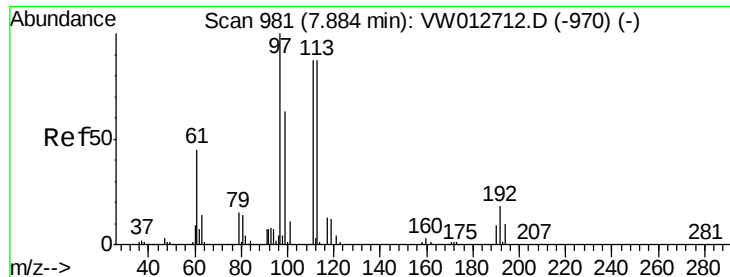
Tot Ion: 65 Resp: 119773
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012832.D
 Acq: 09 Sep 2019 19:51

Tgt Ion: 114 Resp: 338118
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 47.2
 88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.823 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012832.D

Acq: 09 Sep 2019 19:51

Instrument :

MSVOA_W

ClientSampled :

TP-15-S2

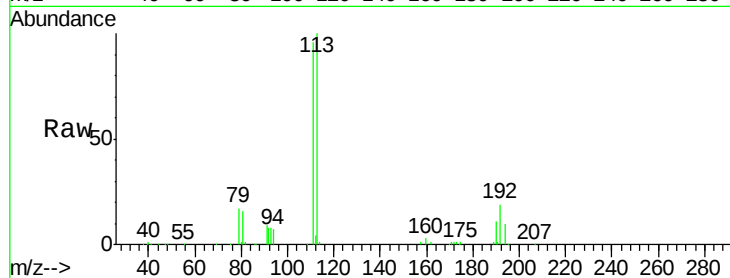
Tot Ion:113 Resp: 98145

Ion Ratio Lower Upper

113 100

111 102.8 80.2 120.4

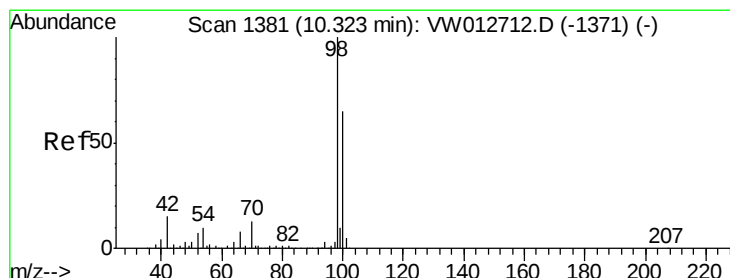
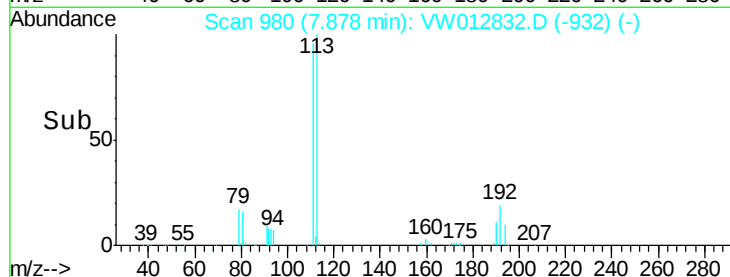
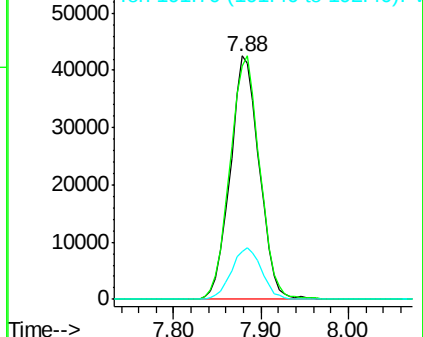
192 21.9 17.3 25.9



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: 48.136 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012832.D

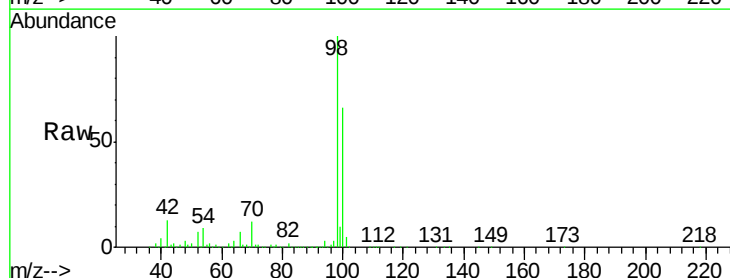
Acq: 09 Sep 2019 19:51

Tgt Ion: 98 Resp: 379098

Ion Ratio Lower Upper

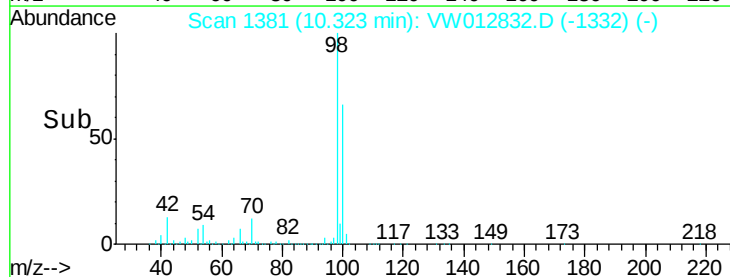
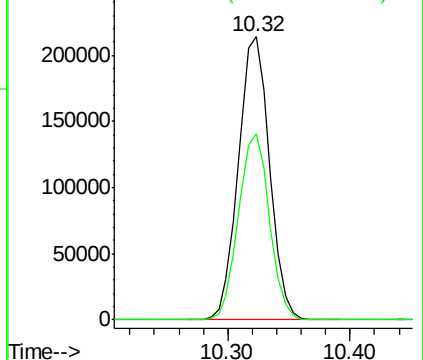
98 100

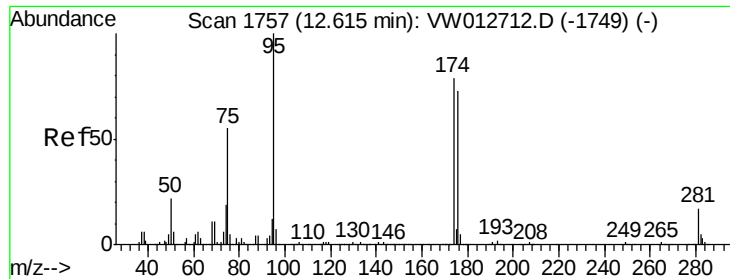
100 65.2 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 37.759 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012832.D

Acq: 09 Sep 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

TP-15-S2

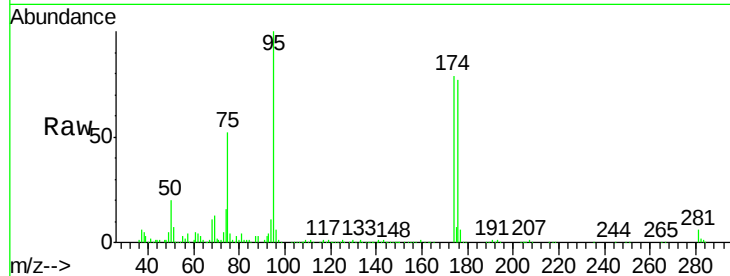
Tot Ion: 95 Resp: 107956

Ion Ratio Lower Upper

95 100

174 84.3 0.0 161.0

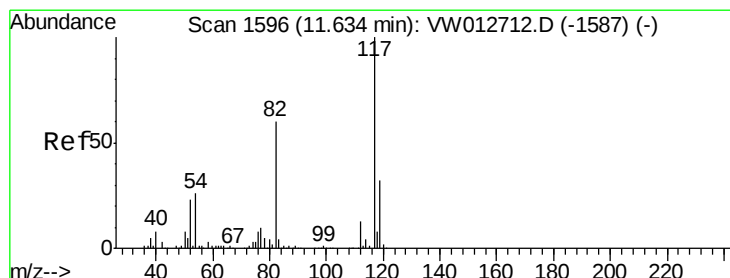
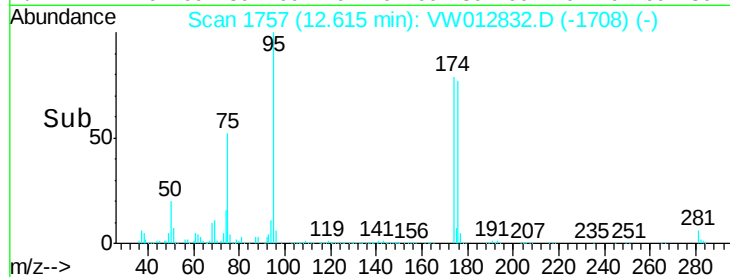
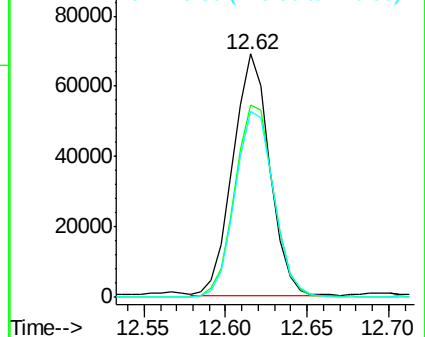
176 81.7 0.0 156.4



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: VW012832.D

Acq: 09 Sep 2019 19:51

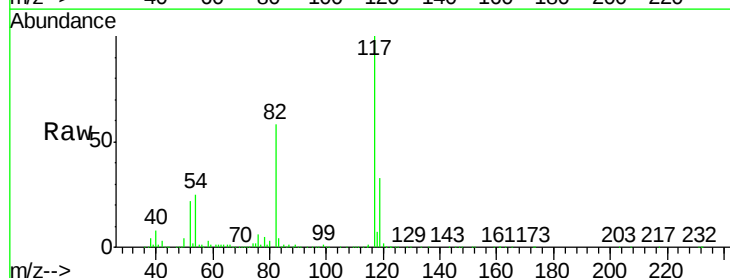
Tgt Ion: 117 Resp: 253432

Ion Ratio Lower Upper

117 100

82 58.2 48.2 72.4

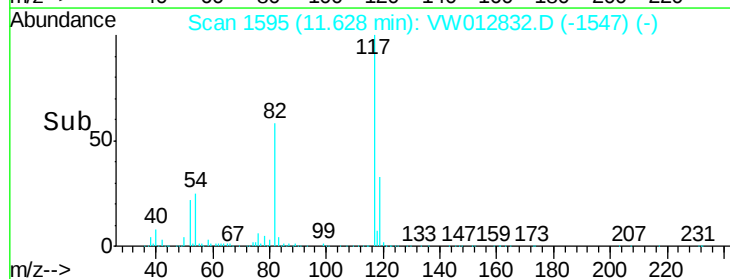
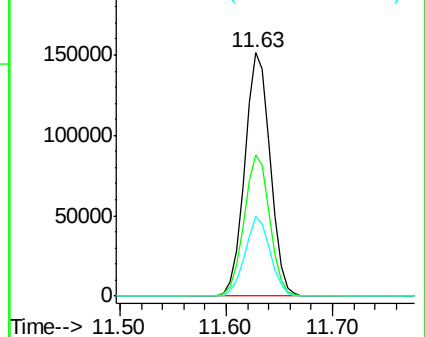
119 32.7 25.8 38.6

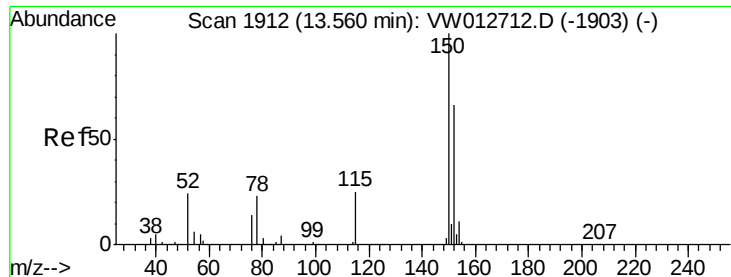


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012832.D

Acq: 09 Sep 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

TP-15-S2

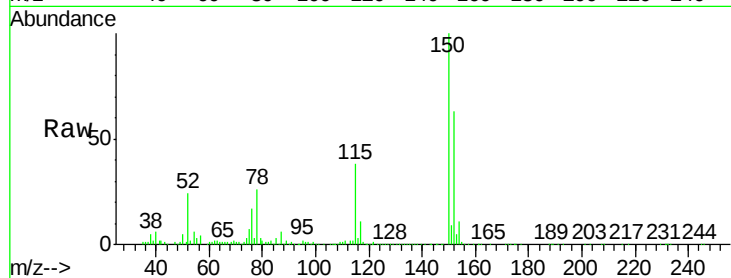
Tot Ion:152 Resp: 89303

Ion Ratio Lower Upper

152 100

115 56.5 30.0 90.1

150 154.1 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

