

Data File : VW011905.D
Acq On : 13 Aug 2019 19:36
Operator : SY/VA
Sample : K4215-19RE
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOD5RE

Quant Time: Aug 14 05:00:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	22748	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	17139	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	3488	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	6796	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
7) Chloroethane-d5	2.89	69	7157	31.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.08%
10) 1,1-Dichloroethene-d2	4.03	63	12618	17.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.72%
20) 2-Butanone-d5	7.09	46	3825	26.52	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.04%
24) Chloroform-d	7.65	84	14346	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.31	65	8568	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	8.27	84	27708	25.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.84%
33) 1,2-Dichloropropane-d6	9.27	67	9009	25.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.56%
37) Toluene-d8	10.32	98	19621	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.04%
38) trans-1,3-Dichloropropene-	10.58	79	2800	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.44%
39) 2-Hexanone-d5	10.93	63	2107	25.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	6074	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	3508	26.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.40%

Target Compounds

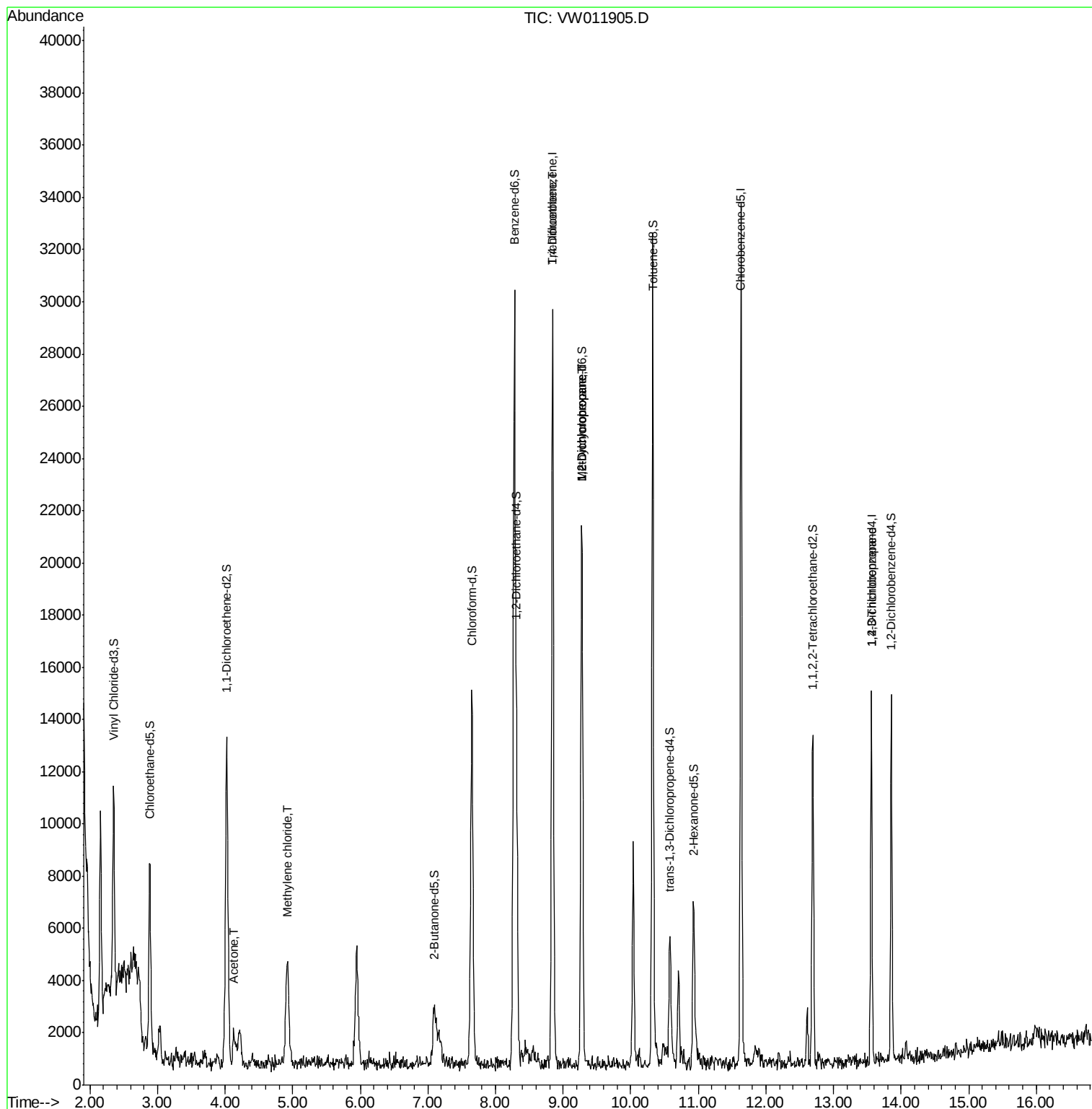
					Qvalue
13) Acetone	4.13	43	2397	15.517 ug/L	99
16) Methylene chloride	4.93	84	2670	7.521 ug/L	84
35) Trichloroethene	8.84	95	790	2.591 ug/L #	6
36) Methylcyclohexane	9.28	83	2097	3.791 ug/L #	14
40) 1,2-Dichloropropane	9.27	63	1195	3.727 ug/L #	88
59) 1,2,3-Trichloropropane	13.56	75	533	2.379 ug/L	91

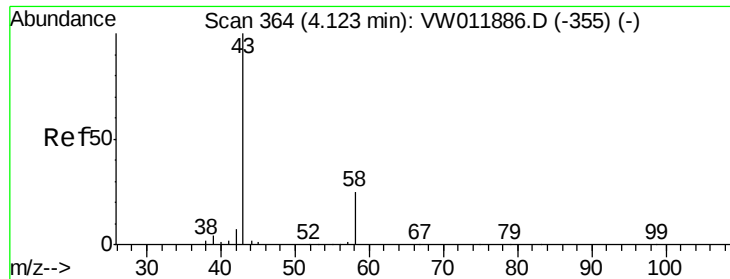
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.517 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

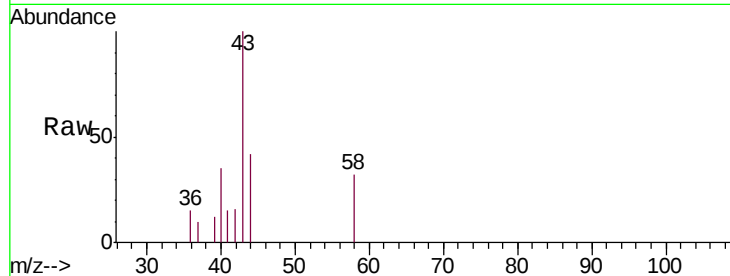
ETOD5RE

Tgt Ion: 43 Resp: 2397

Ion Ratio Lower Upper

43 100

58 27.1 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

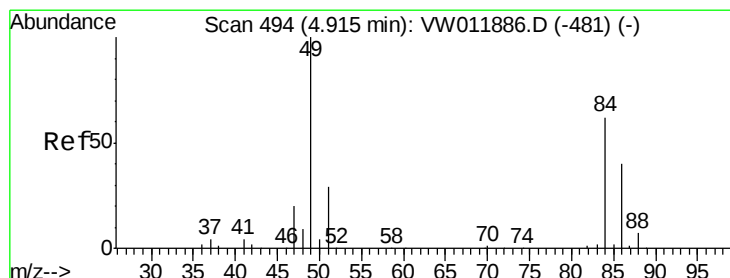
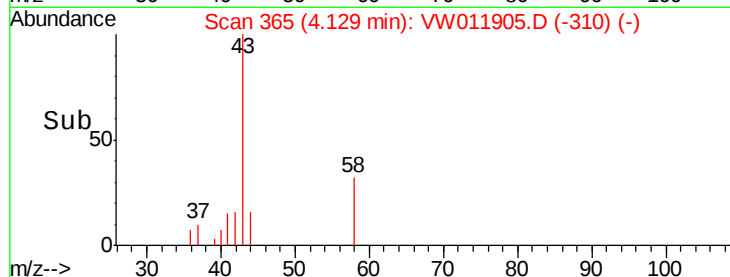
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 7.521 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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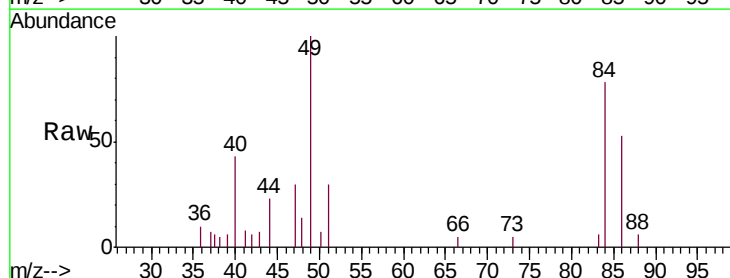
Tgt Ion: 84 Resp: 2670

Ion Ratio Lower Upper

84 100

49 128.4 106.8 198.4

86 68.4 42.8 79.4



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

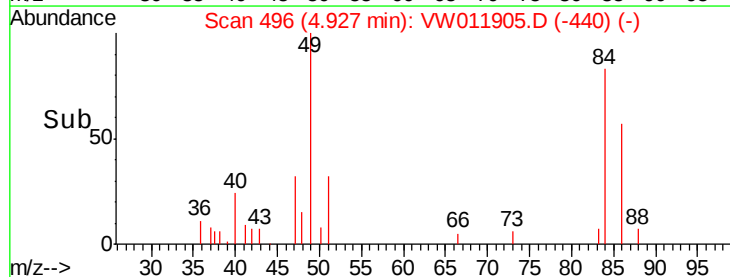
1500

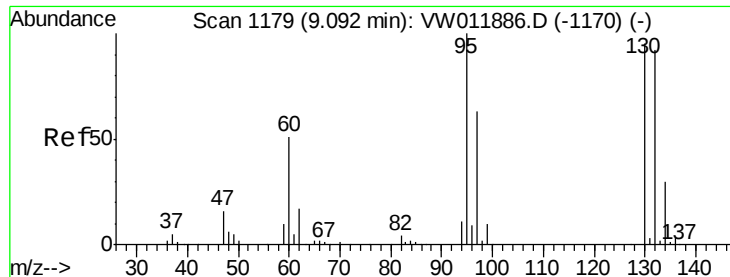
1000

500

0

Time-->





#35

Trichloroethene

Concen: 2.591 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

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ClientSampleId :

ETOD5RE

Tgt Ion: 95 Resp: 790

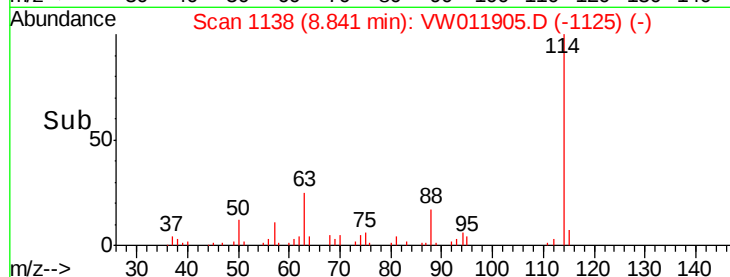
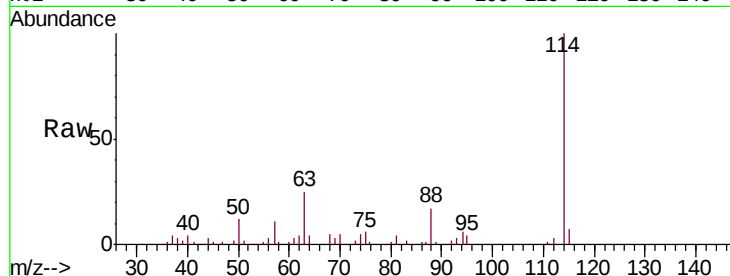
Ion Ratio Lower Upper

95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#

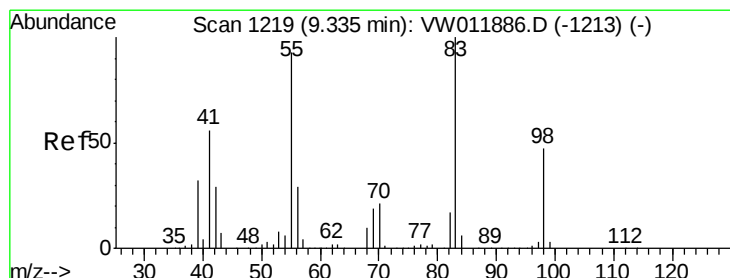
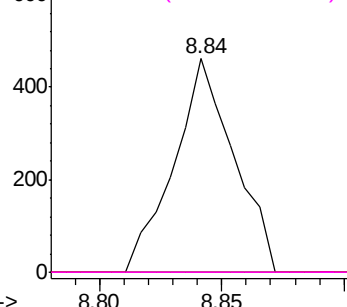


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.791 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

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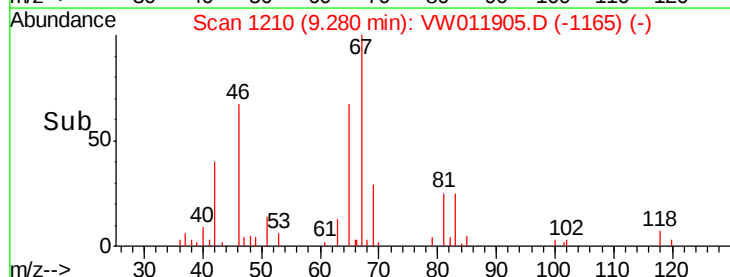
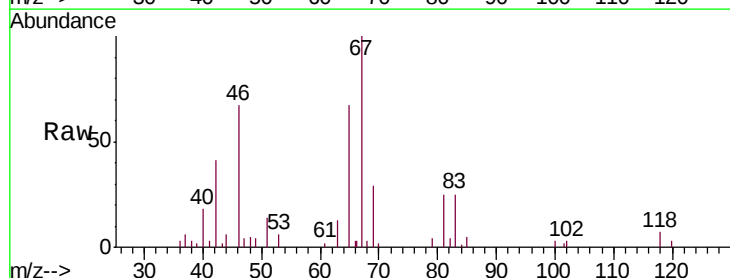
Tgt Ion: 83 Resp: 2097

Ion Ratio Lower Upper

83 100

55 2.2 72.6 108.8#

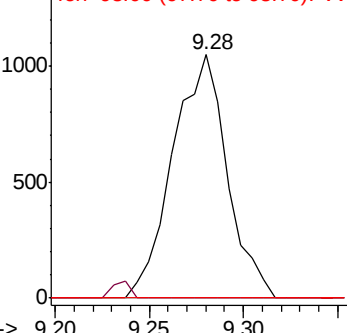
98 0.0 37.8 56.6#

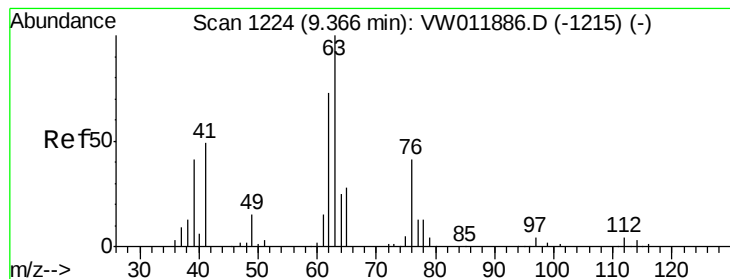


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.727 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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Acq: 13 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

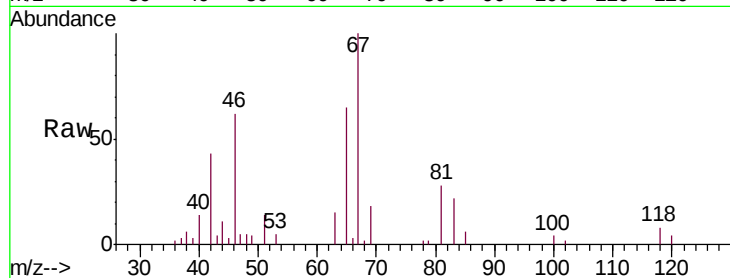
ETOD5RE

Tgt Ion: 63 Resp: 1195

Ion Ratio Lower Upper

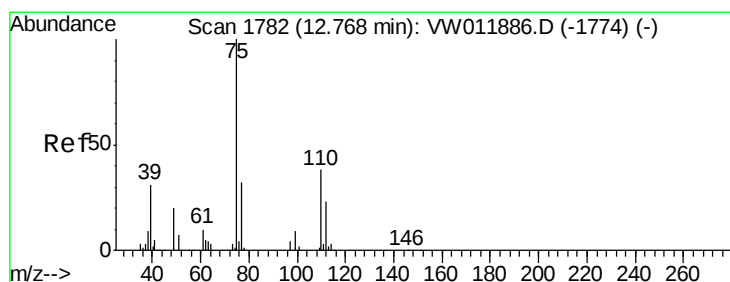
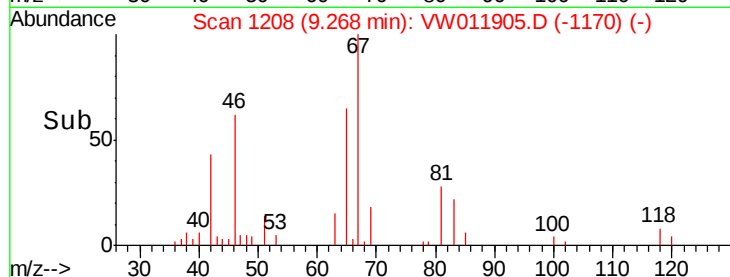
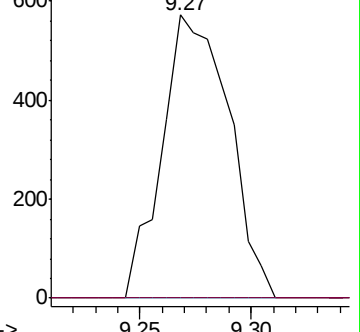
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#59

1,2,3-Trichloropropane

Concen: 2.379 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011905.D

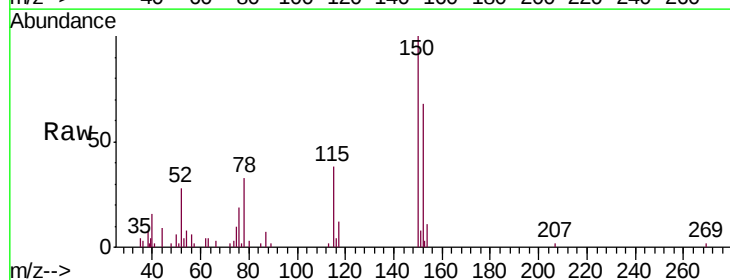
Acq: 13 Aug 2019 19:36

Tgt Ion: 75 Resp: 533

Ion Ratio Lower Upper

75 100

77 26.6 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

