

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011748.D
 Acq On : 07 Aug 2019 13:57
 Operator : SY/VA
 Sample : K4107-04
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T-2A

Quant Time: Aug 13 08:55:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

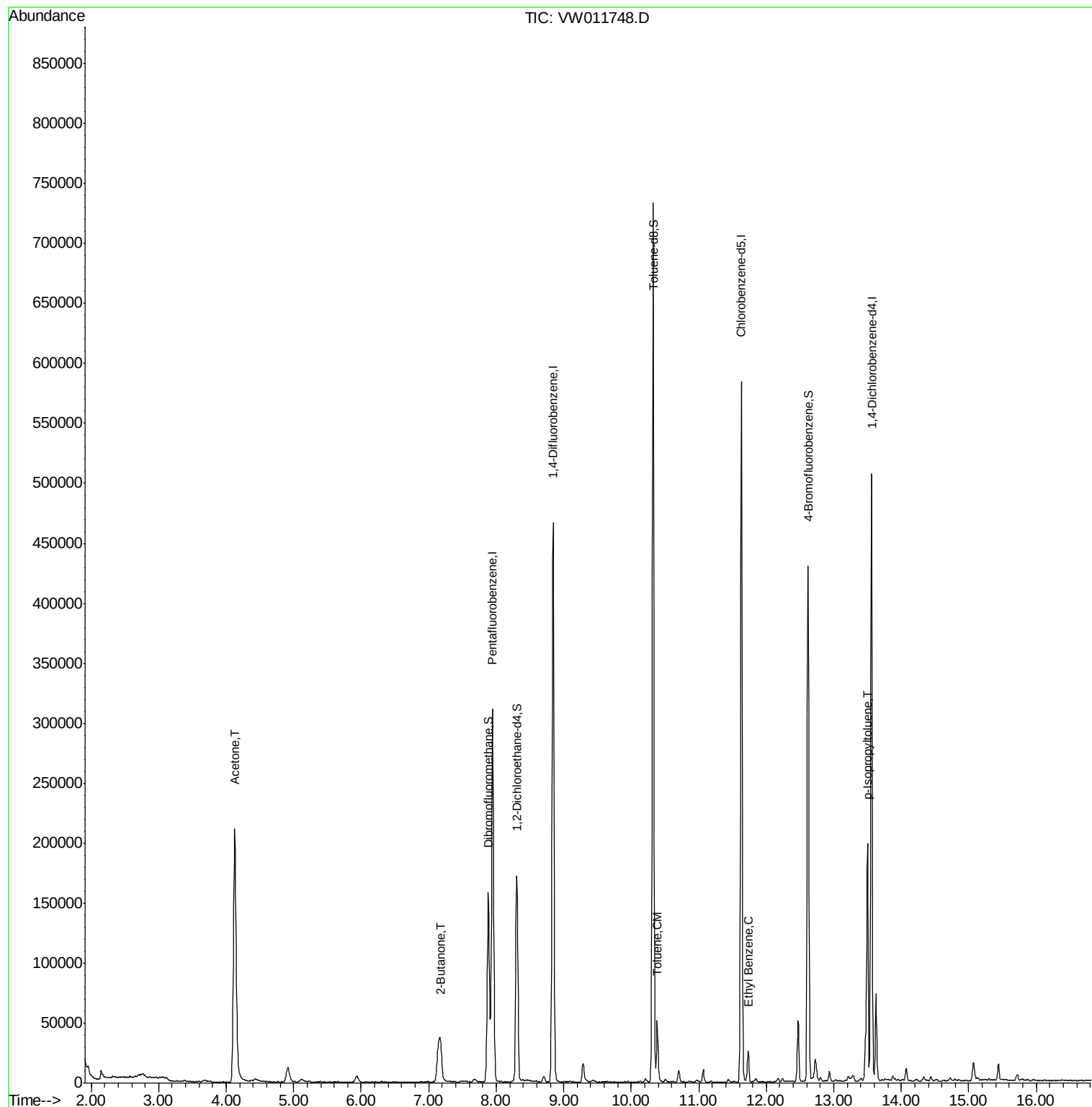
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	139512	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	7.88	113	111178	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
50) Toluene-d8	10.32	98	449641	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.62	95	143195	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
Target Compounds						
16) Acetone	4.13	43	404412	503.435	ug/l	98
25) 2-Butanone	7.18	43	50158	47.717	ug/l	99
52) Toluene	10.39	92	20916	3.269	ug/l	99
67) Ethyl Benzene	11.73	91	16409	1.415	ug/l	96
86) p-Isopropyltoluene	13.50	119	102380	12.171	ug/l	97

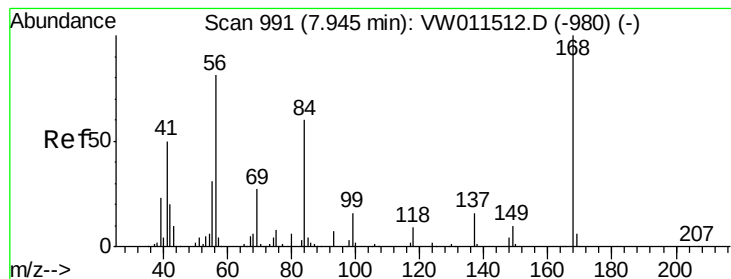
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011748.D

Acq: 07 Aug 2019 13:57

Instrument :

MSVOA_W

ClientSampled :

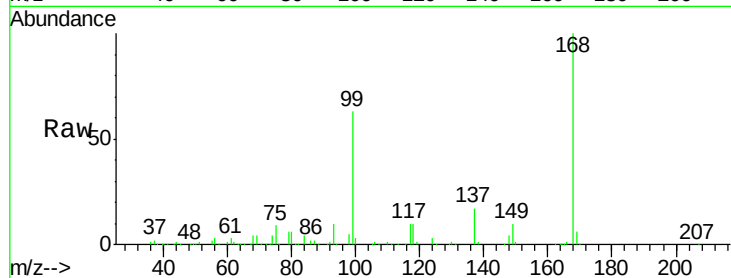
T-2A

Tot Ion:168 Resp: 219924

Ion Ratio Lower Upper

168 100

99 62.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

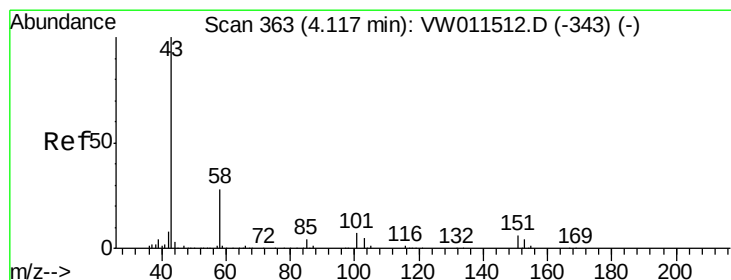
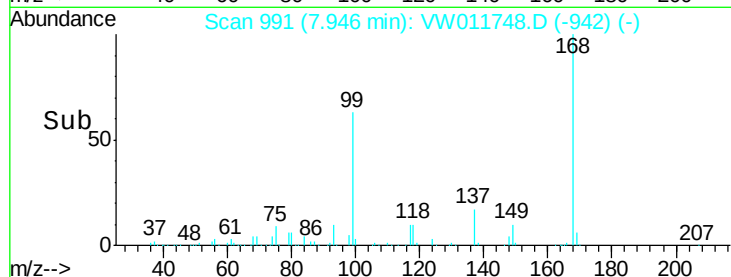
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 503.435 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011748.D

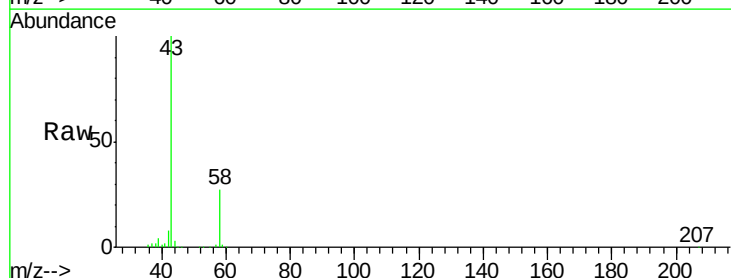
Acq: 07 Aug 2019 13:57

Tgt Ion: 43 Resp: 404412

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

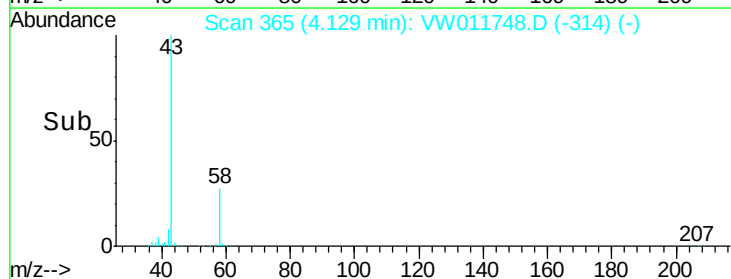
150000

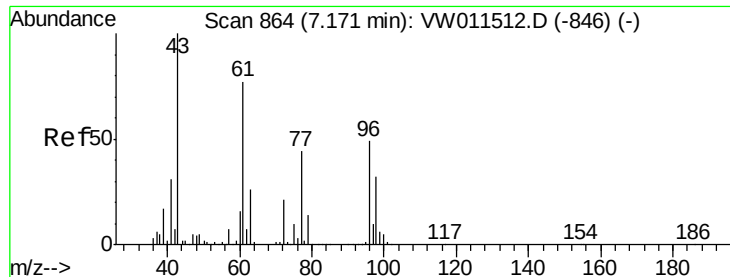
100000

50000

0

Time--> 4.00 4.20 4.40





#25

2-Butanone

Concen: 47.717 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011748.D

Acq: 07 Aug 2019 13:57

Instrument :

MSVOA_W

ClientSampled :

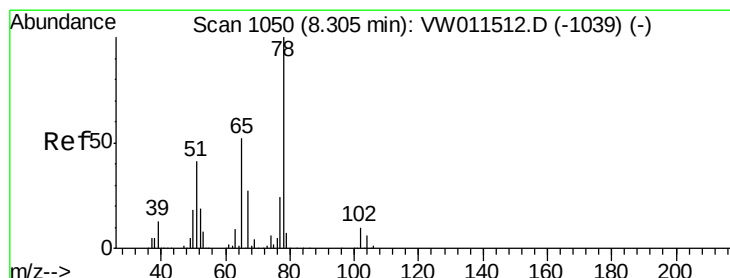
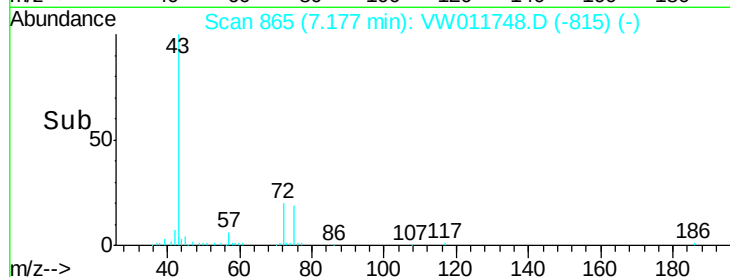
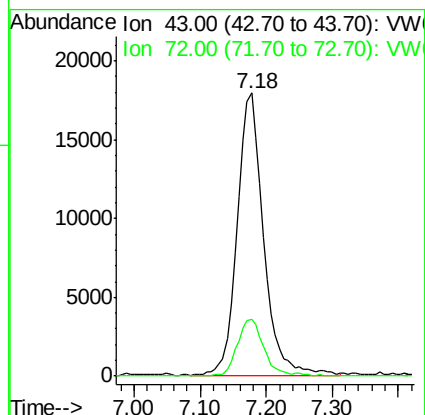
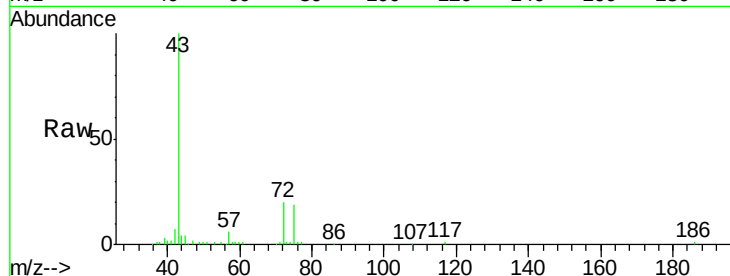
T-2A

Tot Ion: 43 Resp: 50158

Ion Ratio Lower Upper

43 100

72 20.3 16.6 24.8



#33

1,2-Dichloroethane-d4

Concen: 55.245 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011748.D

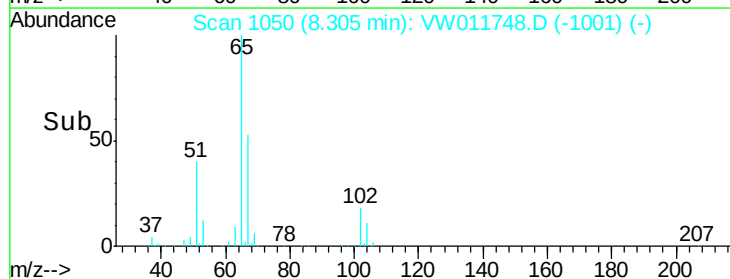
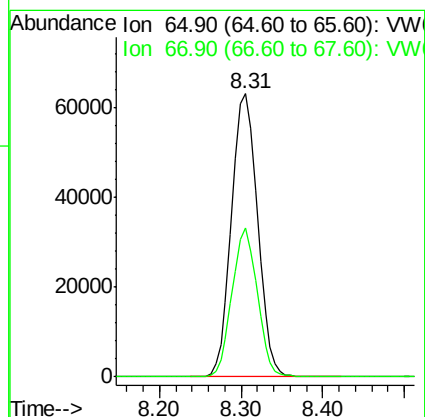
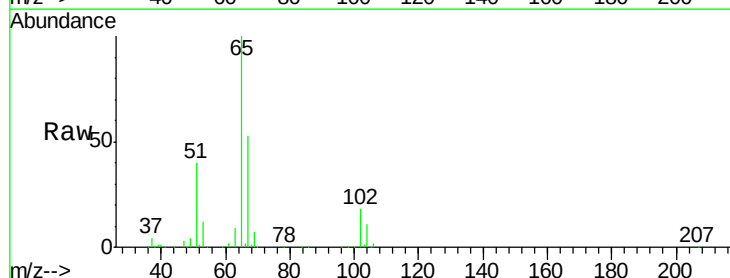
Acq: 07 Aug 2019 13:57

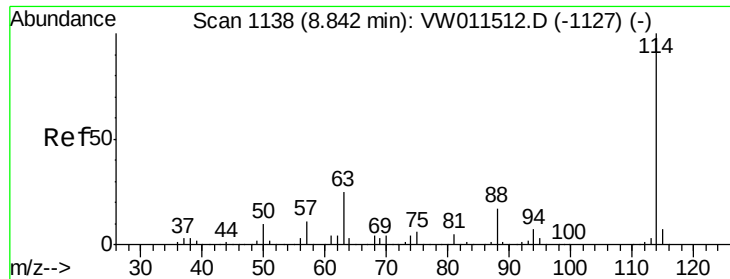
Tgt Ion: 65 Resp: 139512

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.2

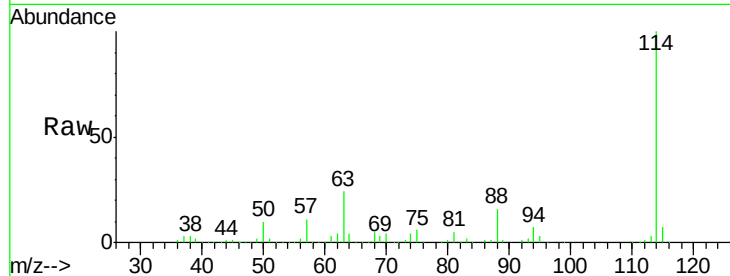




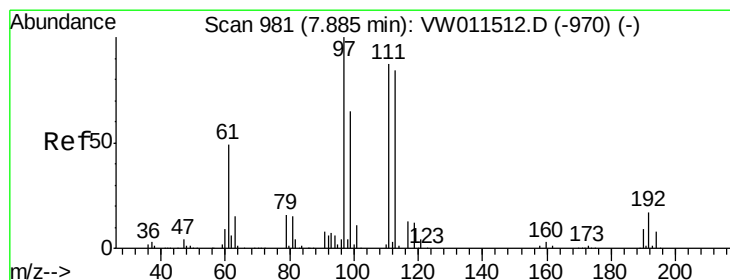
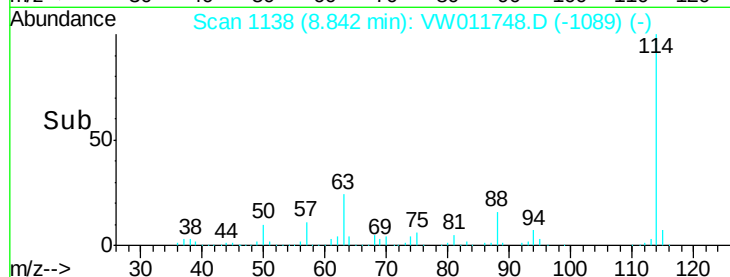
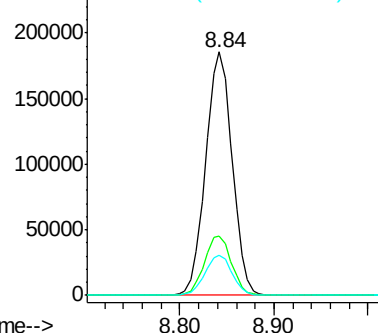
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011748.D
 Acq: 07 Aug 2019 13:57

Instrument :
 MSVOA_W
 ClientSampled :
 T-2A

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	16.4	0.0	33.8

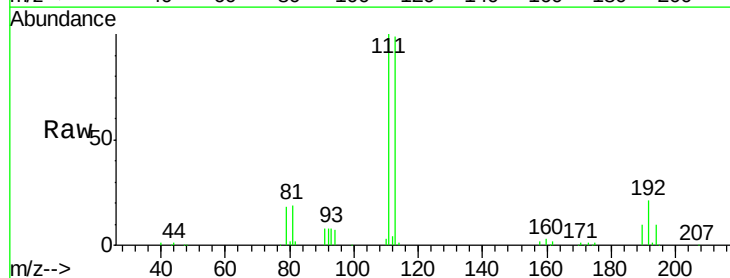


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

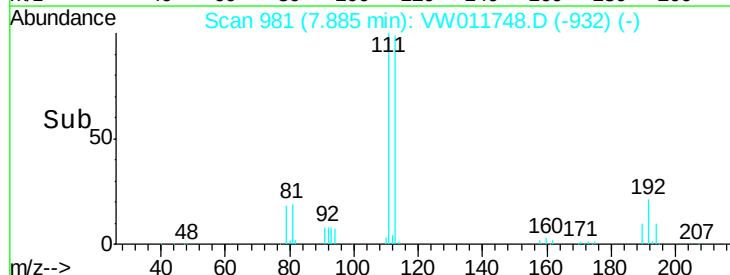
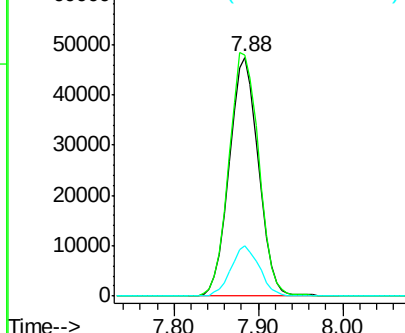


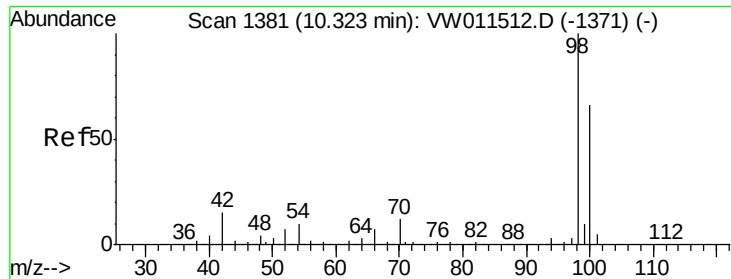
#35
 Dibromofluoromethane
 Concen: 54.471 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011748.D
 Acq: 07 Aug 2019 13:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.7	124.1
192	20.4	16.1	24.1



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

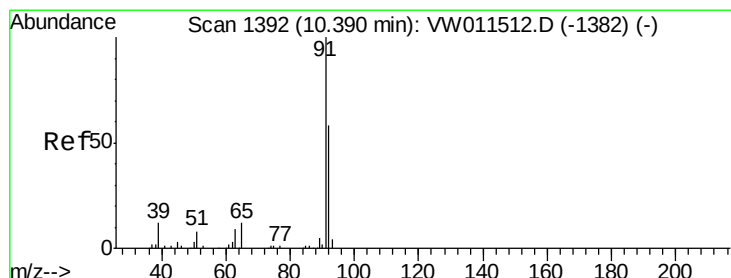
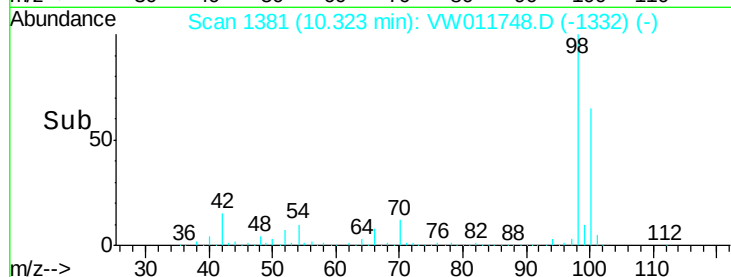
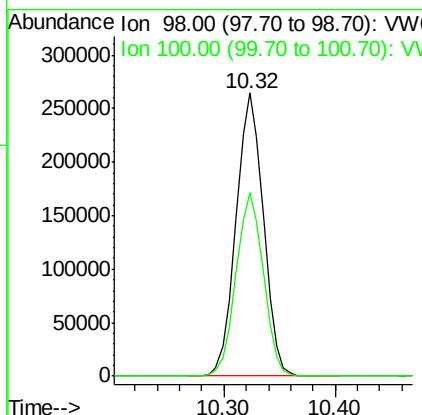
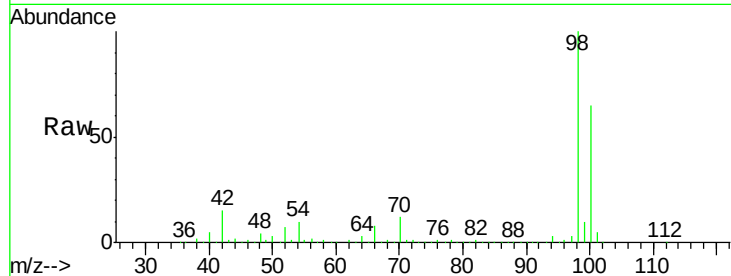




#50
Toluene-d8
Concen: 53.806 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011748.D
Acq: 07 Aug 2019 13:57

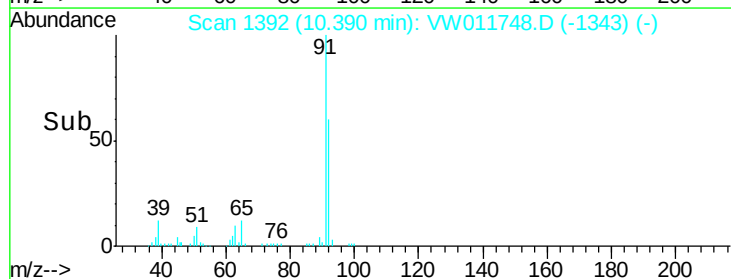
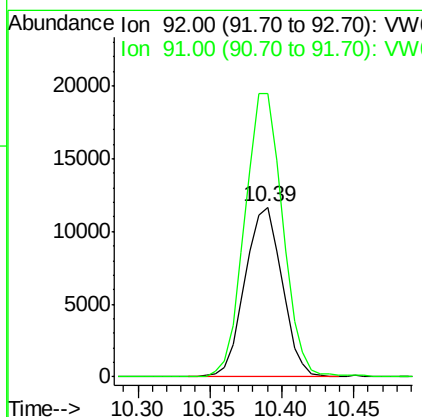
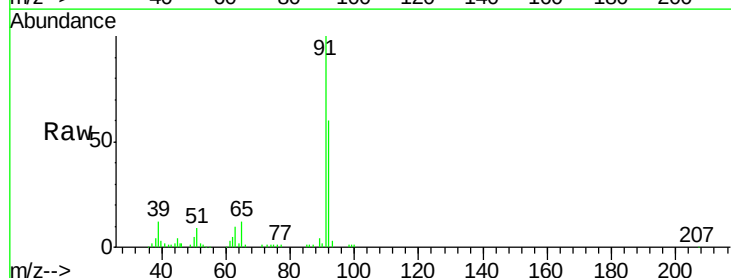
Instrument :
MSVOA_W
ClientSampleId :
T-2A

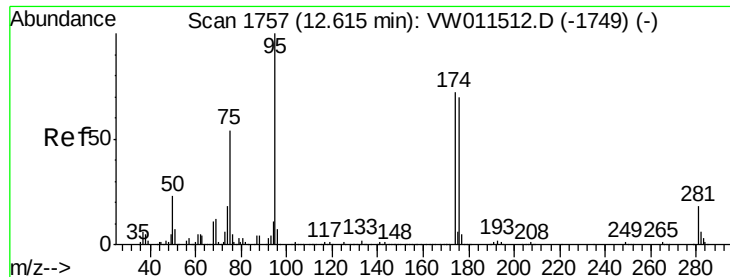
Tot Ion: 98 Resp: 449641
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#52
Toluene
Concen: 3.269 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW011748.D
Acq: 07 Aug 2019 13:57

Tgt Ion: 92 Resp: 20916
Ion Ratio Lower Upper
92 100
91 169.6 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 48.063 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011748.D

Acq: 07 Aug 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

T-2A

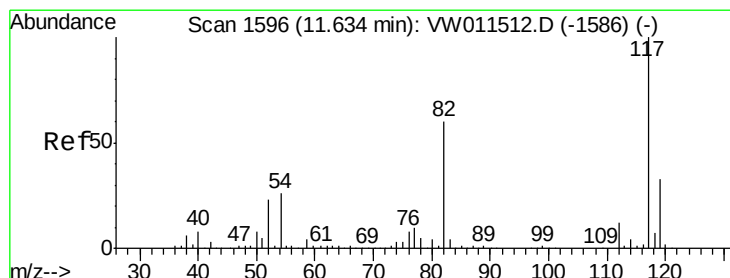
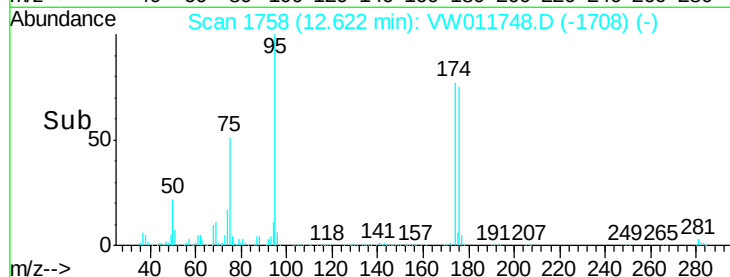
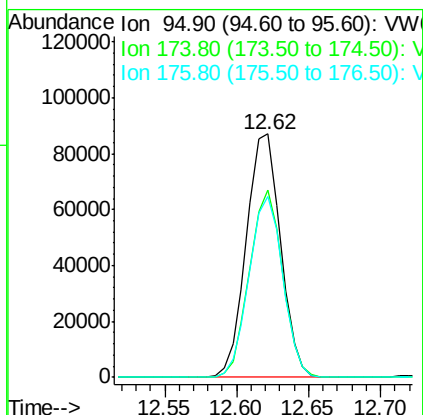
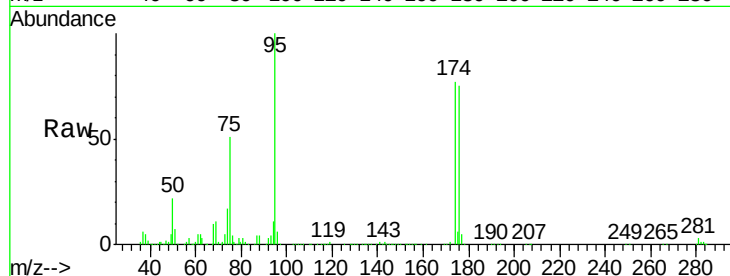
Tot Ion: 95 Resp: 143195

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.2

176 73.1 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW011748.D

Acq: 07 Aug 2019 13:57

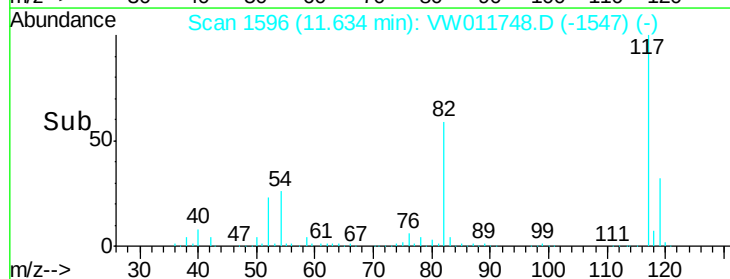
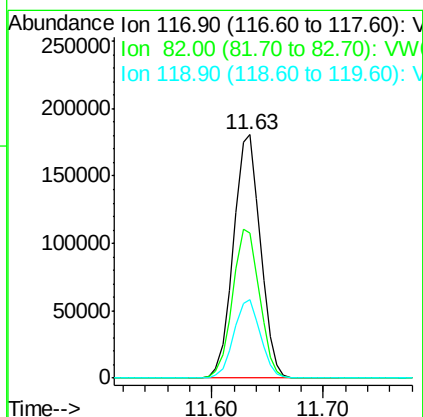
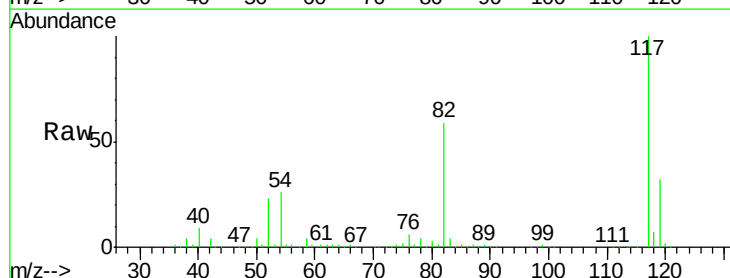
Tgt Ion: 117 Resp: 302917

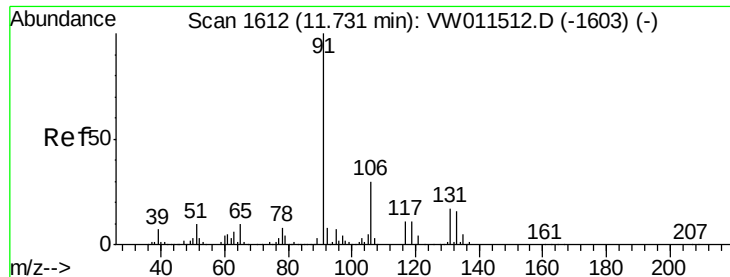
Ion Ratio Lower Upper

117 100

82 59.5 47.9 71.9

119 32.0 26.2 39.2





#67

Ethyl Benzene

Concen: 1.415 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW011748.D

Acq: 07 Aug 2019 13:57

Instrument :

MSVOA_W

ClientSampled :

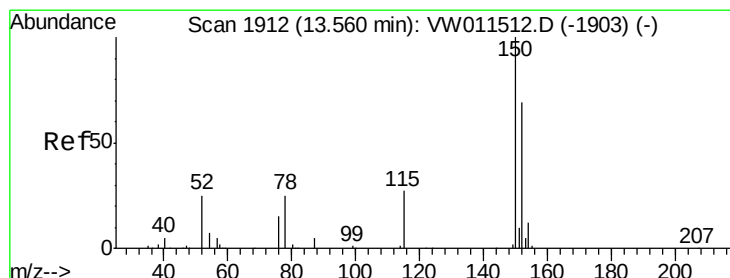
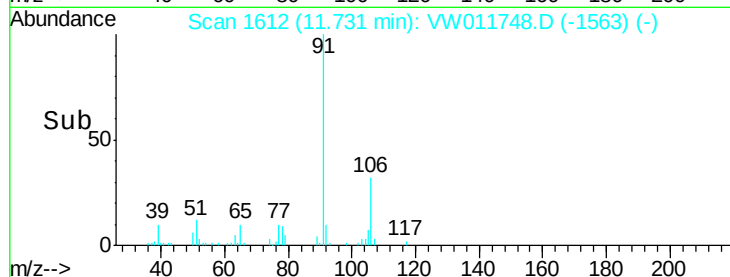
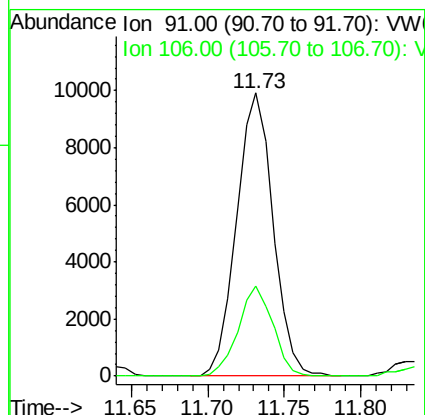
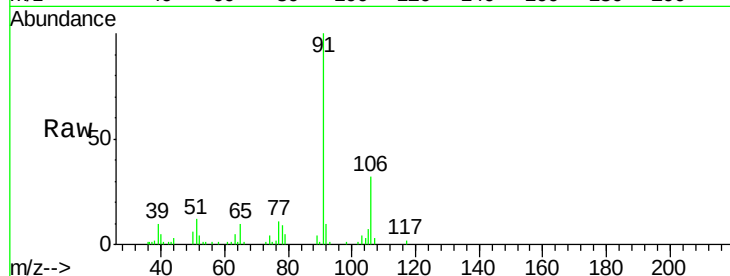
T-2A

Tot Ion: 91 Resp: 16409

Ion Ratio Lower Upper

91 100

106 32.1 23.8 35.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011748.D

Acq: 07 Aug 2019 13:57

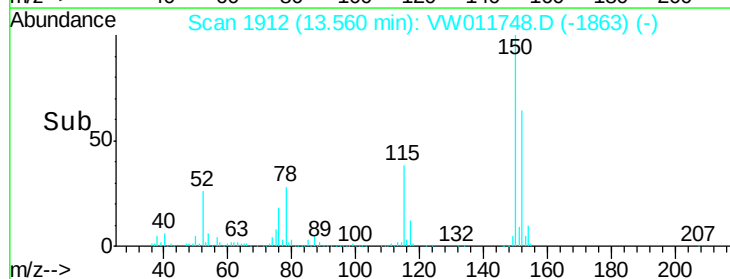
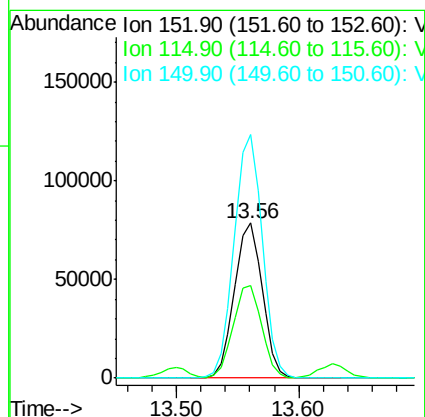
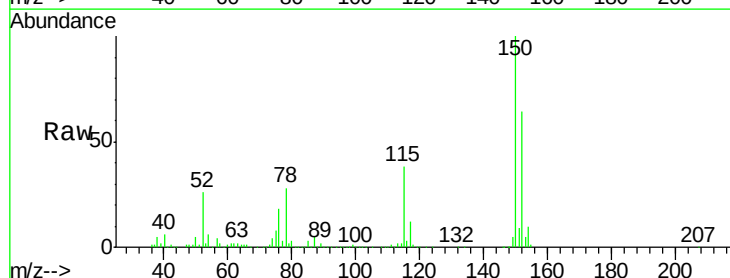
Tgt Ion: 152 Resp: 124248

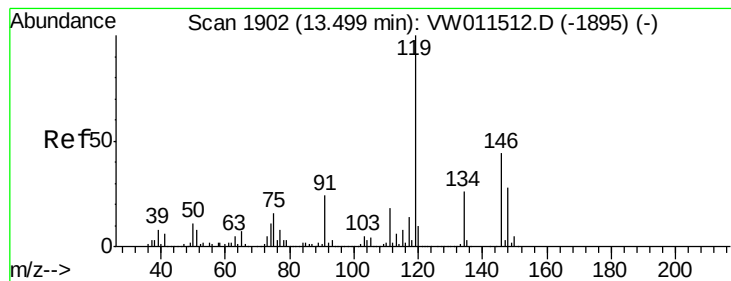
Ion Ratio Lower Upper

152 100

115 60.8 30.5 91.5

150 158.2 0.0 352.6





#86

p-Isopropyltoluene

Concen: 12.171 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011748.D

Acq: 07 Aug 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

T-2A

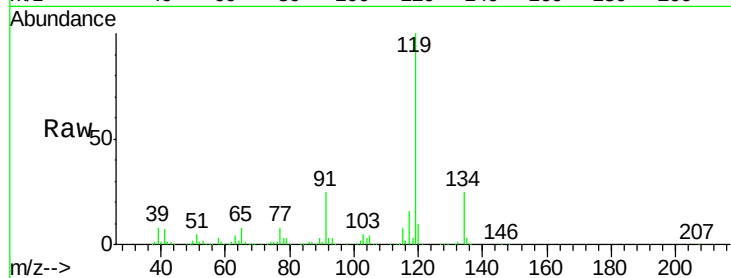
Tot Ion:119 Resp: 102380

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 26.8 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW

