

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012002.D
 Acq On : 19 Aug 2019 20:54
 Operator : SY/VA
 Sample : K4391-07
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-CORNER-1

Quant Time: Aug 20 05:58:50 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

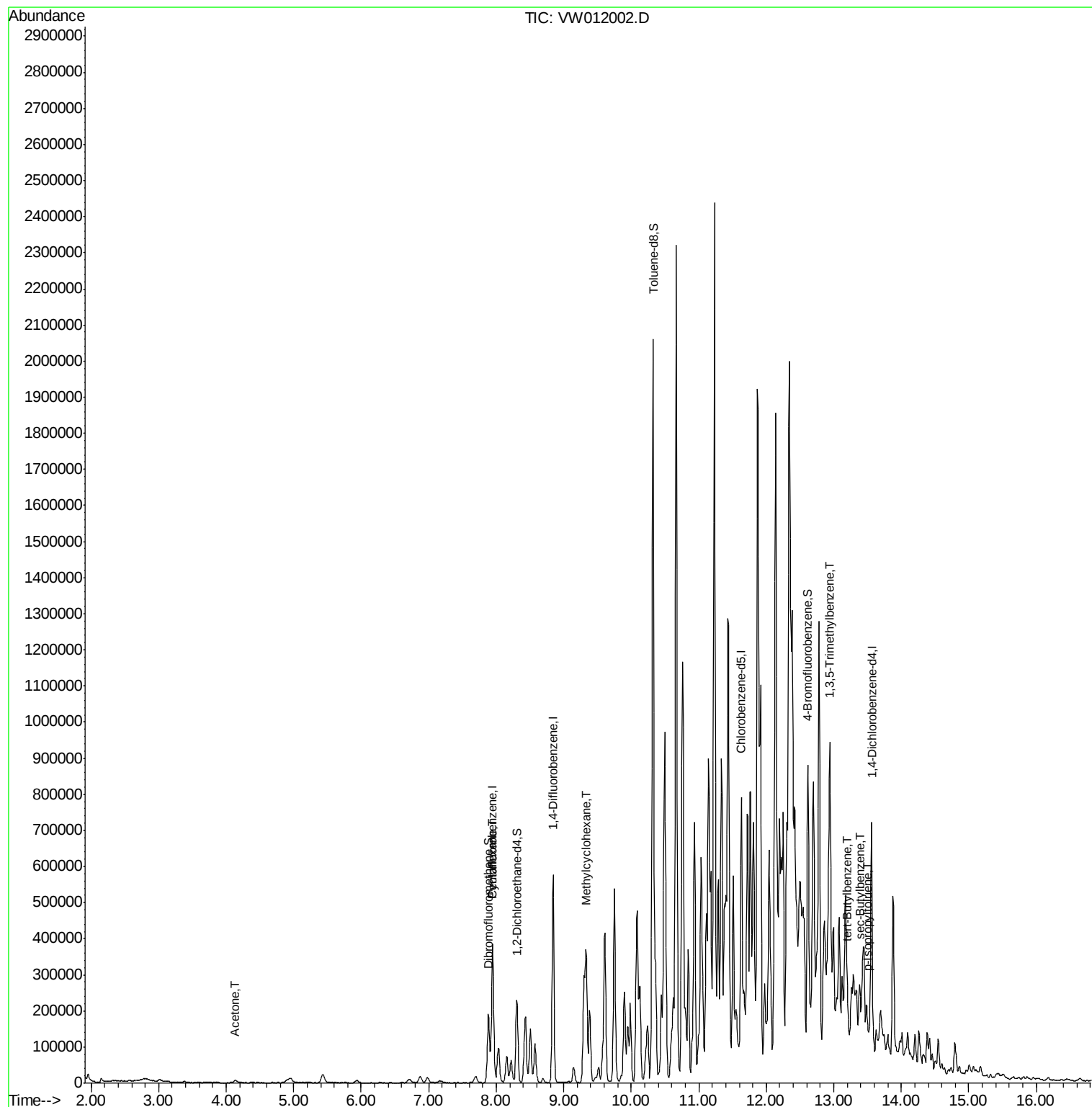
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	180917	59.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.58%	
35) Dibromofluoromethane	7.88	113	136108	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.32	98	590061	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
62) 4-Bromofluorobenzene	12.62	95	218990	59.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.22%	
Target Compounds						
16) Acetone	4.14	43	14889	15.339	ug/l	92
31) Cyclohexane	7.95	56	22275	3.904	ug/l #	56
39) Methylcyclohexane	9.34	83	133312	25.953	ug/l	88
80) 1,3,5-Trimethylbenzene	12.94	105	54391	5.254	ug/l	100
83) tert-Butylbenzene	13.21	119	9643	1.114	ug/l	75
85) sec-Butylbenzene	13.38	105	30870	2.499	ug/l #	66
86) p-Isopropyltoluene	13.50	119	14964	1.335	ug/l	93

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012002.D

Acq: 19 Aug 2019 20:54

Instrument :

MSVOA_W

ClientSampleId :

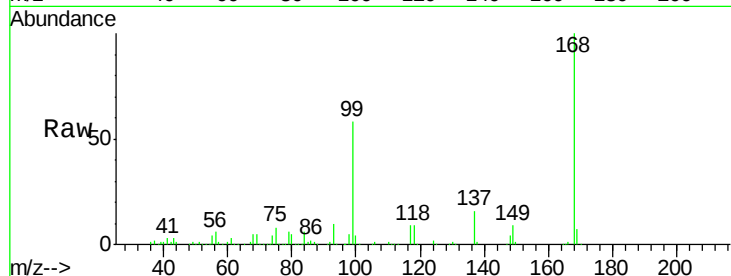
S-CORNER-1

Tot Ion:168 Resp: 265747

Ion Ratio Lower Upper

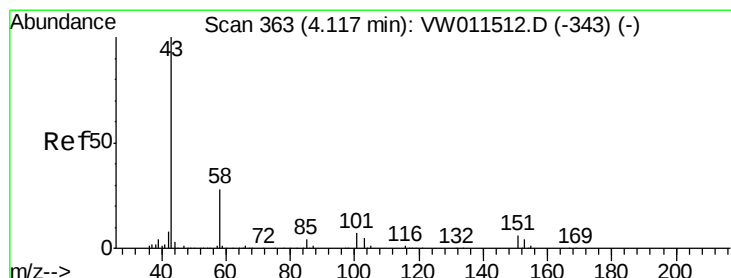
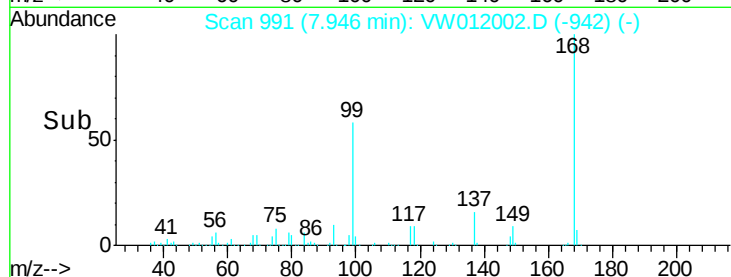
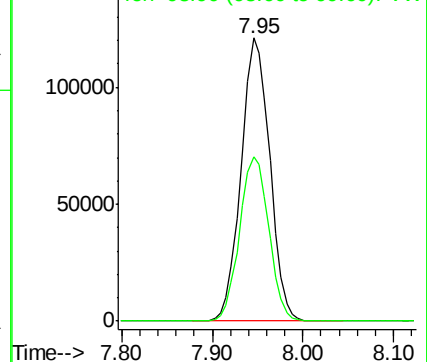
168 100

99 58.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 15.339 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012002.D

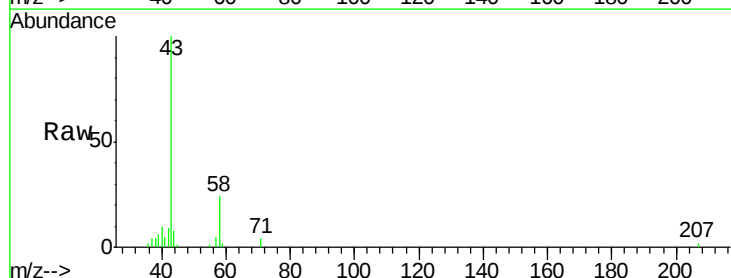
Acq: 19 Aug 2019 20:54

Tgt Ion: 43 Resp: 14889

Ion Ratio Lower Upper

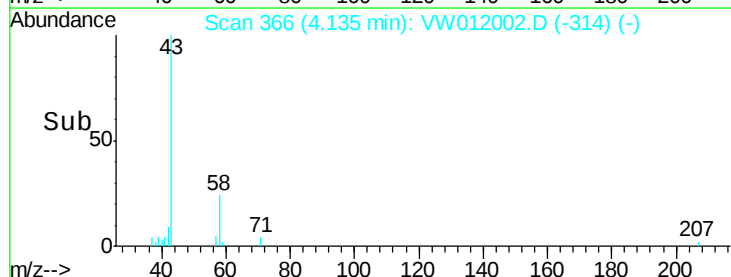
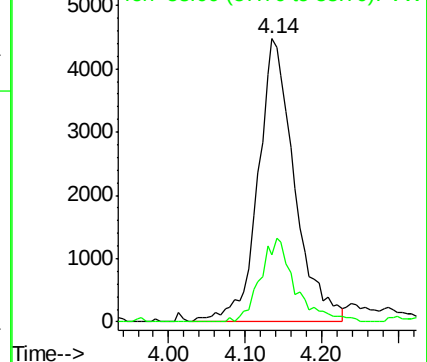
43 100

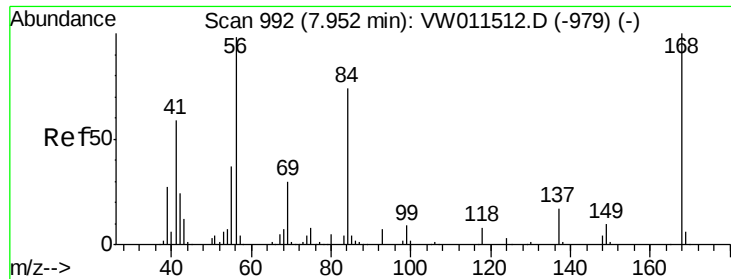
58 23.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

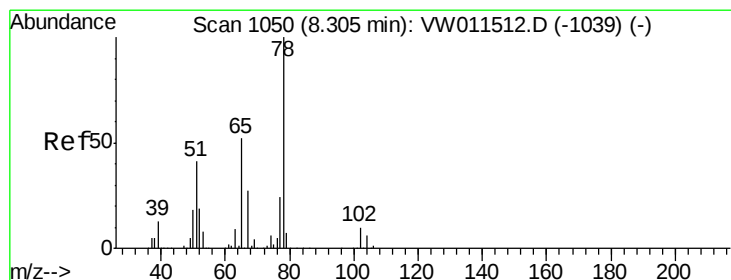
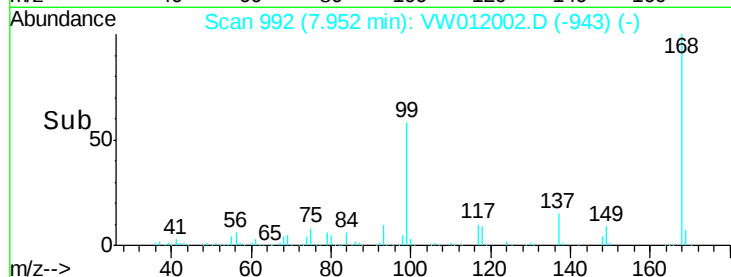
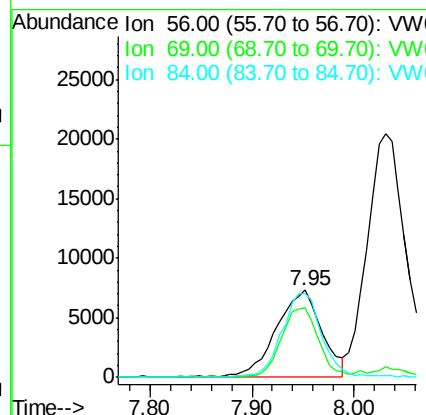
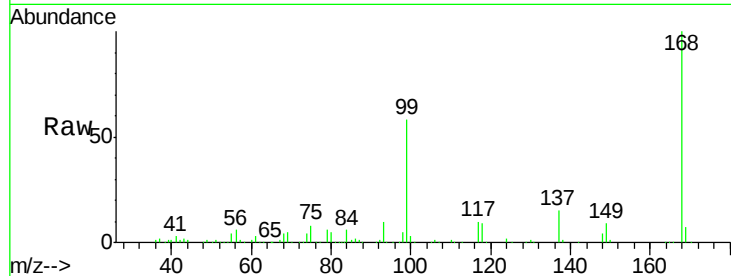




#31
Cyclohexane
Concen: 3.904 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW012002.D
Acq: 19 Aug 2019 20:54

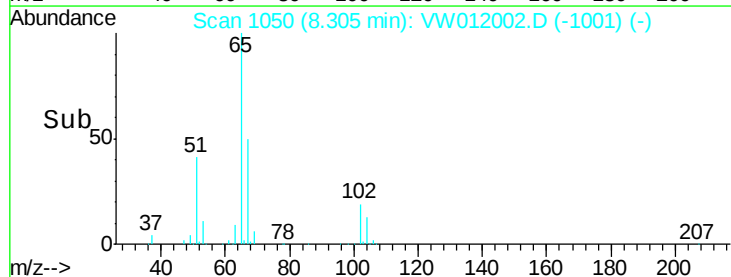
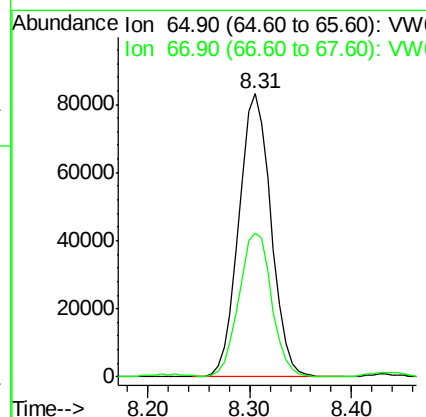
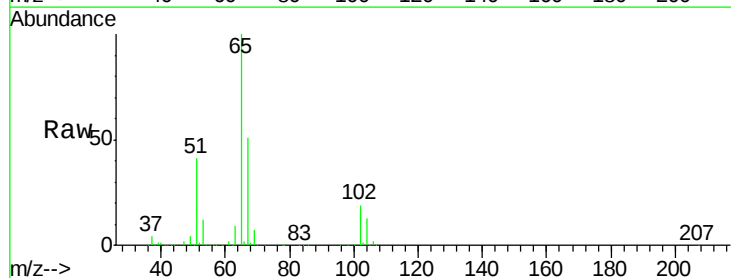
Instrument :
MSVOA_W
ClientSampled :
S-CORNER-1

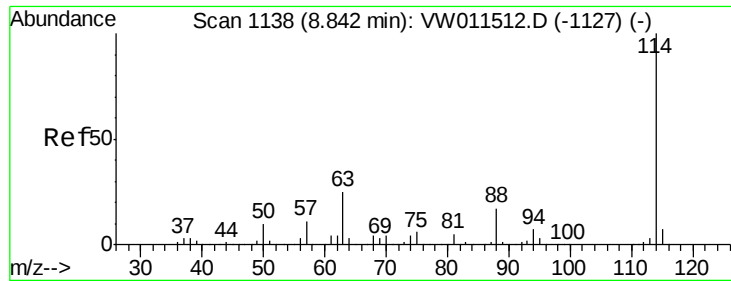
Tot Ion: 56 Resp: 22275
Ion Ratio Lower Upper
56 100
69 78.8 24.3 36.5#
84 97.1 60.4 90.6#



#33
1,2-Dichloroethane-d4
Concen: 59.288 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012002.D
Acq: 19 Aug 2019 20:54

Tgt Ion: 65 Resp: 180917
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

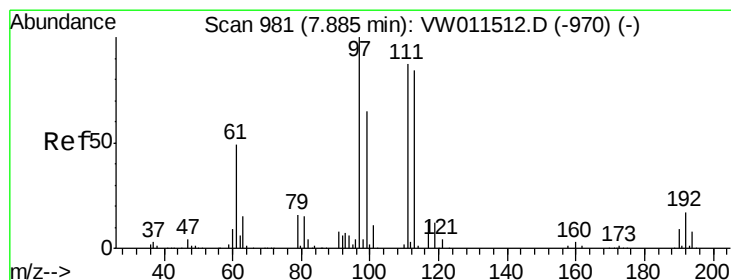
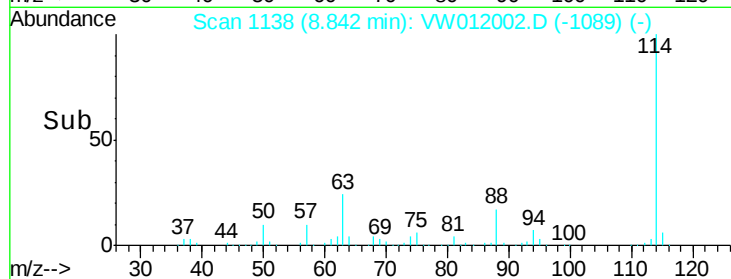
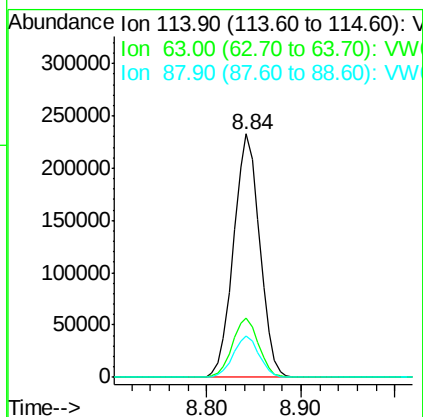
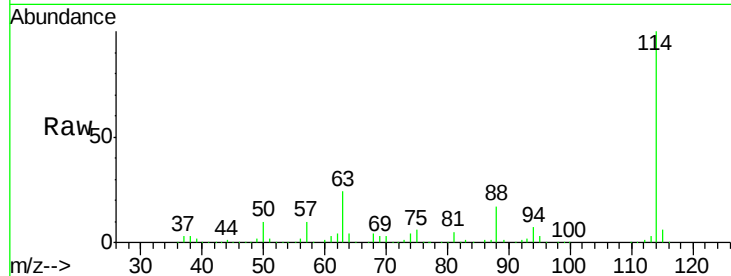




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012002.D
 Acq: 19 Aug 2019 20:54

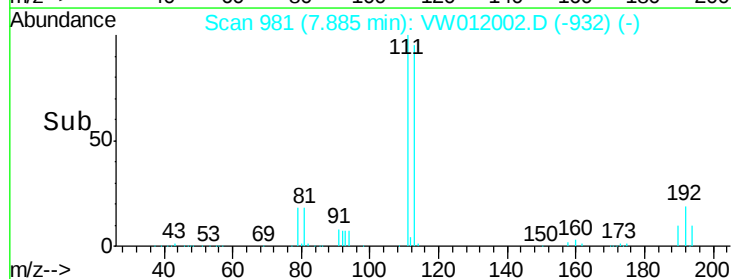
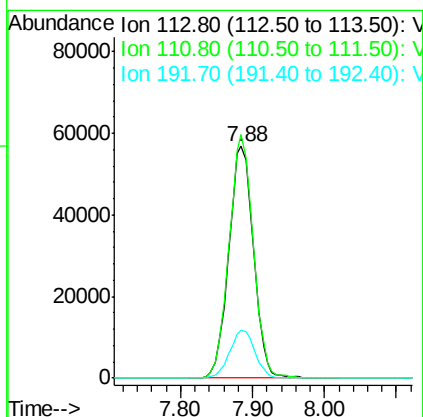
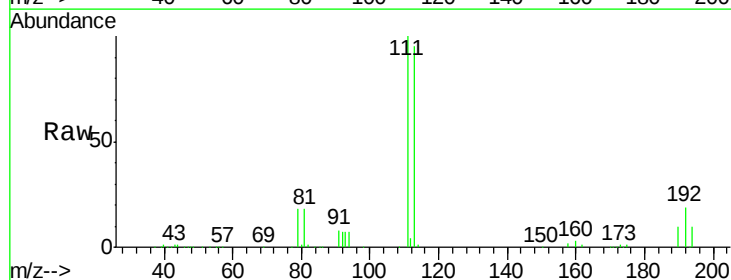
Instrument :
 MSVOA_W
 ClientSampleId :
 S-CORNER-1

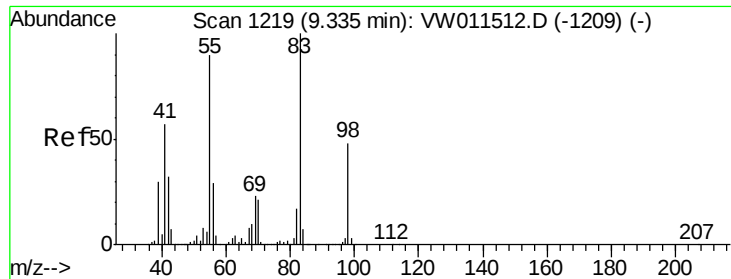
Tot Ion:114 Resp: 448640
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 17.2 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 54.077 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012002.D
 Acq: 19 Aug 2019 20:54

Tgt Ion:113 Resp: 136108
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.7 124.1
 192 20.8 16.1 24.1

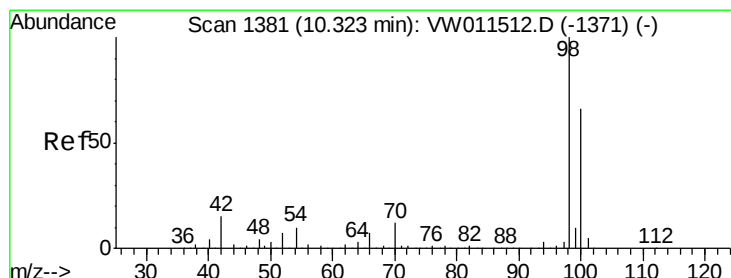
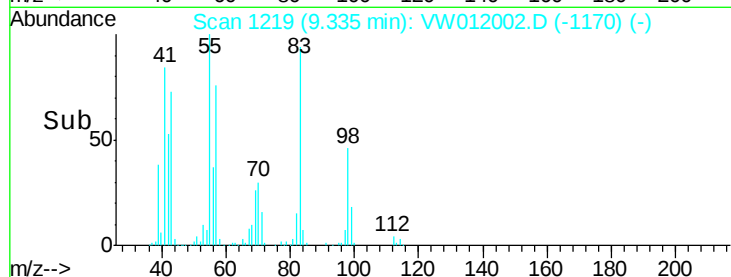
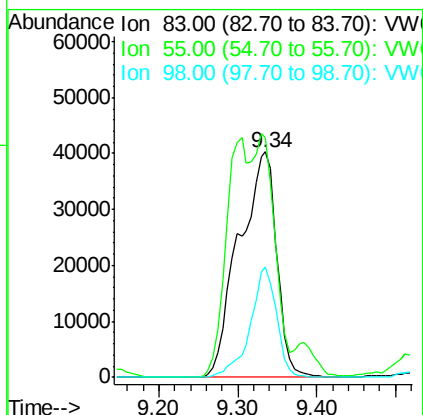
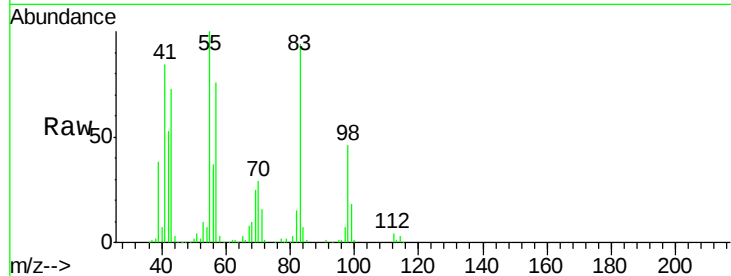




#39
Methylcyclohexane
Concen: 25.953 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012002.D
Acq: 19 Aug 2019 20:54

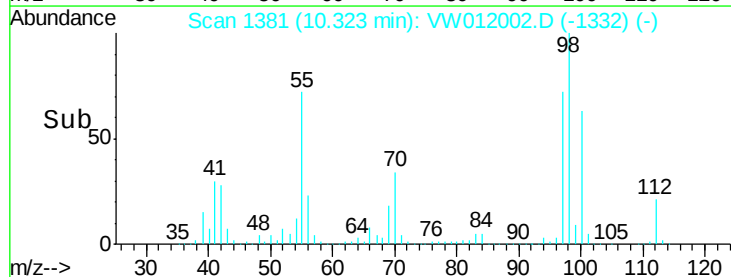
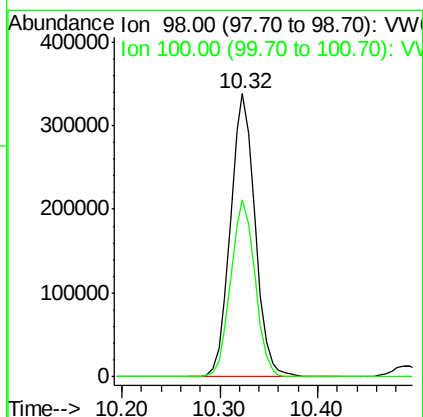
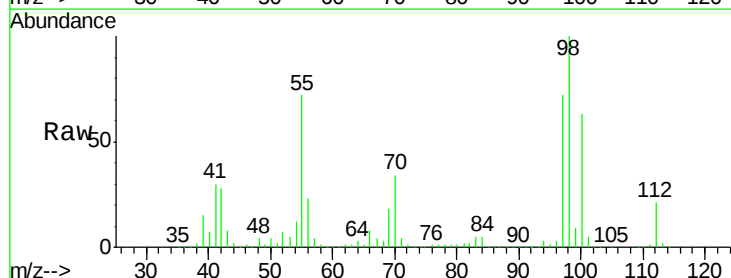
Instrument :
MSVOA_W
ClientSampled :
S-CORNER-1

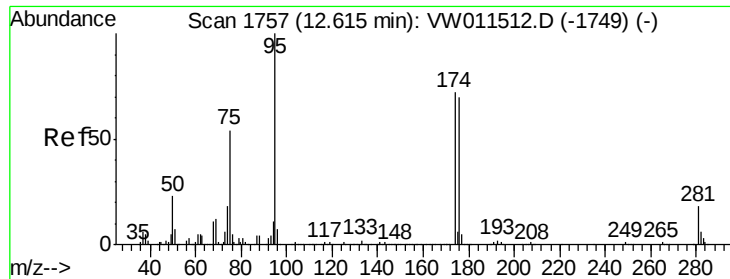
Tot Ion: 83 Resp: 133312
Ion Ratio Lower Upper
83 100
55 106.2 72.1 108.1
98 49.0 38.6 57.8



#50
Toluene-d8
Concen: 57.259 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012002.D
Acq: 19 Aug 2019 20:54

Tgt Ion: 98 Resp: 590061
Ion Ratio Lower Upper
98 100
100 61.6 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 59.606 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012002.D

Acq: 19 Aug 2019 20:54

Instrument :

MSVOA_W

ClientSampleId :

S-CORNER-1

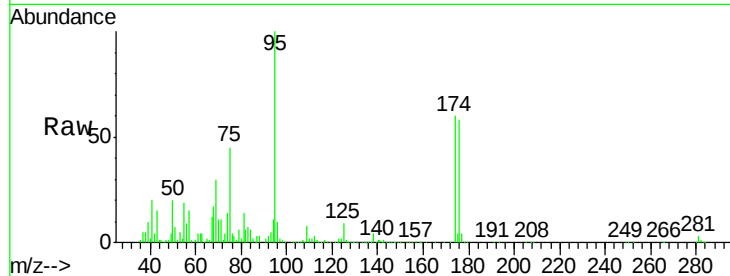
Tot Ion: 95 Resp: 218990

Ion Ratio Lower Upper

95 100

174 63.0 0.0 150.2

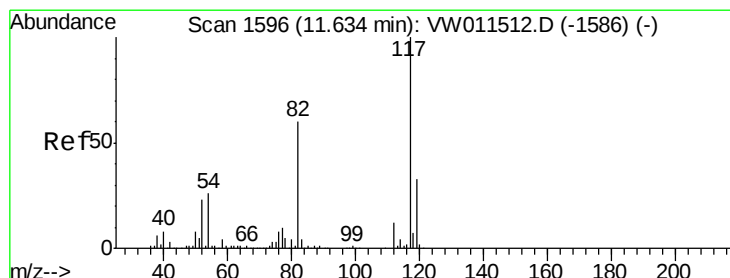
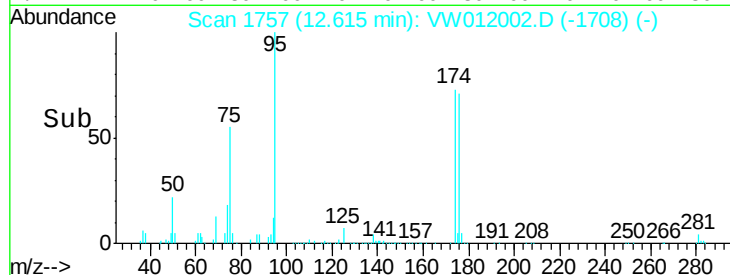
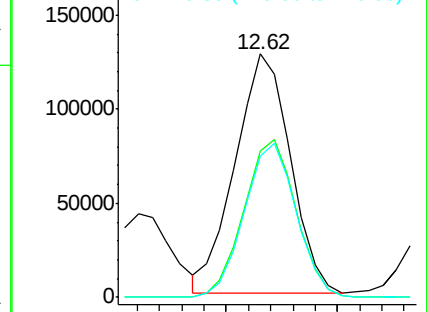
176 60.8 0.0 144.4



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# 1596

Delta R.T. 0.00 min

Lab File: VW012002.D

Acq: 19 Aug 2019 20:54

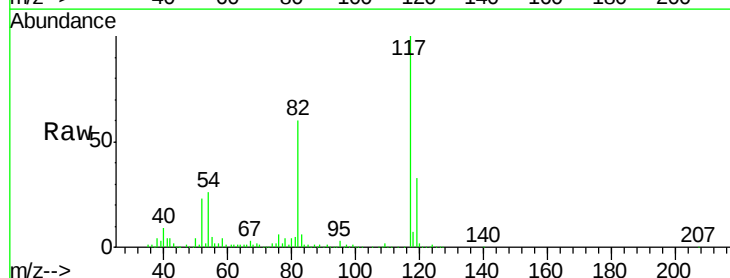
Tgt Ion: 117 Resp: 371014

Ion Ratio Lower Upper

117 100

82 55.4 47.9 71.9

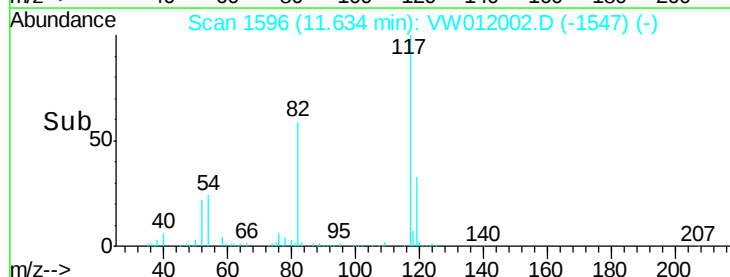
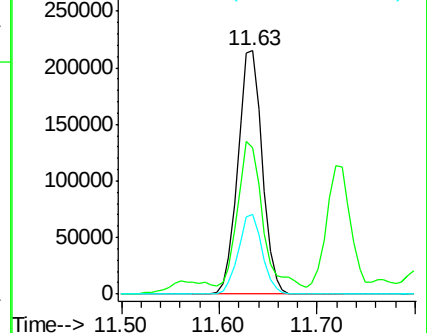
119 32.9 26.2 39.2

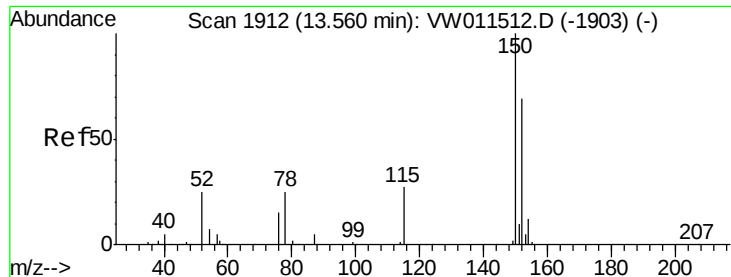


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012002.D

Acq: 19 Aug 2019 20:54

Instrument :

MSVOA_W

ClientSampled :

S-CORNER-1

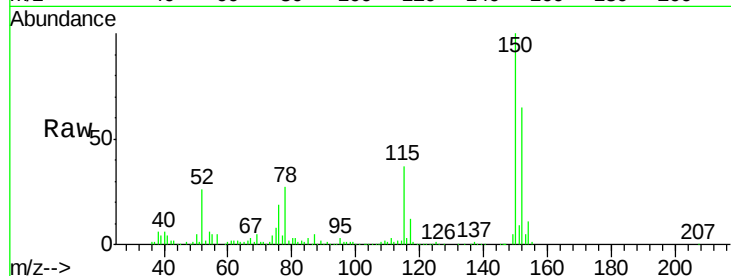
Tot Ion:152 Resp: 165536

Ion Ratio Lower Upper

152 100

115 57.9 30.5 91.5

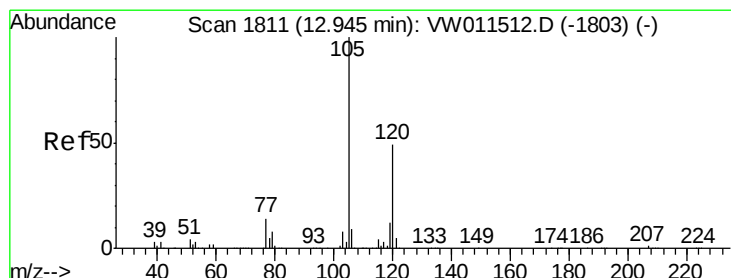
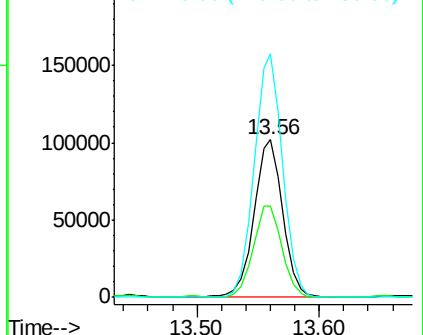
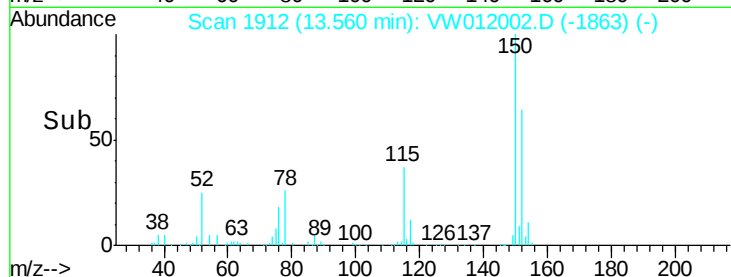
150 153.1 0.0 352.6



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



#80

1,3,5-Trimethylbenzene

Concen: 5.254 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012002.D

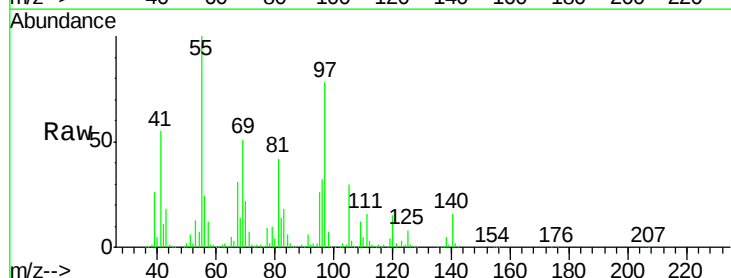
Acq: 19 Aug 2019 20:54

Tgt Ion:105 Resp: 54391

Ion Ratio Lower Upper

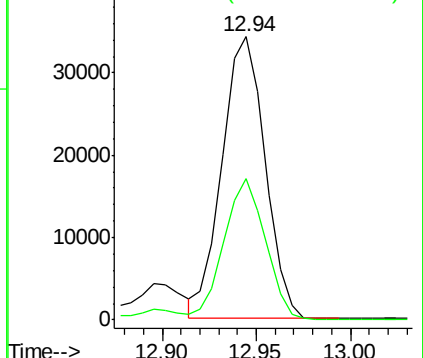
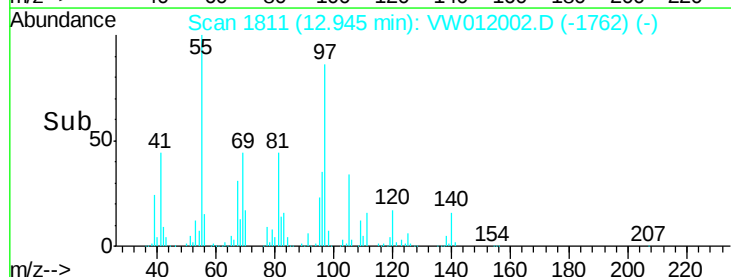
105 100

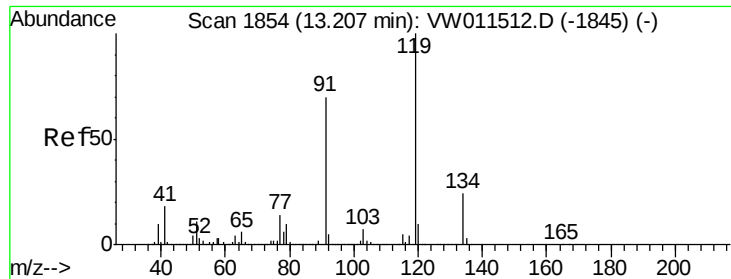
120 48.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

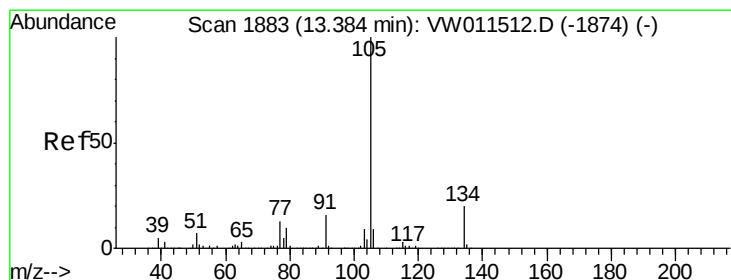
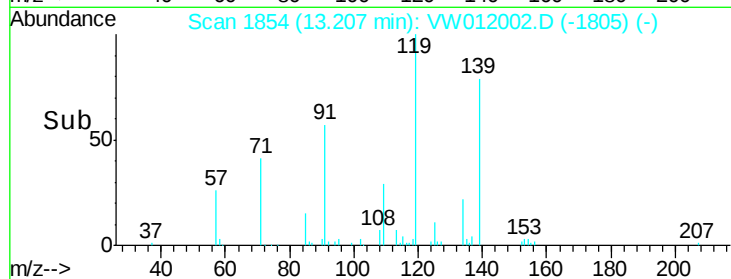
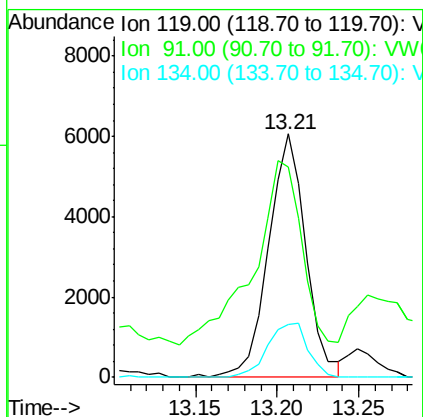
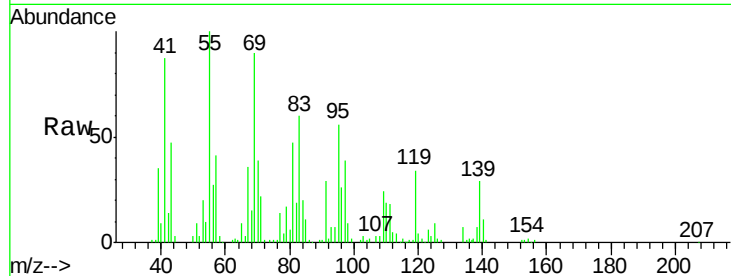




#83
tert-Butylbenzene
Concen: 1.114 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012002.D
Acq: 19 Aug 2019 20:54

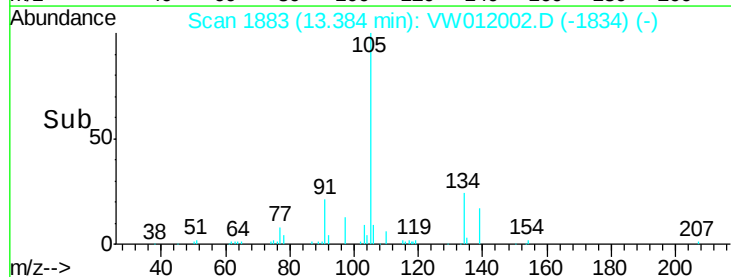
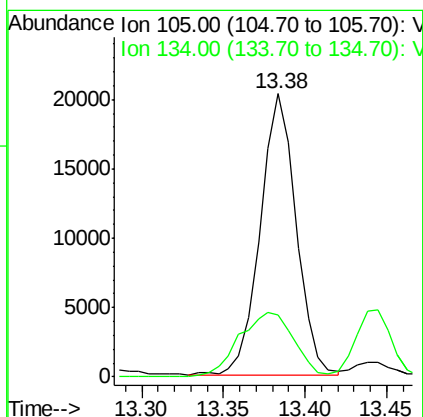
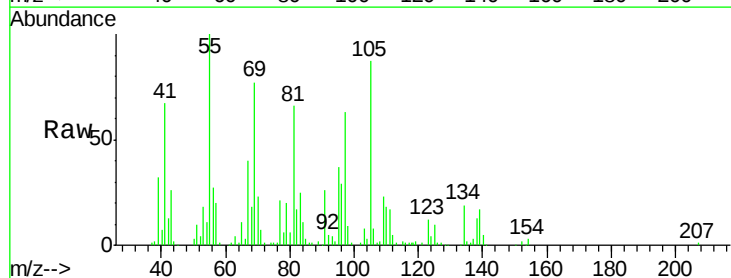
Instrument :
MSVOA_W
ClientSampleId :
S-CORNER-1

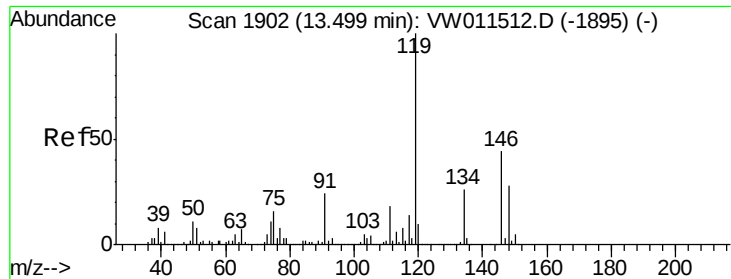
Tot Ion:119 Resp: 9643
Ion Ratio Lower Upper
119 100
91 96.0 34.5 103.6
134 23.9 12.4 37.4



#85
sec-Butylbenzene
Concen: 2.499 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VW012002.D
Acq: 19 Aug 2019 20:54

Tgt Ion:105 Resp: 30870
Ion Ratio Lower Upper
105 100
134 34.9 9.7 29.1#





#86
 p-Isopropyltoluene
 Concen: 1.335 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012002.D
 Acq: 19 Aug 2019 20:54

Instrument :
 MSVOA_W
 ClientSampleId :
 S-CORNER-1

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.8	38.4
91	30.5	12.1	36.3

