

Data File : VW011244.D
Acq On : 12 Jul 2019 17:07
Operator : SY/VA
Sample : K3760-10
Misc : 6.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z0

Quant Time: Jul 13 05:36:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	14951	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	13602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	3672	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	3991	17.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.92%
7) Chloroethane-d5	2.89	69	4417	27.58	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
10) 1,1-Dichloroethene-d2	4.02	63	7752	16.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.12%
20) 2-Butanone-d5	7.09	46	1806	20.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.16%
24) Chloroform-d	7.65	84	10361	25.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.12%
26) 1,2-Dichloroethane-d4	8.31	65	6968	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.44%
29) Benzene-d6	8.27	84	19692	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	9.27	67	7417	27.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.72%
37) Toluene-d8	10.32	98	15981	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.60%
38) trans-1,3-Dichloropropene-	10.58	79	2396	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.60%
39) 2-Hexanone-d5	10.93	63	2263	36.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	6128	27.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	3766	26.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.88%

Target Compounds

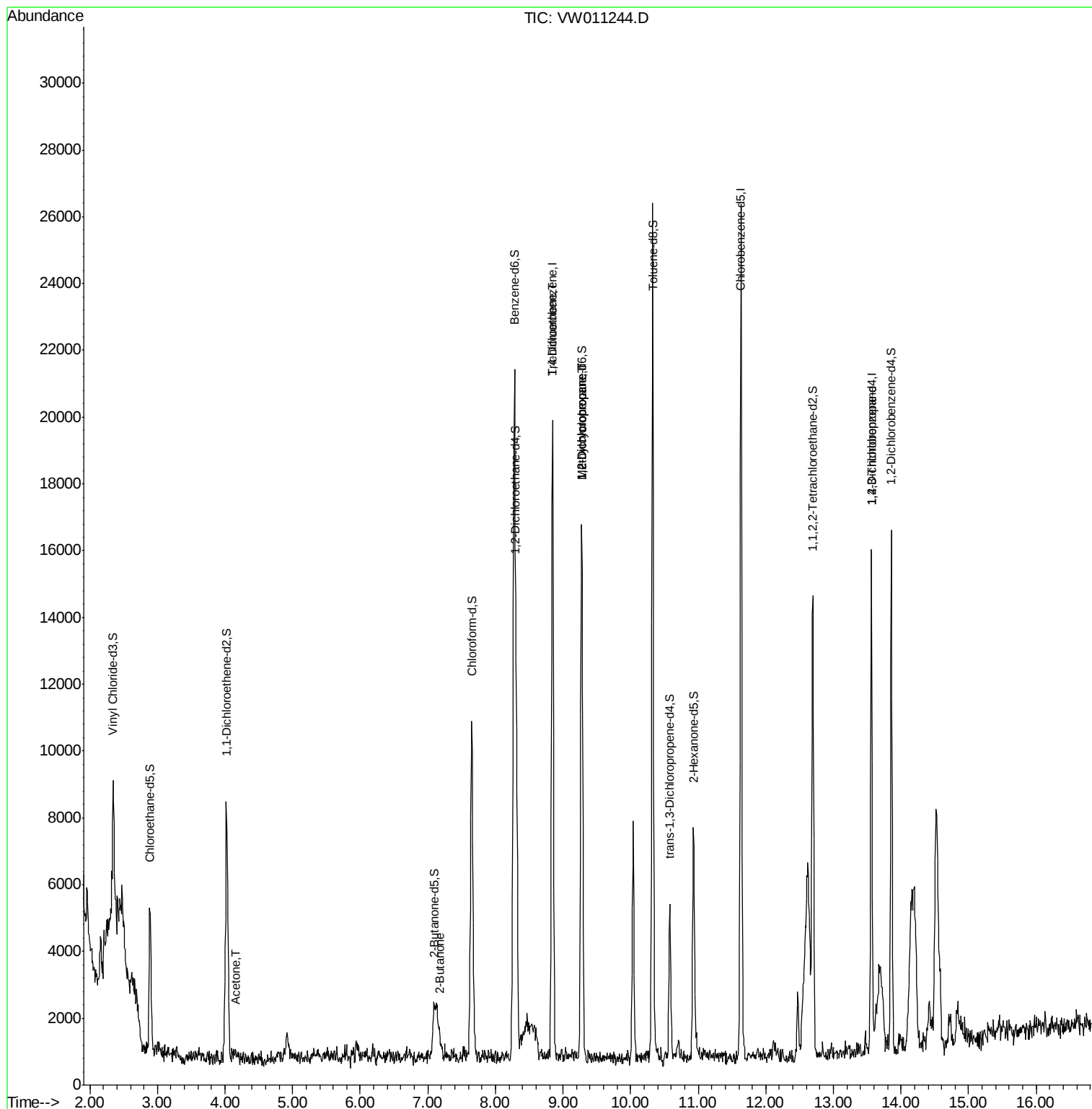
					Qvalue	
13) Acetone	4.15	43	138	1.571	ug/L #	47
21) 2-Butanone	7.18	43	132	1.164	ug/L #	53
35) Trichloroethene	8.85	95	410	1.911	ug/L #	6
36) Methylcyclohexane	9.27	83	1852	4.797	ug/L #	13
40) 1,2-Dichloropropane	9.28	63	945	4.057	ug/L #	88
59) 1,2,3-Trichloropropane	13.55	75	281	1.705	ug/L #	56

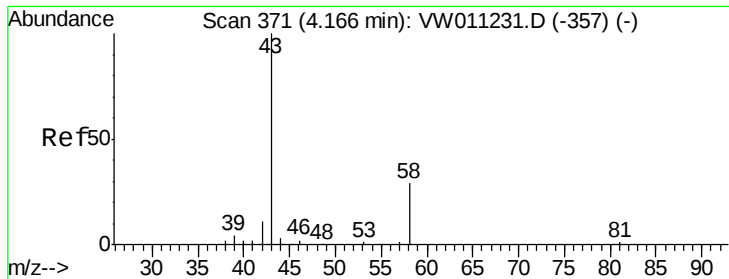
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.571 ug/L

RT: 4.15 min Scan# 369

Delta R.T. -0.01 min

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Acq: 12 Jul 2019 17:07

Instrument :

MSVOA_W

ClientSampled :

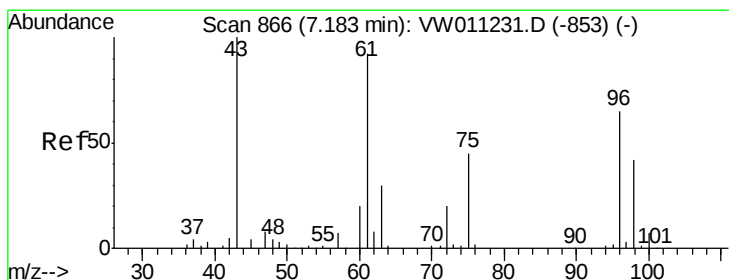
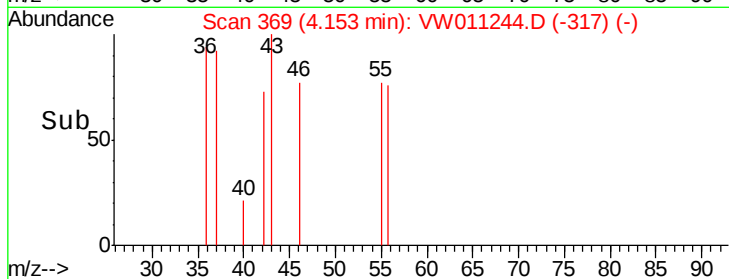
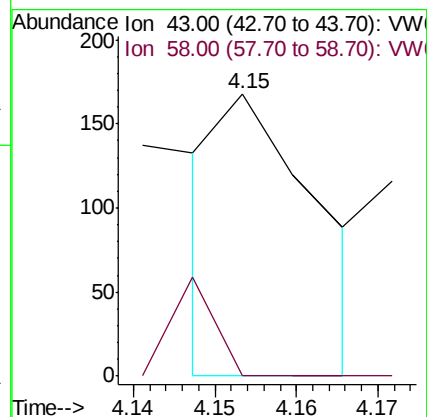
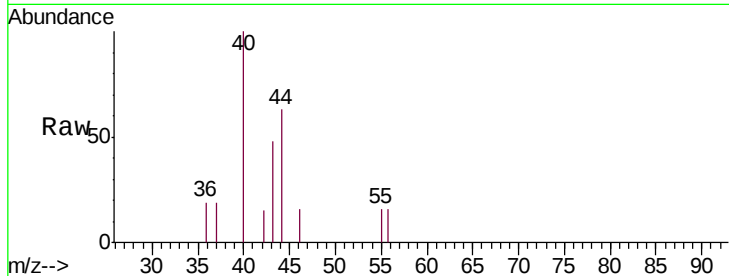
DB8Z0

Tgt Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

58 0.0 0.0 55.0



#21

2-Butanone

Concen: 1.164 ug/L

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

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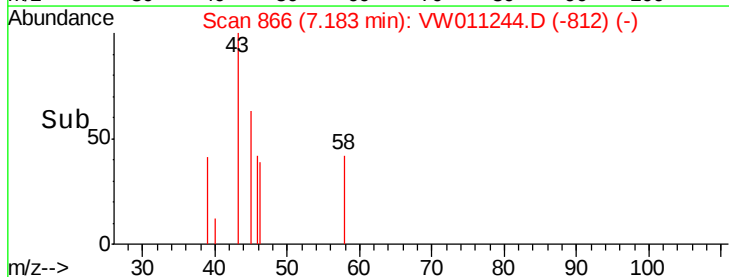
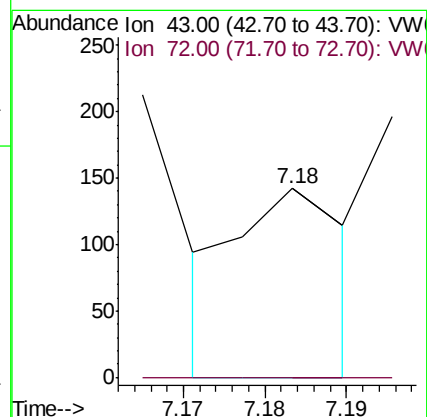
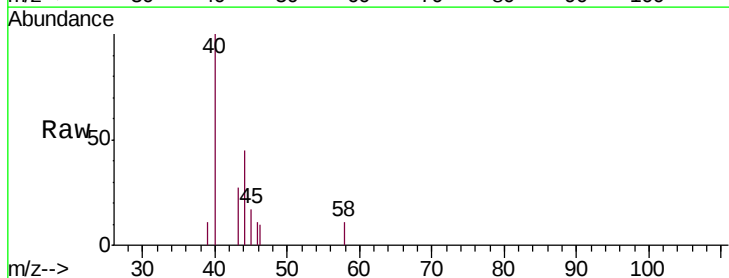
Acq: 12 Jul 2019 17:07

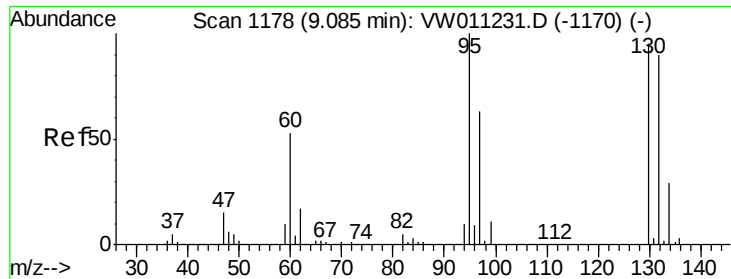
Tgt Ion: 43 Resp: 132

Ion Ratio Lower Upper

43 100

72 0.0 11.2 33.6#





#35

Trichloroethene

Concen: 1.911 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW011244.D

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Instrument :

MSVOA_W

ClientSampleId :

DB8Z0

Tgt Ion: 95 Resp: 410

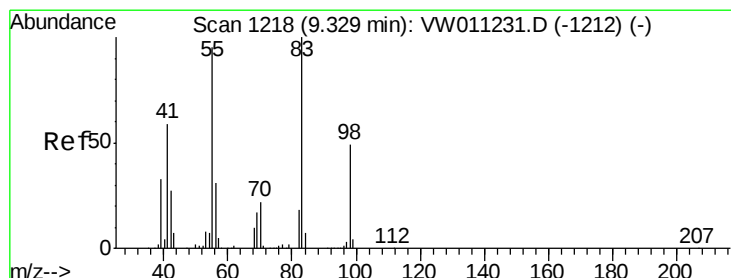
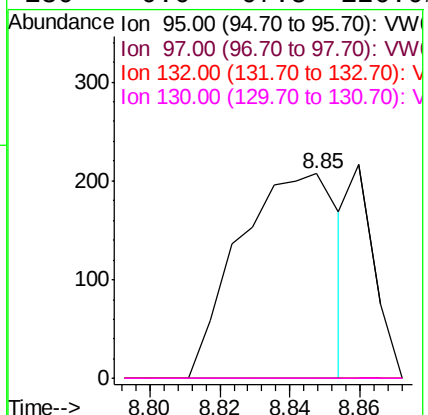
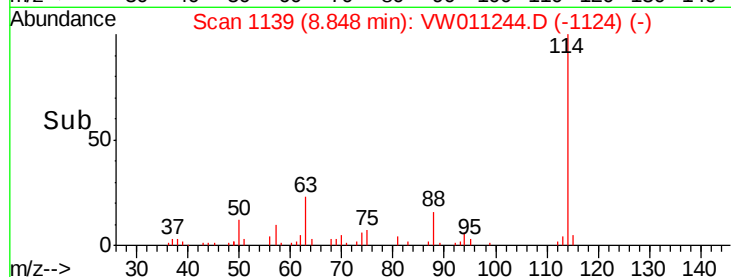
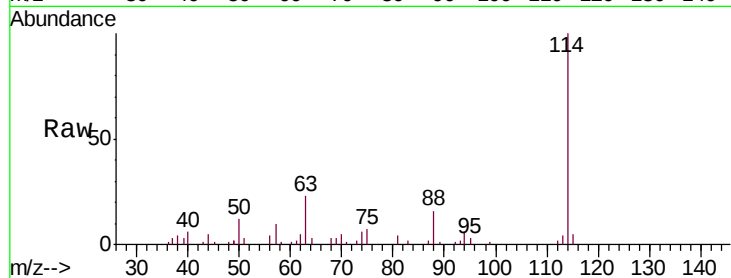
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#



#36

Methylcyclohexane

Concen: 4.797 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.05 min

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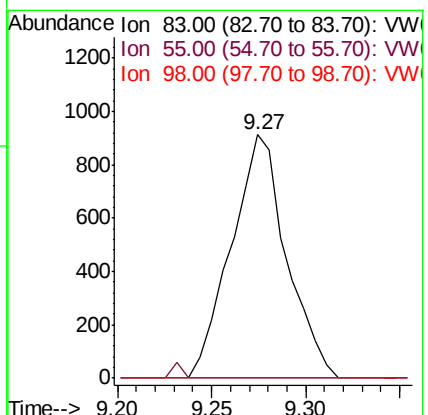
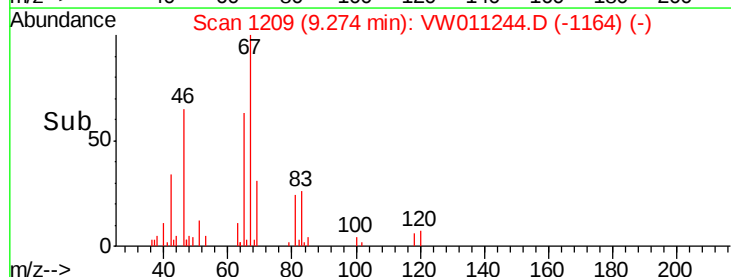
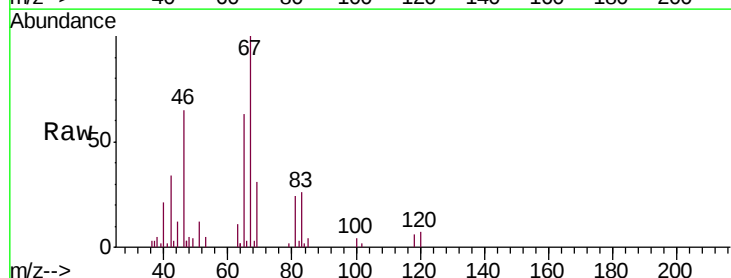
Tgt Ion: 83 Resp: 1852

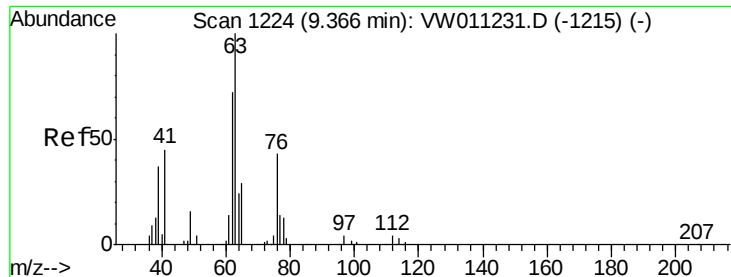
Ion Ratio Lower Upper

83 100

55 0.0 72.2 108.4#

98 0.0 38.2 57.4#





#40

1,2-Dichloropropane

Concen: 4.057 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW011244.D

Acq: 12 Jul 2019 17:07

Instrument :

MSVOA_W

ClientSampleId :

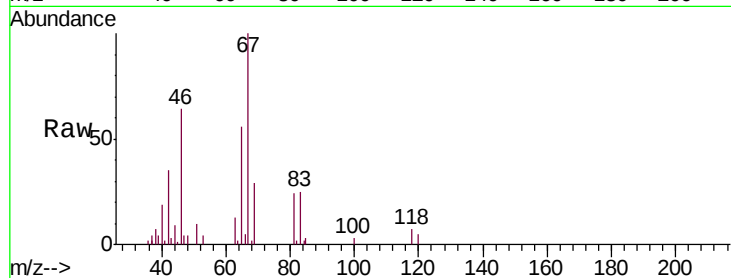
DB8Z0

Tgt Ion: 63 Resp: 945

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW

9.28

400

300

200

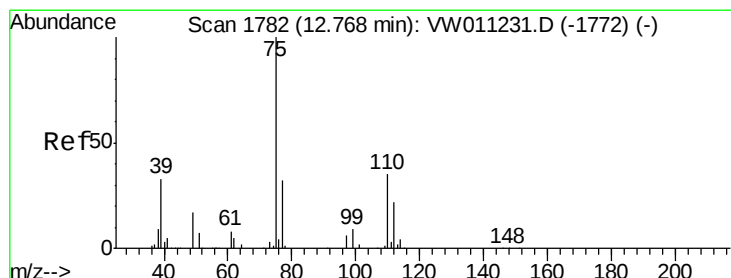
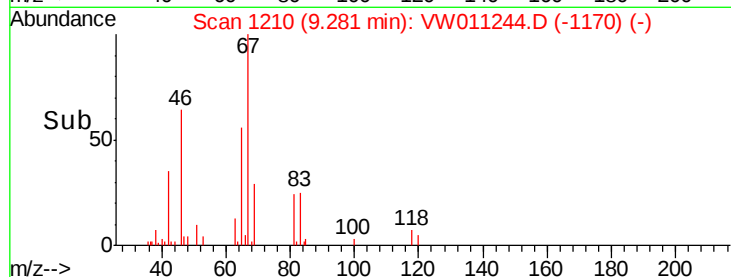
100

0

9.25

9.30

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.705 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW011244.D

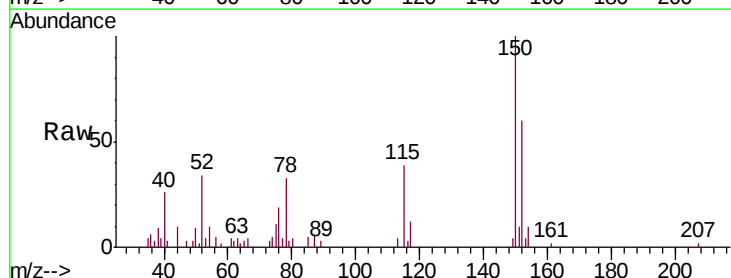
Acq: 12 Jul 2019 17:07

Tgt Ion: 75 Resp: 281

Ion Ratio Lower Upper

75 100

77 7.5 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.55

300

200

100

0

13.54

13.56

Time-->

