

Data File : VW010950.D
Acq On : 25 Jun 2019 00:25
Operator : SY/VA
Sample : K3456-18
Misc : 5.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANY3

Quant Time: Jun 25 02:51:07 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	95809	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	125501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	59931	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	5842	4.70	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	18.80%#
7) Chloroethane-d5	2.89	69	10100	10.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.20%
10) 1,1-Dichloroethene-d2	4.03	63	14753	5.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	20.12%#
20) 2-Butanone-d5	7.08	46	230	0.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.78%#
24) Chloroform-d	7.65	84	75904	29.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.52%
26) 1,2-Dichloroethane-d4	8.30	65	84018	52.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	209.84%#
29) Benzene-d6	8.27	84	127926	16.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.92%
33) 1,2-Dichloropropane-d6	9.27	67	68592	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.20%
37) Toluene-d8	10.32	98	115125	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.72%
38) trans-1,3-Dichloropropene-	10.58	79	21842	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.28%
39) 2-Hexanone-d5	10.93	63	453	0.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.62%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81865	39.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	159.56%#
61) 1,2-Dichlorobenzene-d4	13.86	152	65237	28.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.36%

Target Compounds

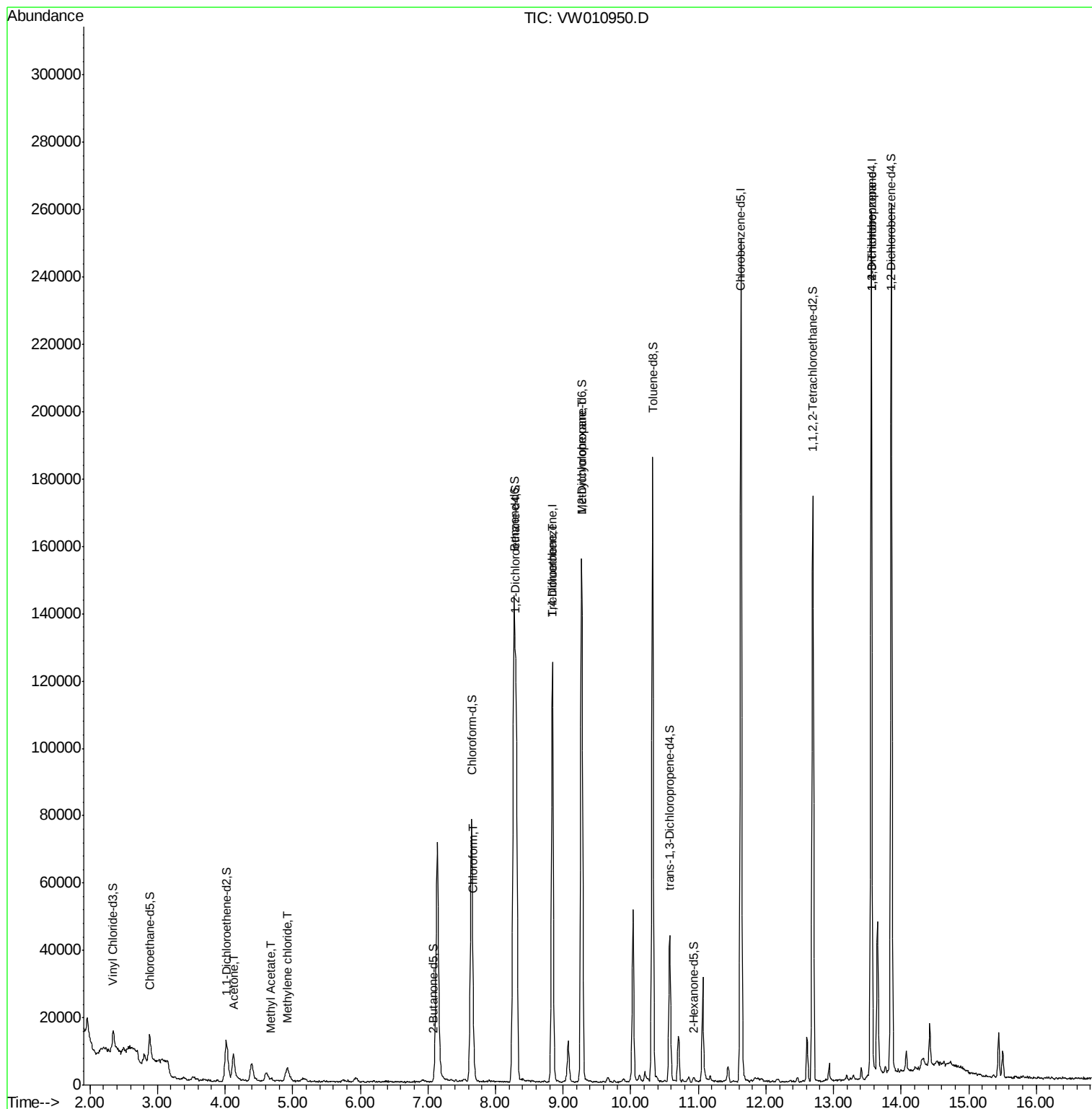
					Qvalue
13) Acetone	4.12	43	15046	26.941	ug/L 99
15) Methyl Acetate	4.67	43	1486	1.537	ug/L # 82
16) Methylene chloride	4.92	84	3060	2.157	ug/L 83
25) Chloroform	7.67	83	4212	1.667	ug/L 76
35) Trichloroethene	8.84	95	3056	1.461	ug/L # 9
36) Methylcyclohexane	9.27	83	16017	4.172	ug/L # 15
59) 1,2,3-Trichloropropane	13.56	75	8881	5.623	ug/L 94

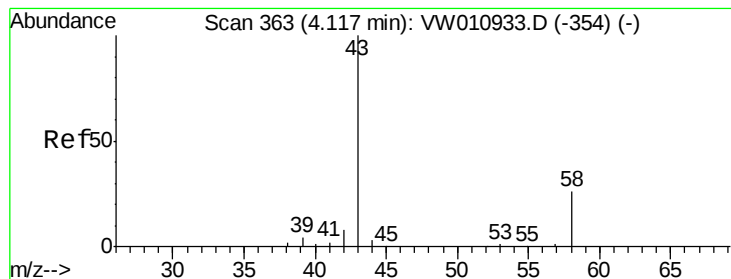
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.941 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010950.D

Acq: 25 Jun 2019 00:25

Instrument :

MSVOA_W

ClientSampled :

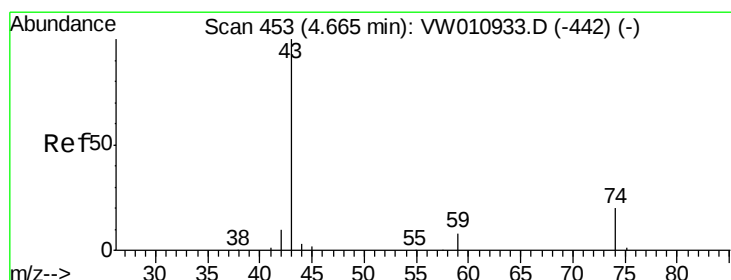
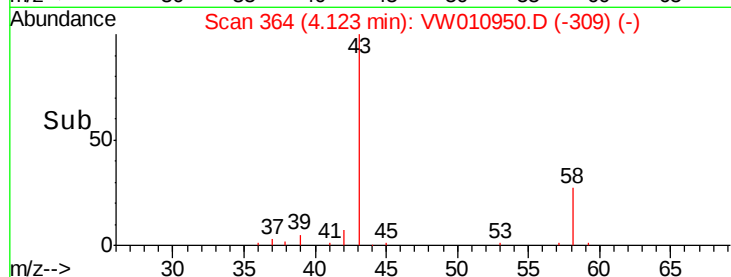
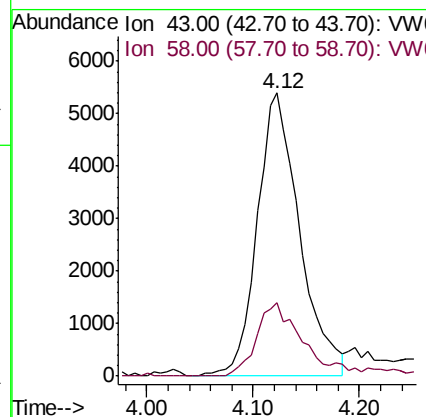
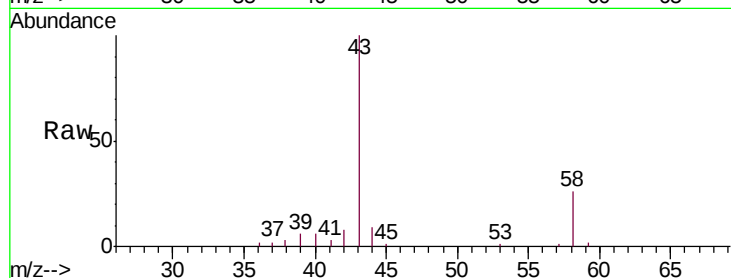
YANY3

Tgt Ion: 43 Resp: 15046

Ion Ratio Lower Upper

43 100

58 26.0 0.0 53.2



#15

Methyl Acetate

Concen: 1.537 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010950.D

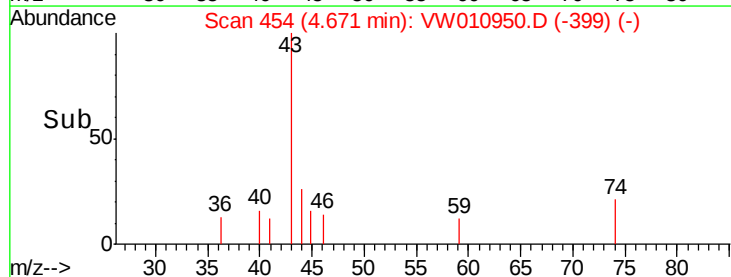
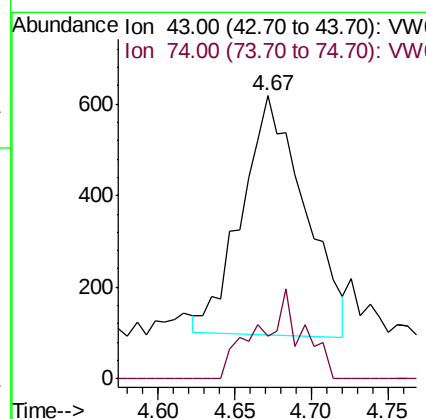
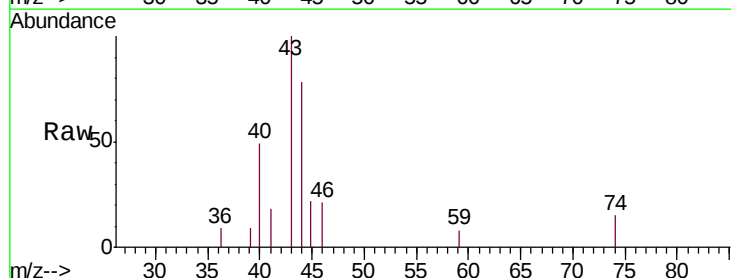
Acq: 25 Jun 2019 00:25

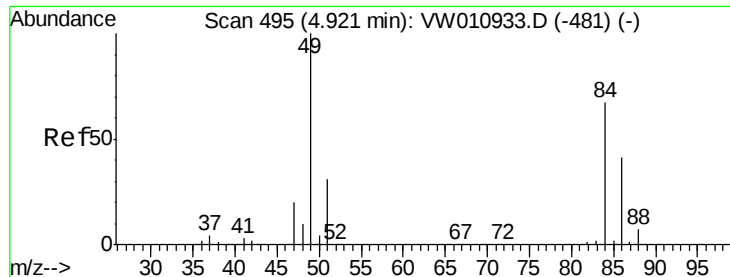
Tgt Ion: 43 Resp: 1486

Ion Ratio Lower Upper

43 100

74 11.0 15.3 22.9#

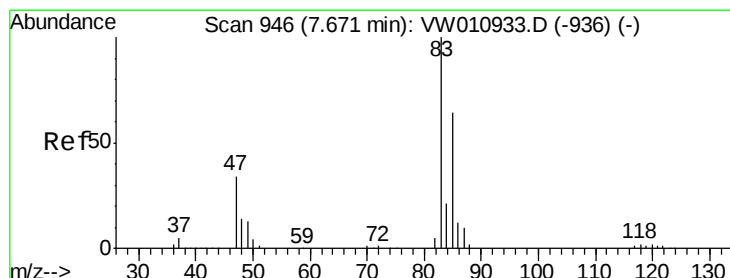
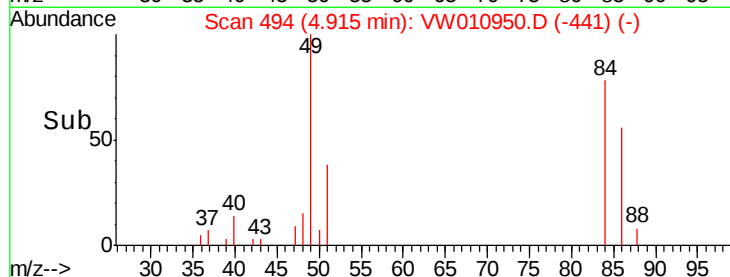
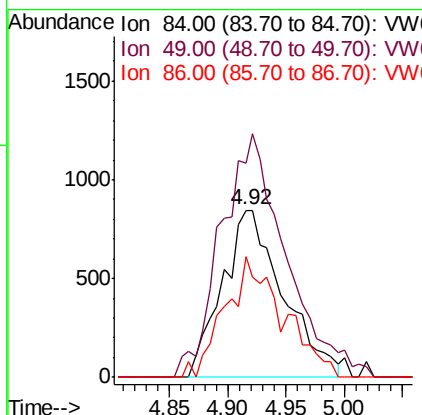
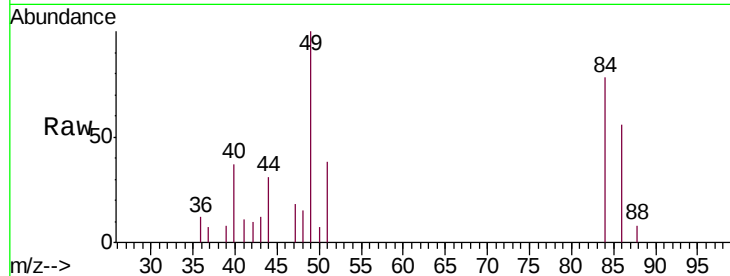




#16
Methylene chloride
Concen: 2.157 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW010950.D
Acq: 25 Jun 2019 00:25

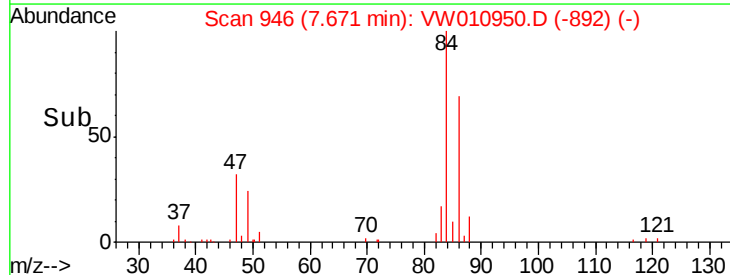
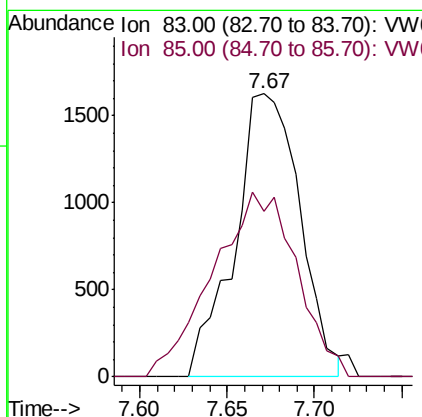
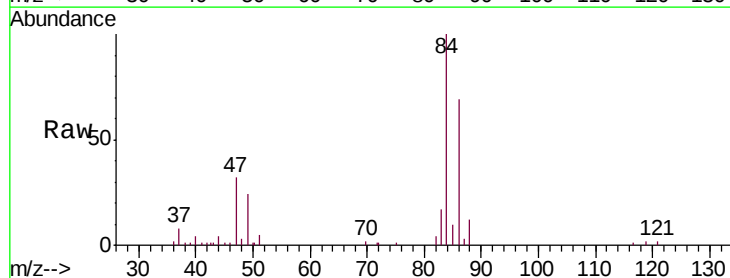
Instrument :
MSVOA_W
ClientSampled :
YANY3

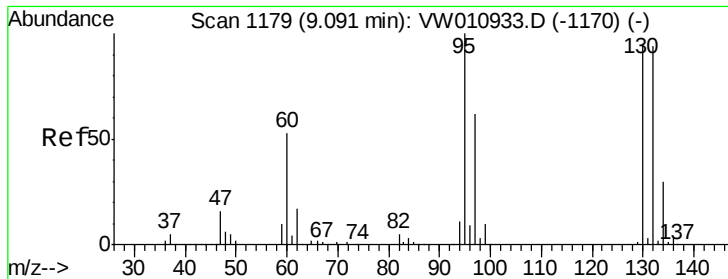
Tgt Ion: 84 Resp: 3060
Ion Ratio Lower Upper
84 100
49 128.1 107.0 198.8
86 71.8 44.4 82.5



#25
Chloroform
Concen: 1.667 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010950.D
Acq: 25 Jun 2019 00:25

Tgt Ion: 83 Resp: 4212
Ion Ratio Lower Upper
83 100
85 83.9 45.6 84.8





#35

Trichloroethene

Concen: 1.461 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW010950.D

Acq: 25 Jun 2019 00:25

Instrument :

MSVOA_W

ClientSampleId :

YANY3

Tgt Ion: 95 Resp: 3056

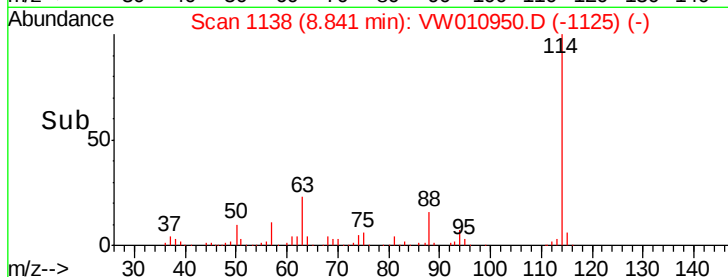
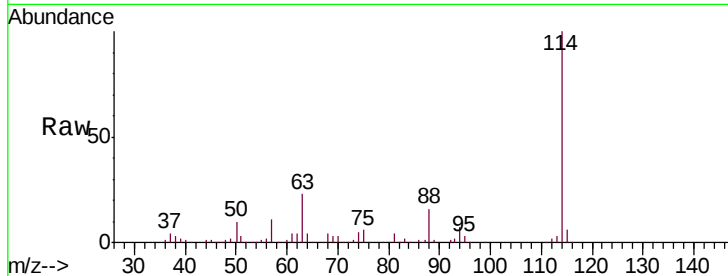
Ion Ratio Lower Upper

95 100

97 6.5 44.9 83.3#

132 0.0 64.0 119.0#

130 0.0 67.4 125.2#

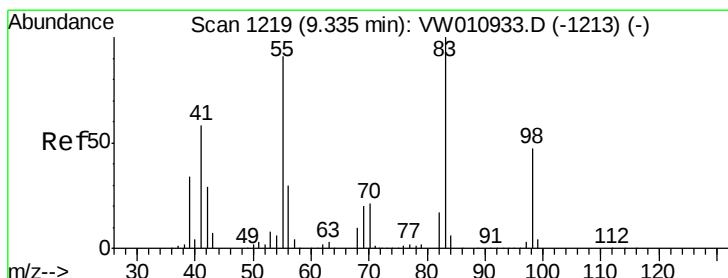
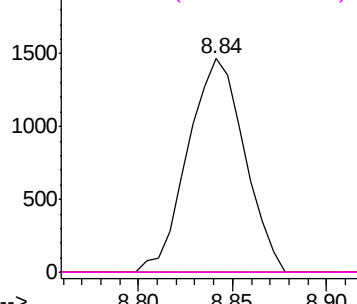


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 4.172 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW010950.D

Acq: 25 Jun 2019 00:25

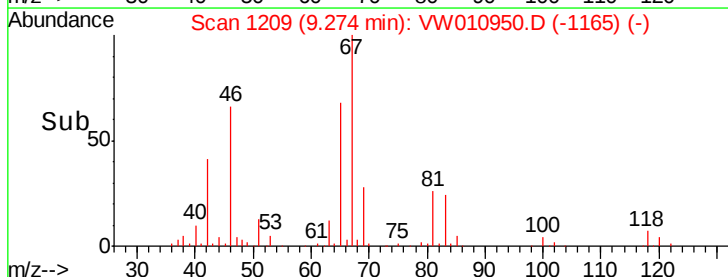
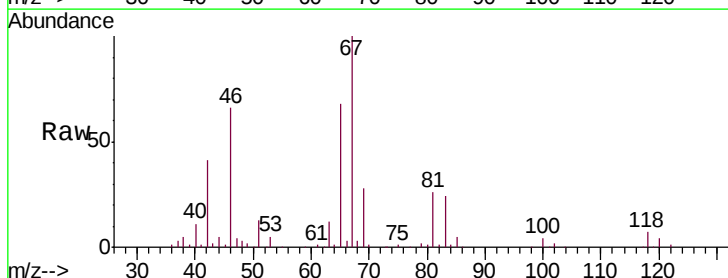
Tgt Ion: 83 Resp: 16017

Ion Ratio Lower Upper

83 100

55 1.0 72.2 108.2#

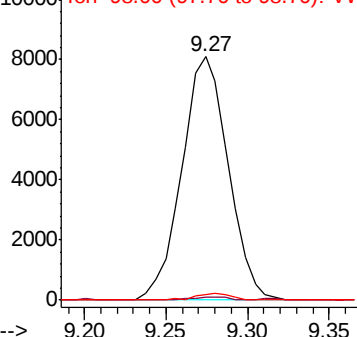
98 1.9 37.8 56.8#

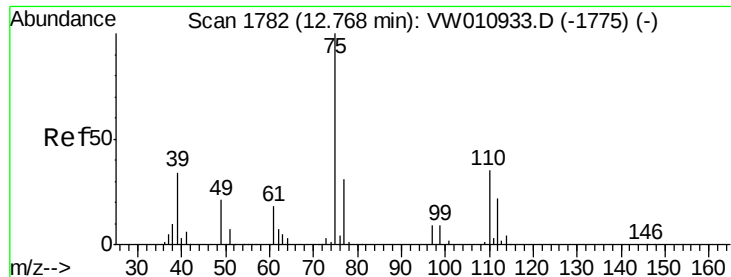


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.623 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010950.D

Acq: 25 Jun 2019 00:25

Instrument :

MSVOA_W

ClientSampleId :

YANY3

Tgt Ion: 75 Resp: 8881

Ion Ratio Lower Upper

75 100

77 34.9 25.2 37.8

