

Data File : VW010964.D
Acq On : 25 Jun 2019 13:27
Operator : SY/VA
Sample : K3456-06
Misc : 2.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANX6RE

Quant Time: Jun 26 02:59:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 02:56:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	132438	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	119676	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	50666	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	38008	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
7) Chloroethane-d5	2.89	69	30110	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
10) 1,1-Dichloroethene-d2	4.01	63	67485	16.63	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	7.07	46	37096	46.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.04%
24) Chloroform-d	7.65	84	86303	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	8.30	65	56782	25.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.60%
29) Benzene-d6	8.27	84	177185	24.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.64%
33) 1,2-Dichloropropane-d6	9.27	67	59370	25.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.04%
37) Toluene-d8	10.32	98	153864	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.92%
38) trans-1,3-Dichloropropene-	10.58	79	21244	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.88%
39) 2-Hexanone-d5	10.93	63	23738	44.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	47096	24.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	49619	25.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.76%

Target Compounds

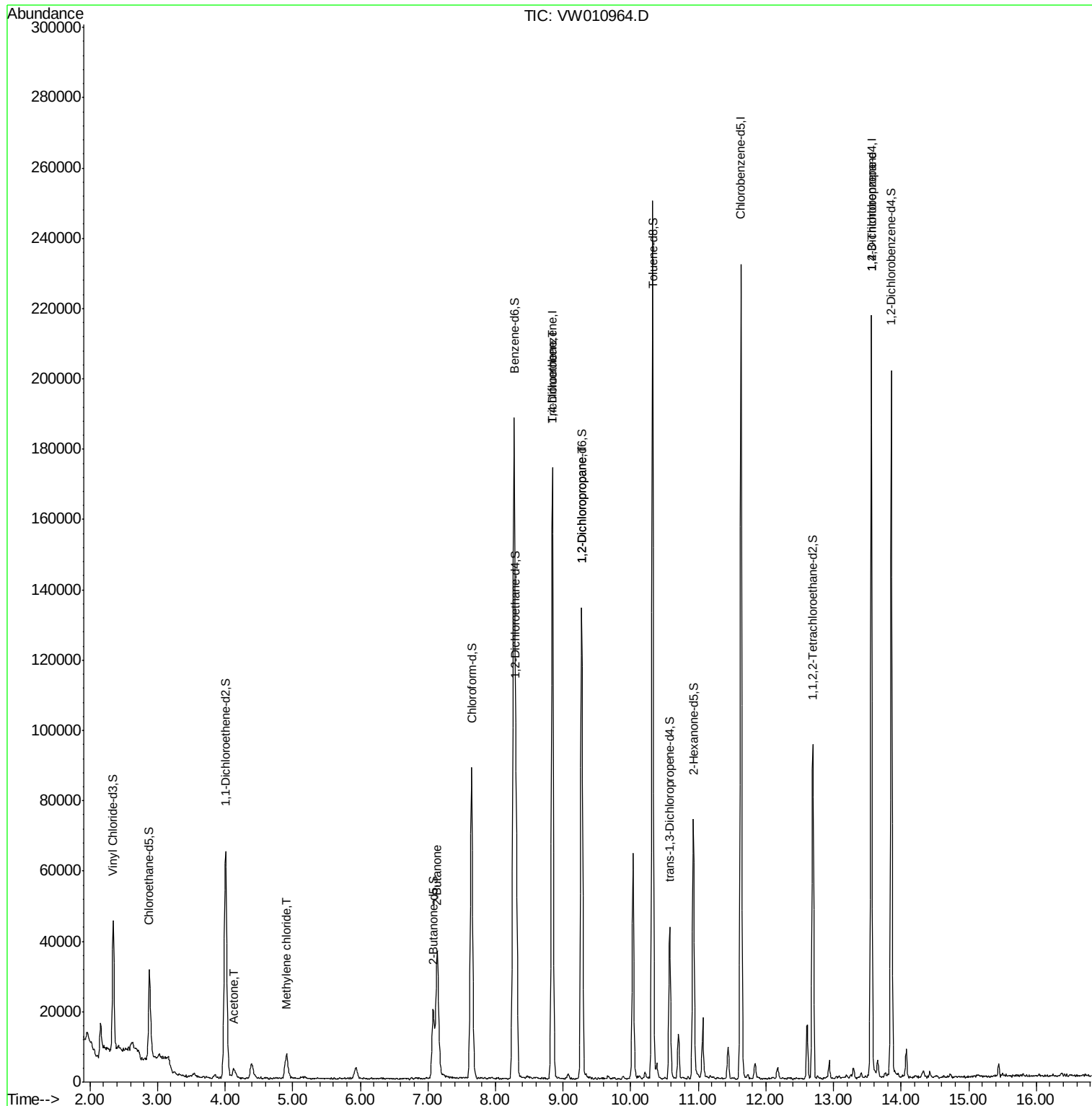
					Qvalue
13) Acetone	4.13	43	4294	5.562 ug/L	80
16) Methylene chloride	4.92	84	4439	2.263 ug/L	88
21) 2-Butanone	7.14	43	1479	1.457 ug/L #	67
35) Trichloroethene	8.84	95	4253	2.133 ug/L #	7
40) 1,2-Dichloropropane	9.27	63	6978	3.224 ug/L #	88
59) 1,2,3-Trichloropropane	13.56	75	7369	4.893 ug/L	92

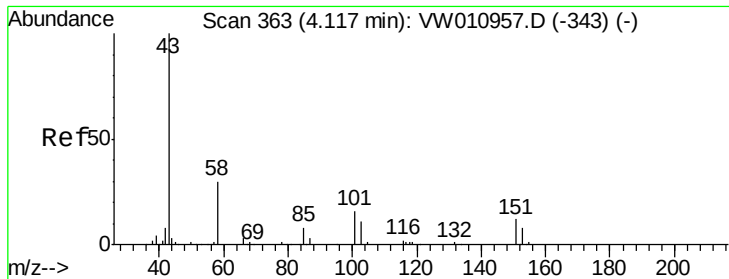
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.562 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

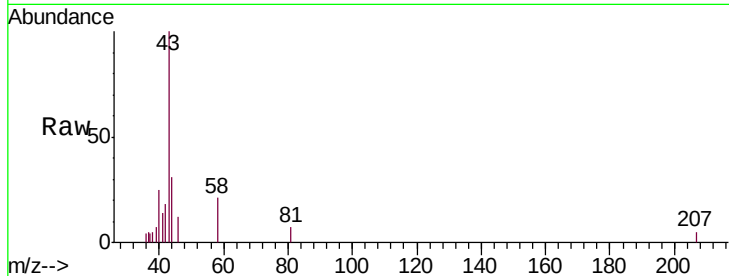
YANX6RE

Tgt Ion: 43 Resp: 4294

Ion Ratio Lower Upper

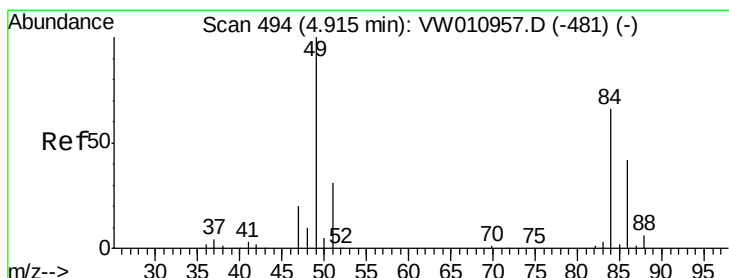
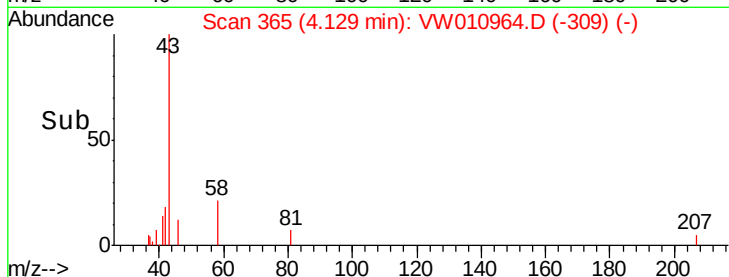
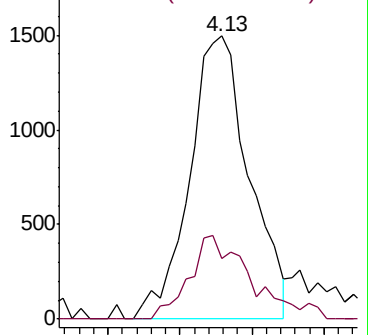
43 100

58 16.1 0.0 53.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.263 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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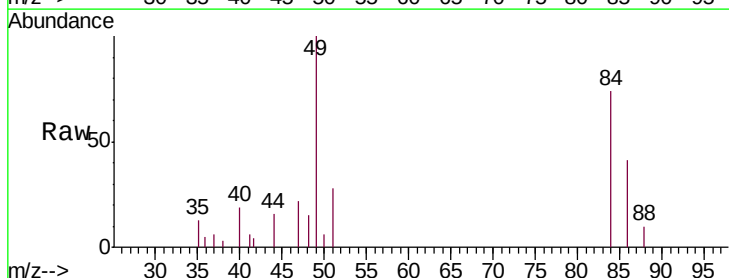
Tgt Ion: 84 Resp: 4439

Ion Ratio Lower Upper

84 100

49 135.9 107.0 198.8

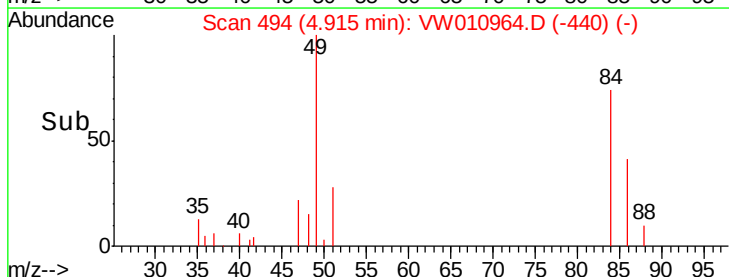
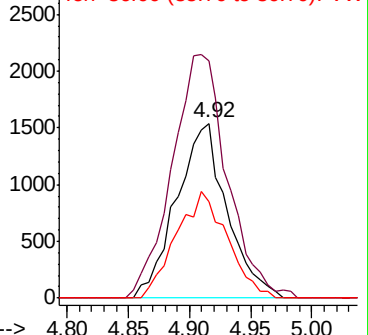
86 55.3 44.4 82.5

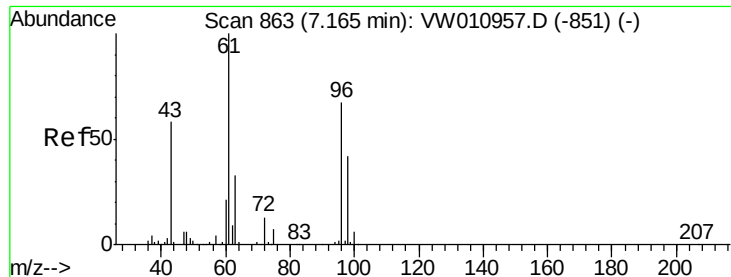


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.457 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampled :

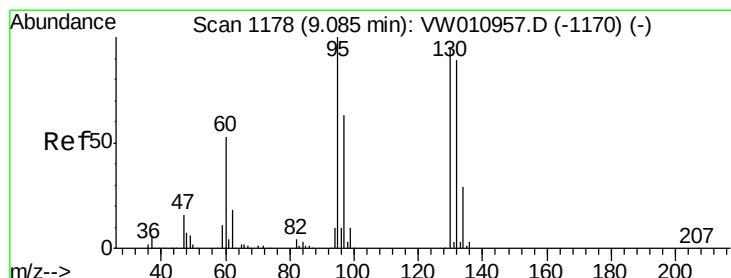
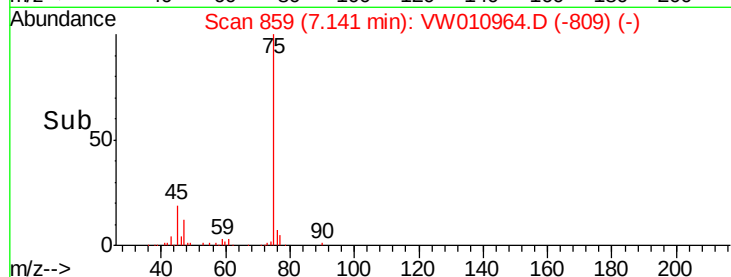
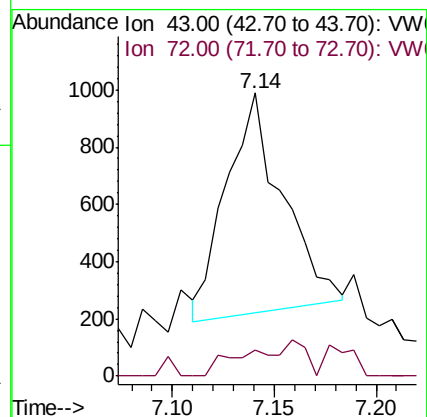
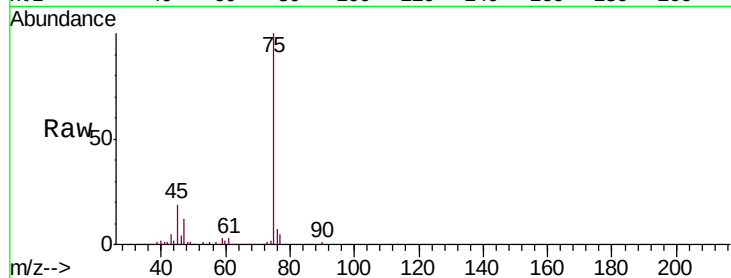
YANX6RE

Tgt Ion: 43 Resp: 1479

Ion Ratio Lower Upper

43 100

72 5.9 10.9 32.6#



#35

Trichloroethene

Concen: 2.133 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW010964.D

Acq: 25 Jun 2019 13:27

Tgt Ion: 95 Resp: 4253

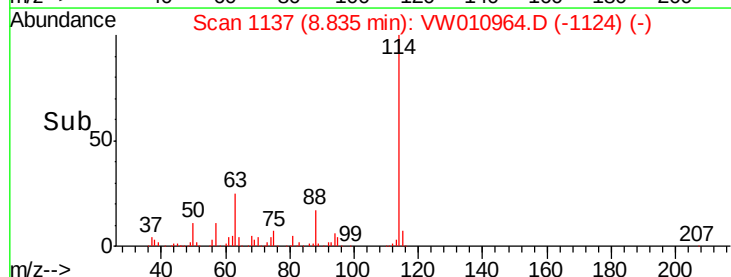
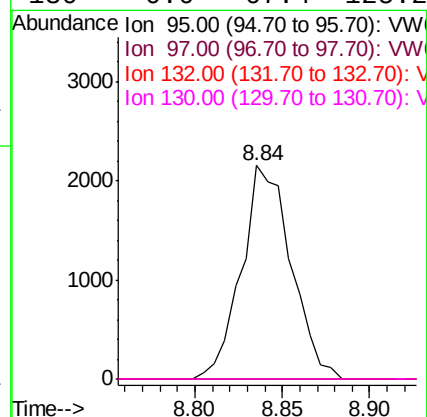
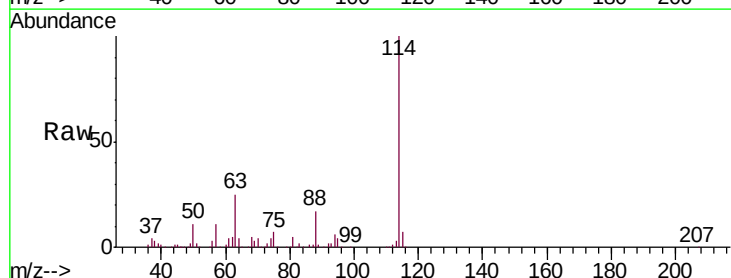
Ion Ratio Lower Upper

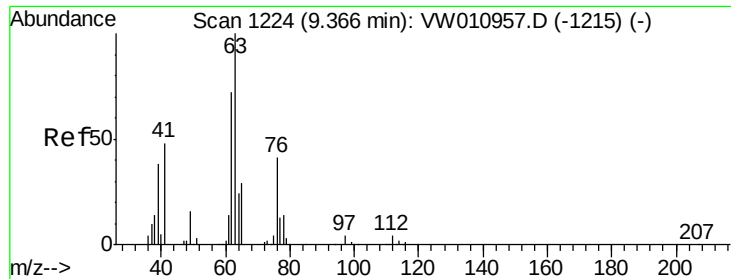
95 100

97 0.0 44.9 83.3#

132 0.0 64.0 119.0#

130 0.0 67.4 125.2#





#40

1,2-Dichloropropane

Concen: 3.224 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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Acq: 25 Jun 2019 13:27

Instrument :

MSVOA_W

ClientSampleId :

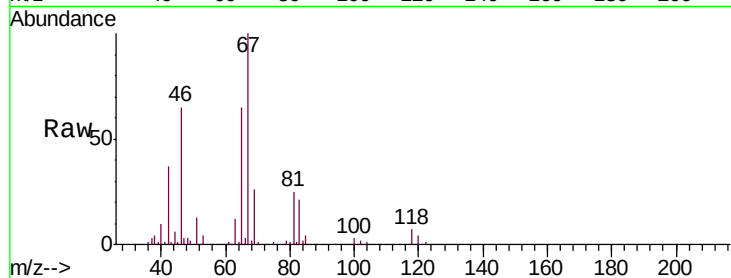
YANX6RE

Tgt Ion: 63 Resp: 6978

Ion Ratio Lower Upper

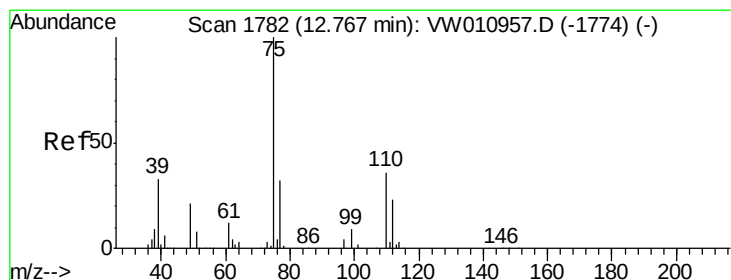
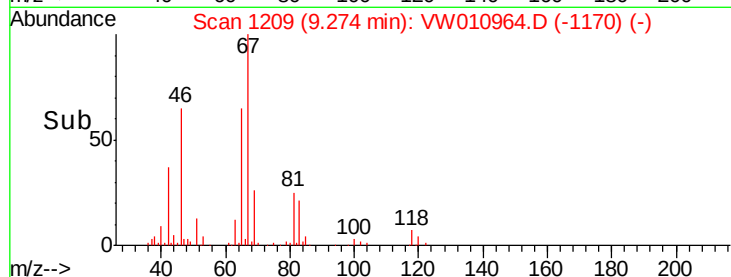
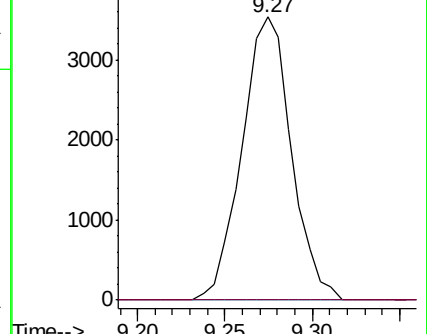
63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.893 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010964.D

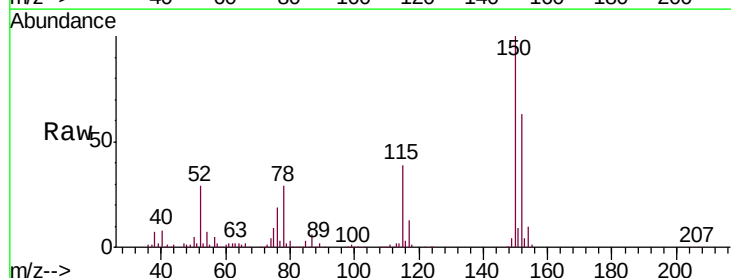
Acq: 25 Jun 2019 13:27

Tgt Ion: 75 Resp: 7369

Ion Ratio Lower Upper

75 100

77 35.8 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

