

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007347.D
 Acq On : 08 Dec 2018 10:20
 Operator : SY/AP
 Sample : J6270-16
 Misc : 6.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E15

Quant Time: Dec 10 05:56:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 10 05:52:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	121922	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	102800	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	43721	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22424	28.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.96%
7) Chloroethane-d5	2.90	69	16692	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.28%
10) 1,1-Dichloroethene-d2	4.01	63	52582	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.80%
20) 2-Butanone-d5	7.08	46	17812	35.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.16%
24) Chloroform-d	7.65	84	65857	22.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	8.31	65	40542	24.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.08%
29) Benzene-d6	8.27	84	133543	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.27	67	37283	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.32	98	124832	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	10.58	79	16708	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.93	63	12611	32.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34732	23.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	37756	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

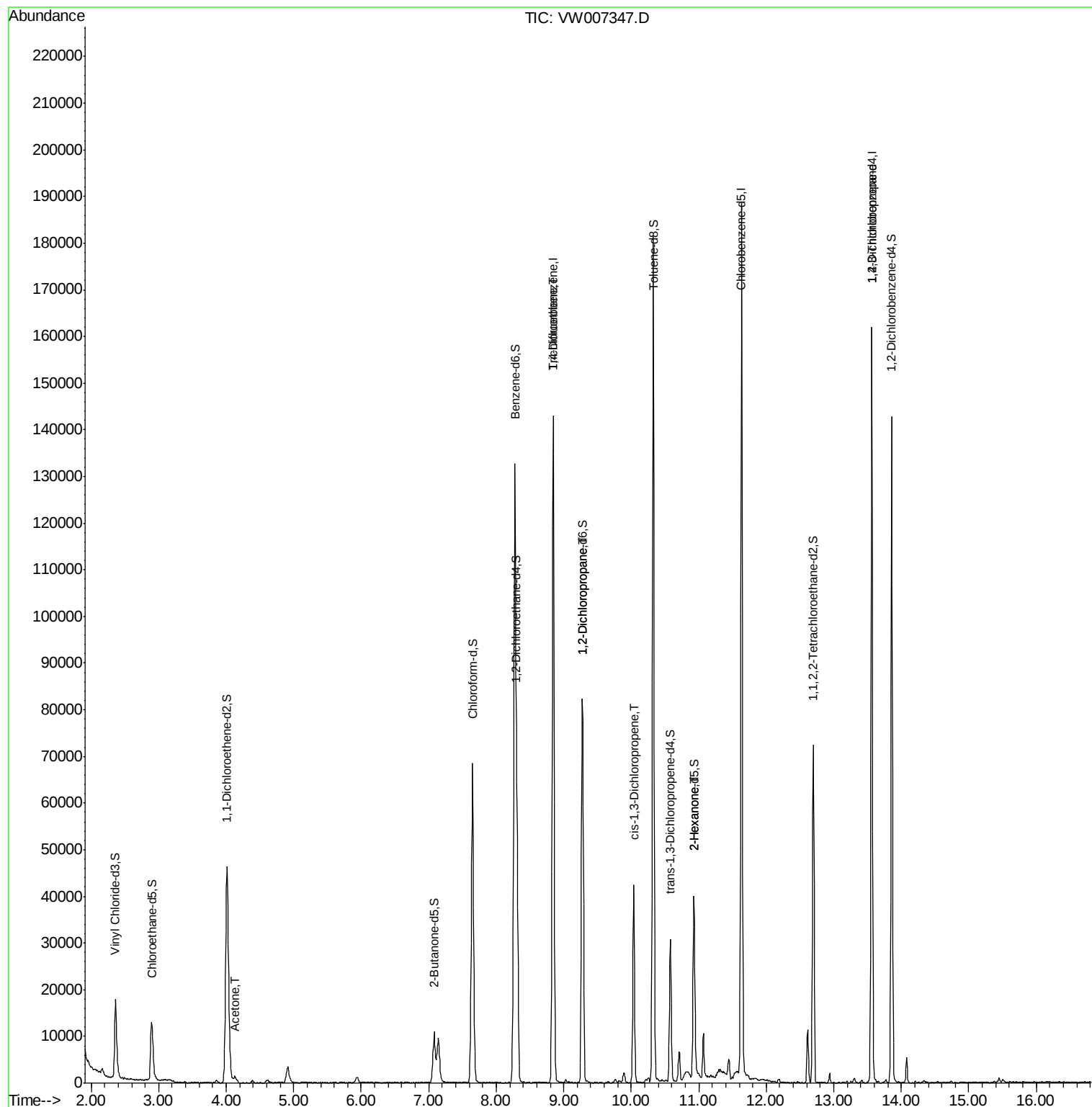
					Qvalue
13) Acetone	4.12	43	1728	2.969 ug/L	98
35) Trichloroethene	8.84	95	3844	2.275 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	4718	3.273 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1174	0.485 ug/L #	64
49) 2-Hexanone	10.93	43	2461	3.069 ug/L #	59
59) 1,2,3-Trichloropropane	13.56	75	4949	4.249 ug/L	89

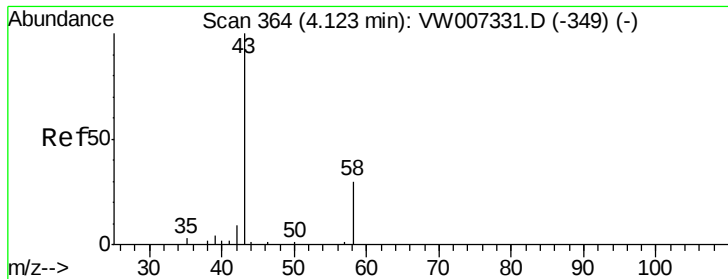
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.969 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007347.D

Acq: 08 Dec 2018 10:20

Instrument :

MSVOA_W

ClientSampleId :

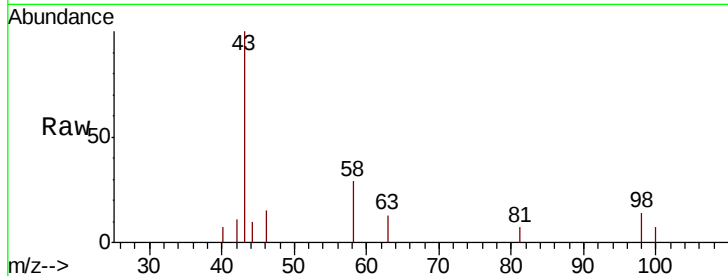
F9E15

Tgt Ion: 43 Resp: 1728

Ion Ratio Lower Upper

43 100

58 30.4 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

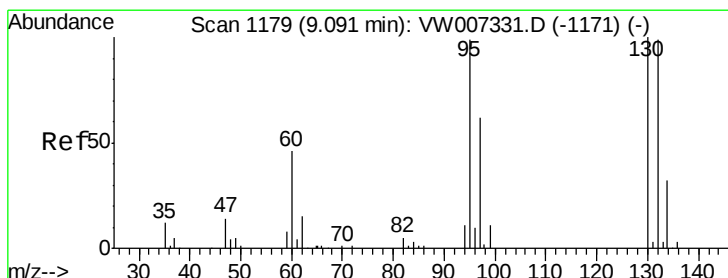
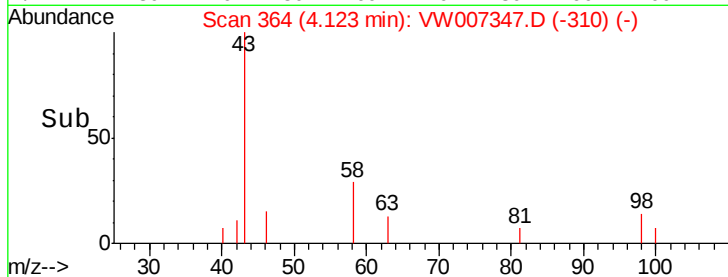
600

400

200

0

Time-->



#35

Trichloroethene

Concen: 2.275 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007347.D

Acq: 08 Dec 2018 10:20

Tgt Ion: 95 Resp: 3844

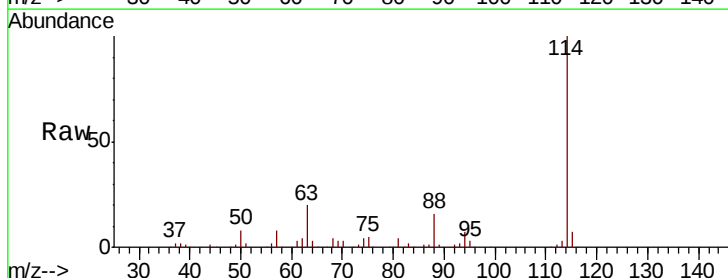
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#



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

3000

2500

2000

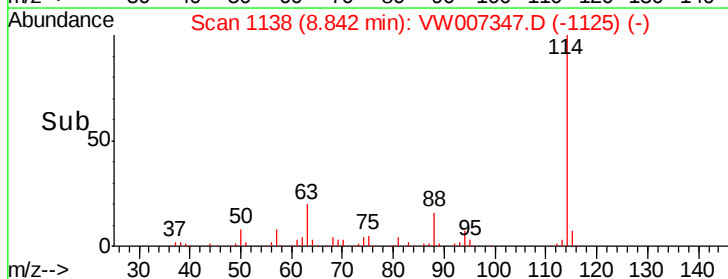
1500

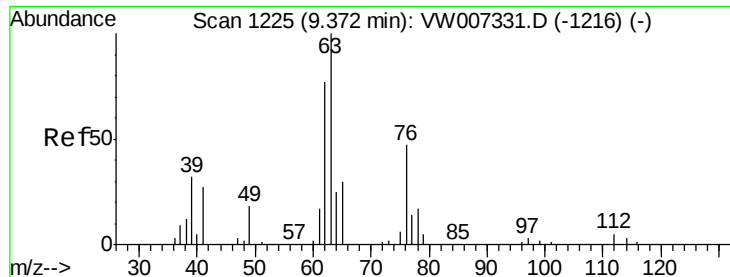
1000

500

0

Time-->

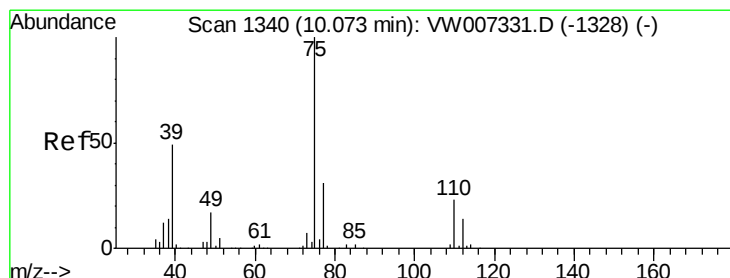
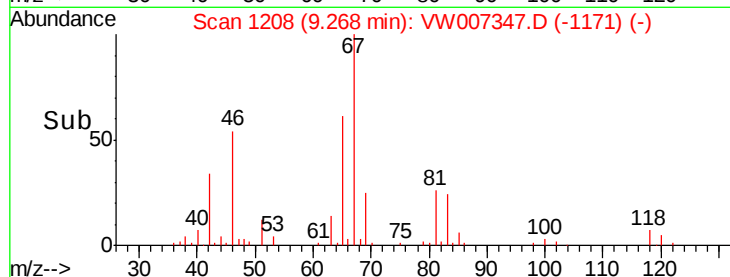
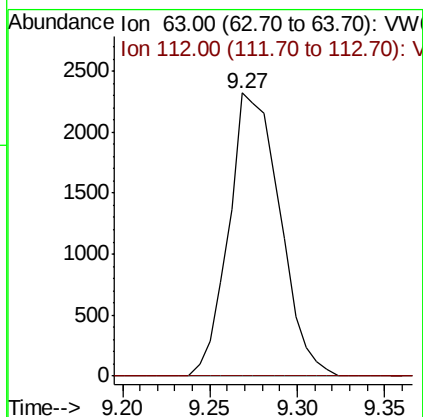
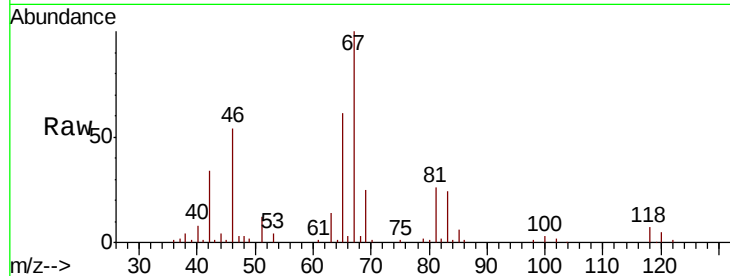




#40
 1,2-Dichloropropane
 Concen: 3.273 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW007347.D
 Acq: 08 Dec 2018 10:20

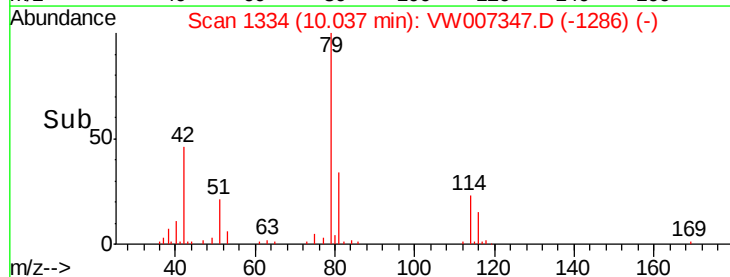
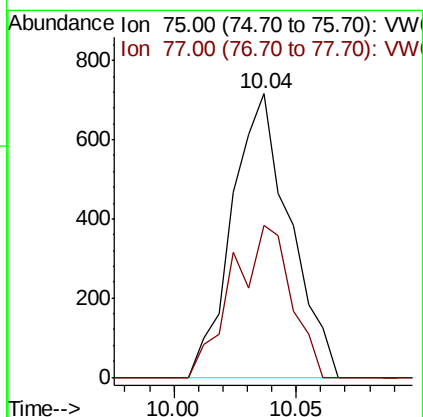
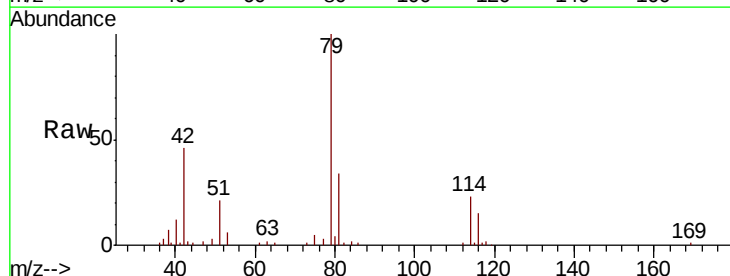
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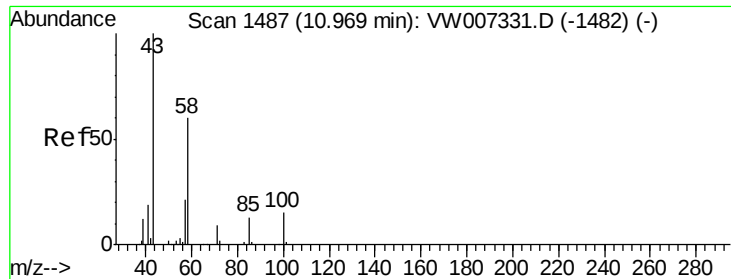
Tgt Ion: 63 Resp: 4718
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.485 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007347.D
 Acq: 08 Dec 2018 10:20

Tgt Ion: 75 Resp: 1174
 Ion Ratio Lower Upper
 75 100
 77 53.4 23.0 42.6#





#49

2-Hexanone

Concen: 3.069 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007347.D

Acq: 08 Dec 2018 10:20

Instrument :

MSVOA_W

ClientSampleId :

F9E15

Tgt Ion: 43 Resp: 2461

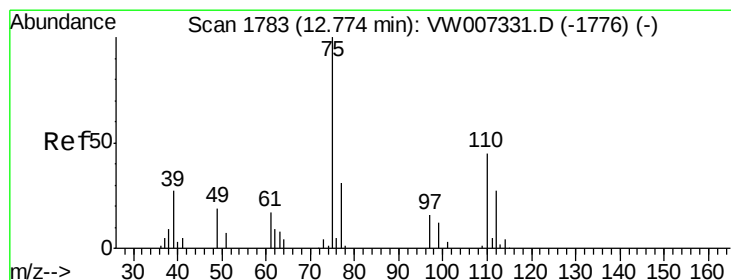
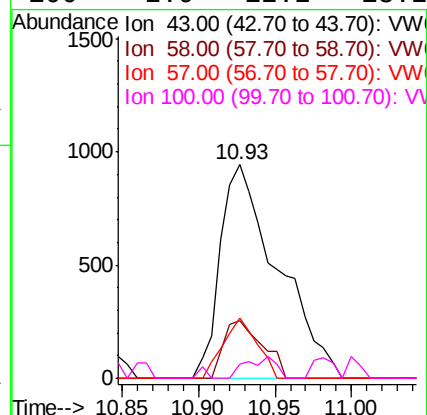
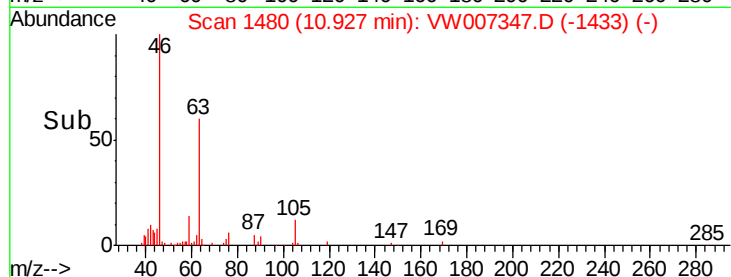
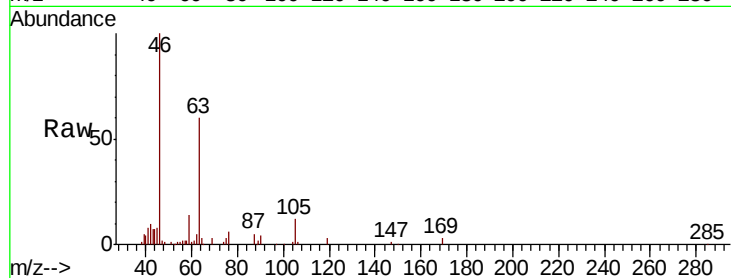
Ion Ratio Lower Upper

43 100

58 18.2 47.2 70.8#

57 16.7 17.6 26.4#

100 2.9 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 4.249 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007347.D

Acq: 08 Dec 2018 10:20

Tgt Ion: 75 Resp: 4949

Ion Ratio Lower Upper

75 100

77 39.3 26.5 39.7

