

Data File : VW010945.D
Acq On : 24 Jun 2019 22:10
Operator : SY/VA
Sample : K3456-13
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANT7

Quant Time: Jun 25 02:50:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	199219	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220793	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97654	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	26808	10.38	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.52%
7) Chloroethane-d5	2.89	69	30947	15.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.20%
10) 1,1-Dichloroethene-d2	4.02	63	56797	9.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.24%#
20) 2-Butanone-d5	7.08	46	27036	22.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.58%
24) Chloroform-d	7.65	84	146277	27.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.92%
26) 1,2-Dichloroethane-d4	8.31	65	130845	39.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	157.16%#
29) Benzene-d6	8.27	84	277221	20.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.64%
33) 1,2-Dichloropropane-d6	9.27	67	120551	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.08%
37) Toluene-d8	10.32	98	243296	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.36%
38) trans-1,3-Dichloropropene-	10.58	79	36045	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.40%
39) 2-Hexanone-d5	10.93	63	2333	2.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	4.74%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118466	32.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	106090	28.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.12%

Target Compounds

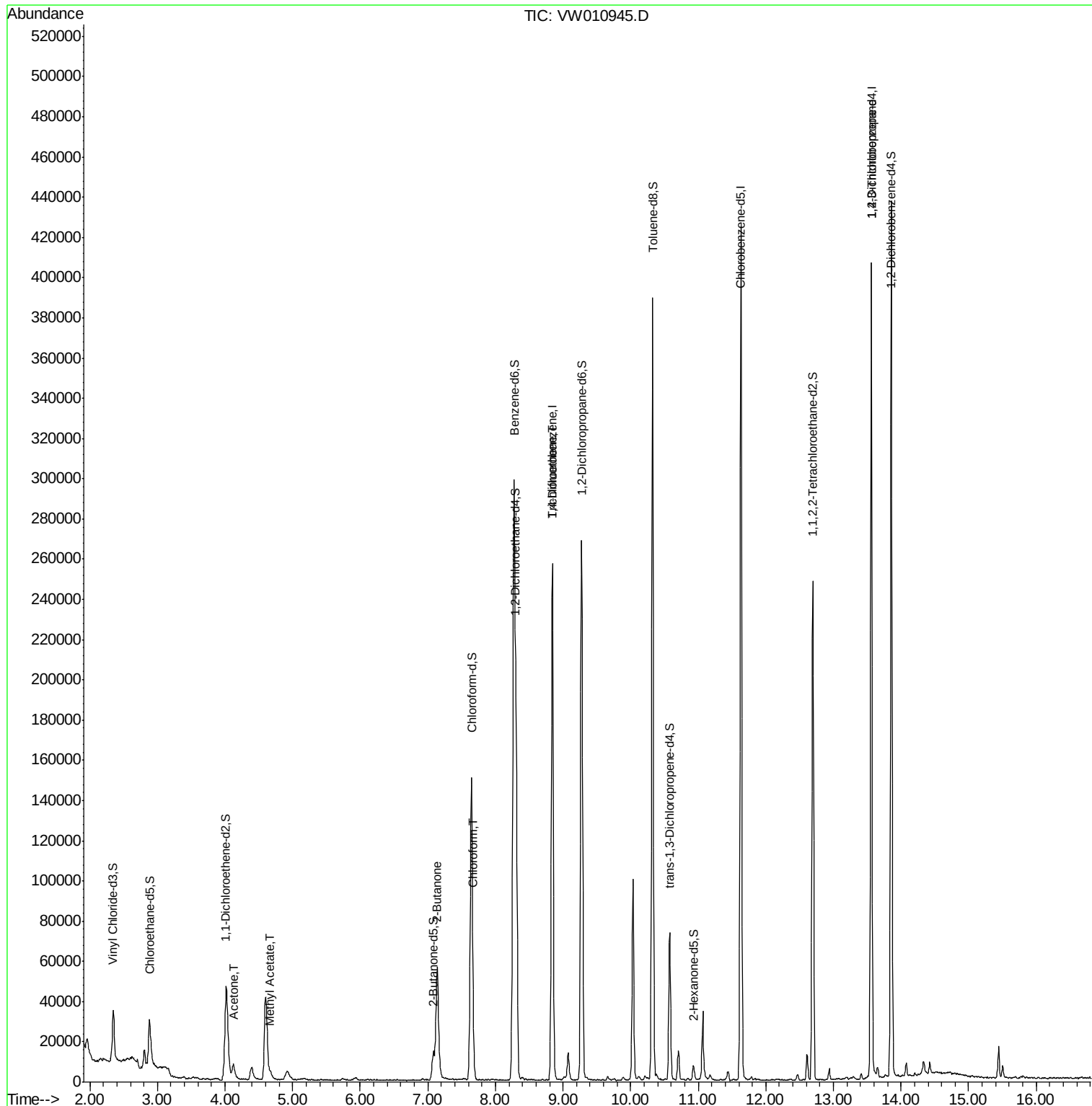
					Qvalue
13) Acetone	4.12	43	12724	10.957 ug/L	99
15) Methyl Acetate	4.67	43	7207	3.585 ug/L #	91
21) 2-Butanone	7.14	43	3061	2.004 ug/L #	61
25) Chloroform	7.67	83	4388	0.835 ug/L #	41
35) Trichloroethene	8.84	95	6433	1.748 ug/L #	7
59) 1,2,3-Trichloropropane	13.56	75	13849	4.984 ug/L	91

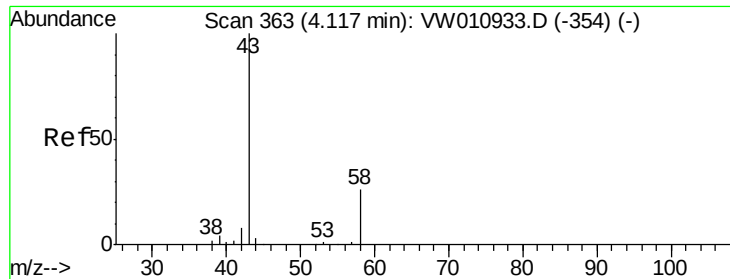
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.957 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

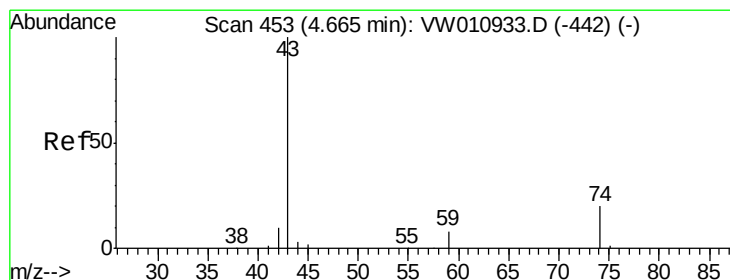
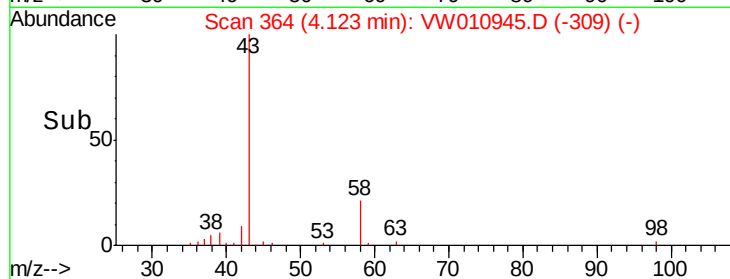
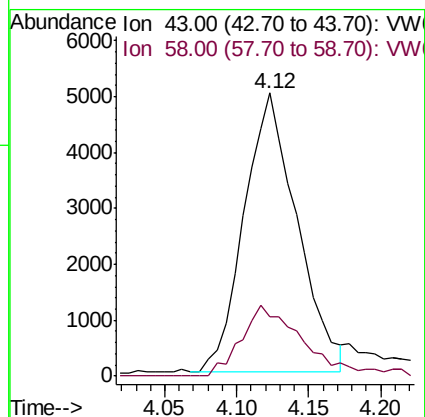
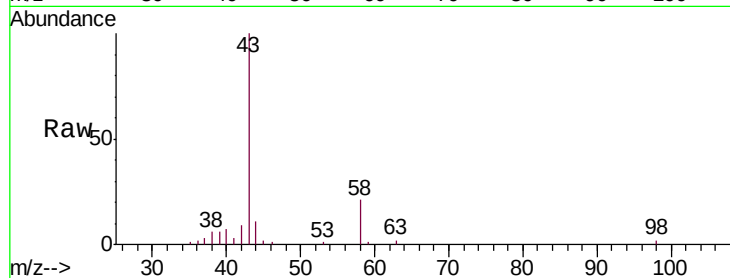
YANT7

Tgt Ion: 43 Resp: 12724

Ion Ratio Lower Upper

43 100

58 27.1 0.0 53.2



#15

Methyl Acetate

Concen: 3.585 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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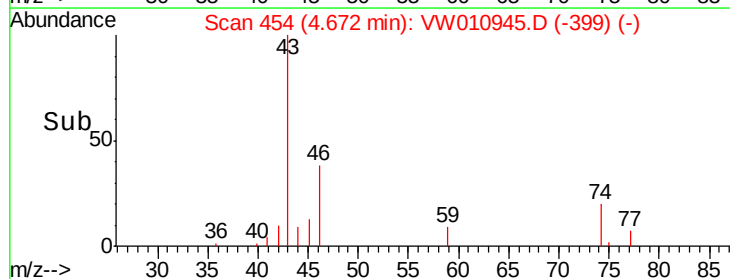
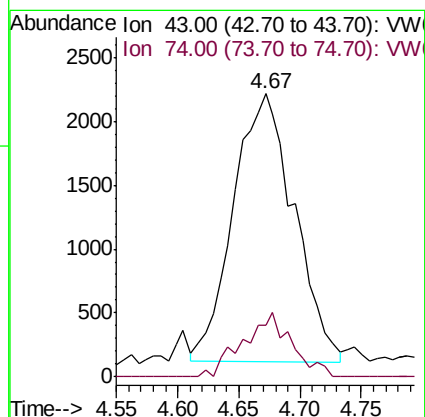
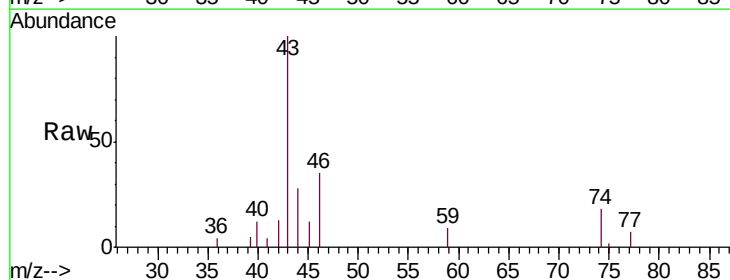
Acq: 24 Jun 2019 22:10

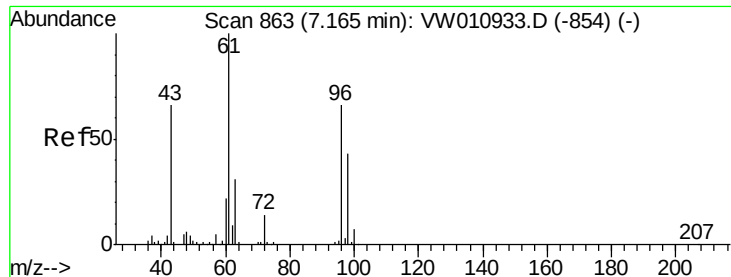
Tgt Ion: 43 Resp: 7207

Ion Ratio Lower Upper

43 100

74 15.1 15.3 22.9#





#21

2-Butanone

Concen: 2.004 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW010945.D

Acq: 24 Jun 2019 22:10

Instrument :

MSVOA_W

ClientSampled :

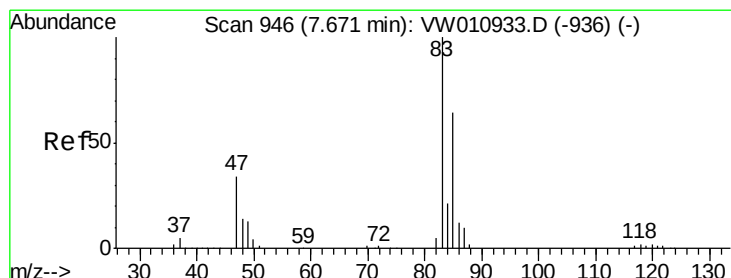
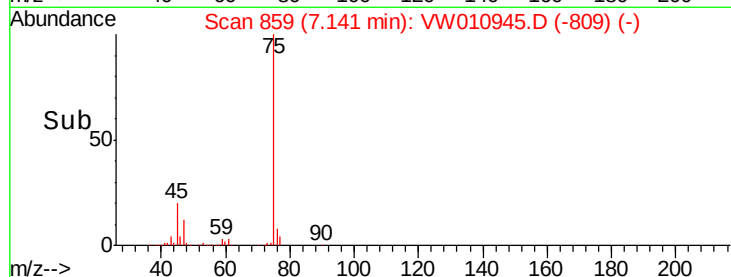
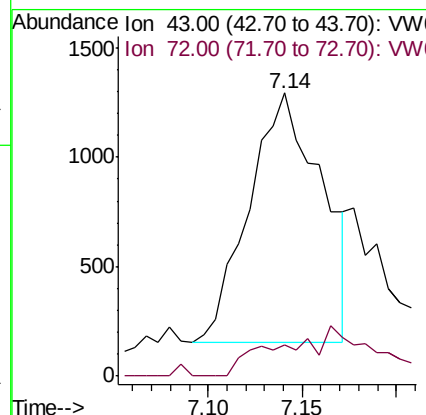
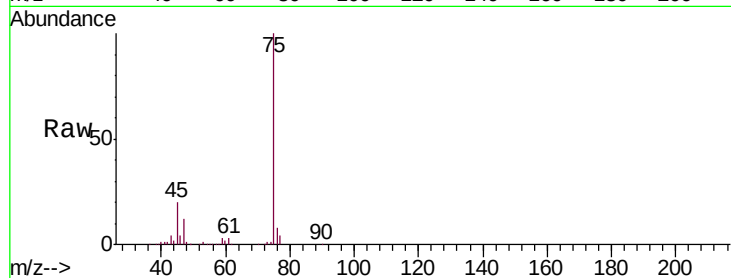
YANT7

Tgt Ion: 43 Resp: 3061

Ion Ratio Lower Upper

43 100

72 3.2 10.9 32.6#



#25

Chloroform

Concen: 0.835 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

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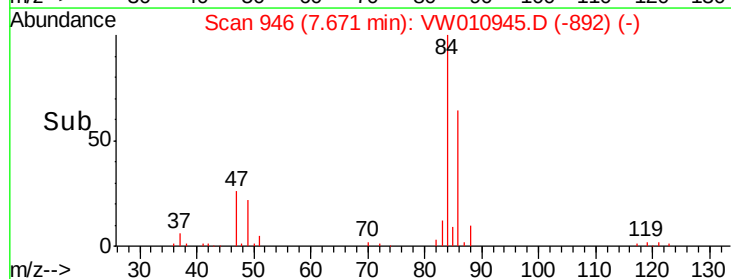
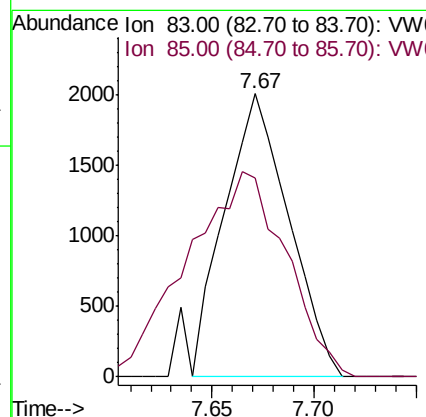
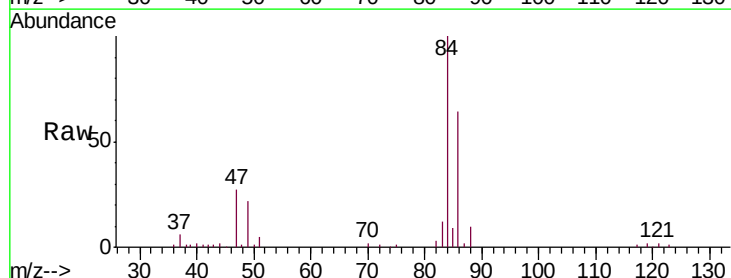
Acq: 24 Jun 2019 22:10

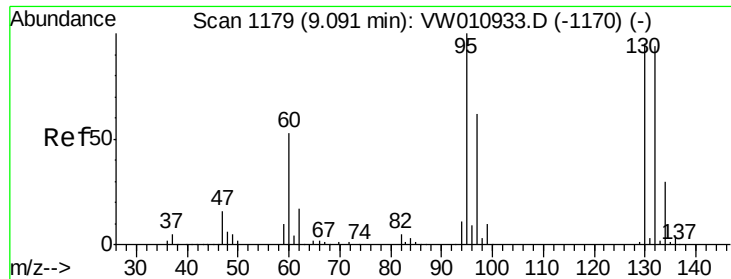
Tgt Ion: 83 Resp: 4388

Ion Ratio Lower Upper

83 100

85 111.8 45.6 84.8#





#35

Trichloroethene

Concen: 1.748 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW010945.D

Acq: 24 Jun 2019 22:10

Instrument :

MSVOA_W

ClientSampleId :

YANT7

Tgt Ion: 95 Resp: 6433

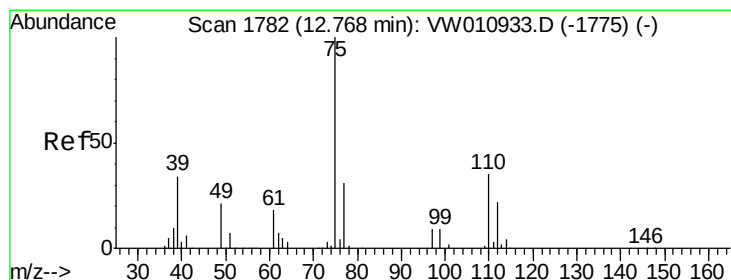
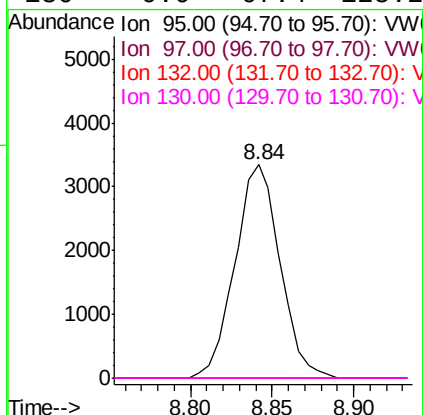
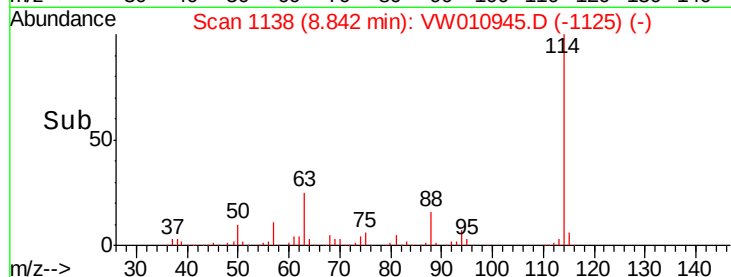
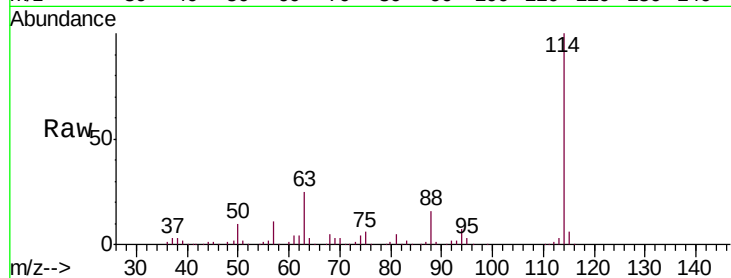
Ion Ratio Lower Upper

95 100

97 0.9 44.9 83.3#

132 1.2 64.0 119.0#

130 0.0 67.4 125.2#



#59

1,2,3-Trichloropropane

Concen: 4.984 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010945.D

Acq: 24 Jun 2019 22:10

Tgt Ion: 75 Resp: 13849

Ion Ratio Lower Upper

75 100

77 36.6 25.2 37.8

