

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
 Data File : VW003554.D
 Acq On : 25 Jun 2018 18:52
 Operator : SY/AP
 Sample : J3641-03
 Misc : 7.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZC4

Quant Time: Jun 26 03:06:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	240883	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	76271	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	66972	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
7) Chloroethane-d5	2.89	69	55288	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
10) 1,1-Dichloroethene-d2	4.01	63	101593	15.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.64%
20) 2-Butanone-d5	7.09	46	39994	38.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.70%
24) Chloroform-d	7.65	84	154597	24.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	8.31	65	104597	27.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.12%
29) Benzene-d6	8.28	84	276995	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.28	67	98141	26.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.16%
37) Toluene-d8	10.33	98	228252	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.76%
38) trans-1,3-Dichloropropene-	10.58	79	36091	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.16%
39) 2-Hexanone-d5	10.93	63	27766	36.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.48%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	99324	28.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.48%
61) 1,2-Dichlorobenzene-d4	13.87	152	71069	24.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.68%

Target Compounds

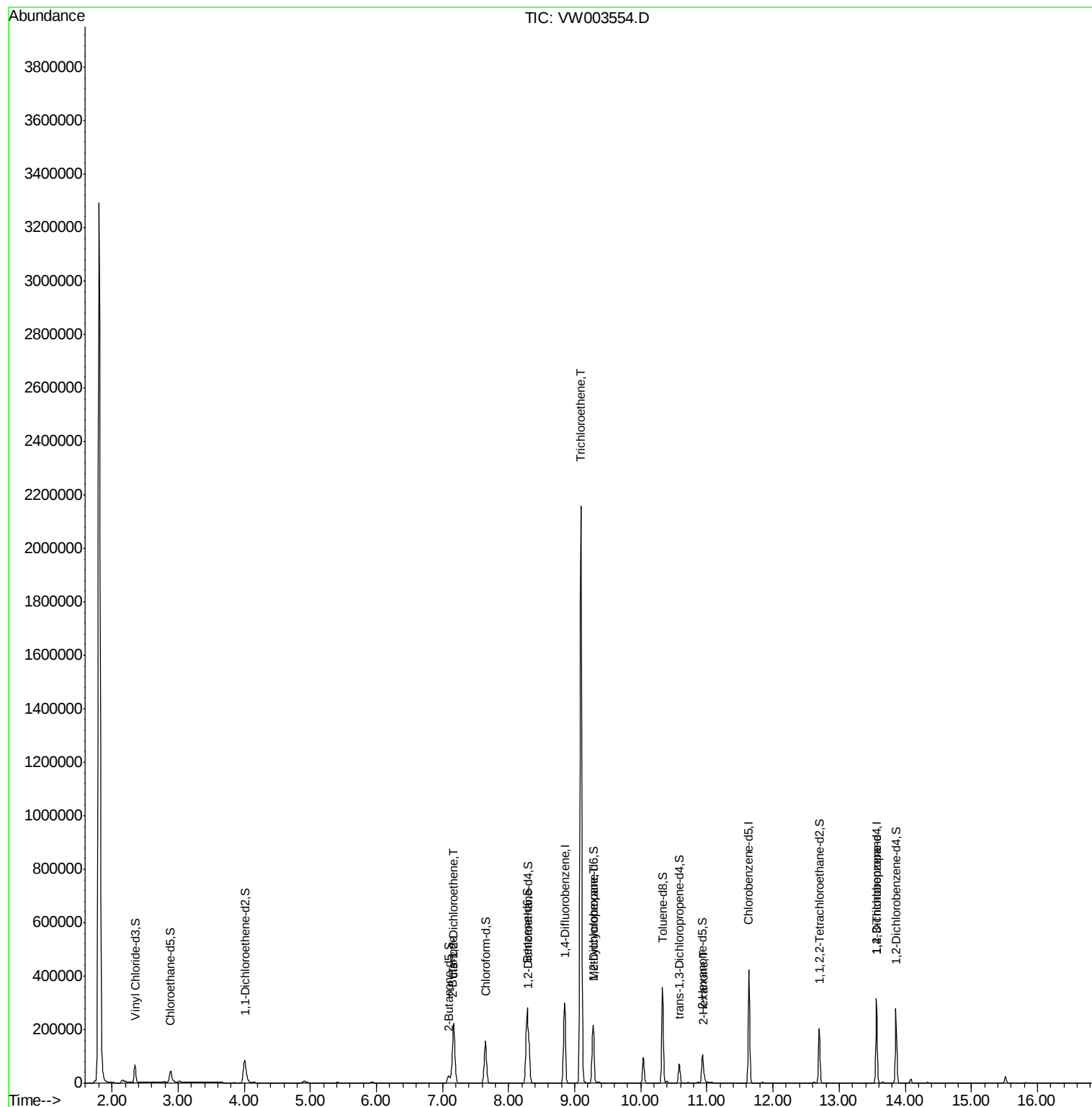
					Qvalue
21) 2-Butanone	7.15	43	10667	8.273 ug/L	80
22) cis-1,2-Dichloroethene	7.17	96	126428	37.918 ug/L	96
35) Trichloroethene	9.09	95	731184	216.093 ug/L	99
36) Methylcyclohexane	9.28	83	22677	3.926 ug/L #	18
49) 2-Hexanone	10.96	43	17588	10.000 ug/L #	43
59) 1,2,3-Trichloropropane	13.57	75	10057	4.036 ug/L #	86

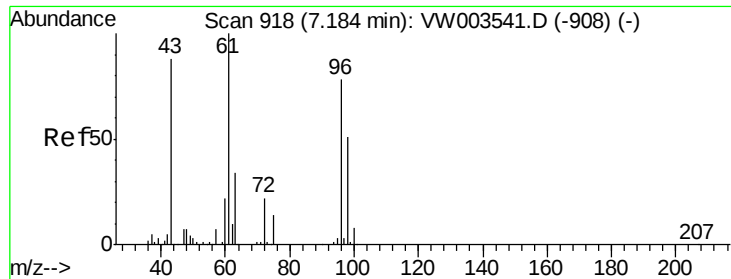
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 26 03:05:07 2018
Response via : Initial Calibration





#21

2-Butanone

Concen: 8.273 ug/L

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW003554.D

Acq: 25 Jun 2018 18:52

Instrument :

MSVOA_W

ClientSampled :

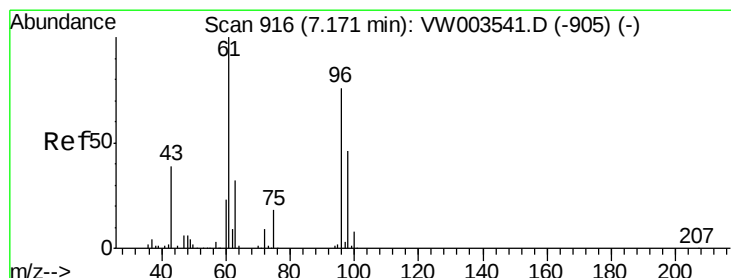
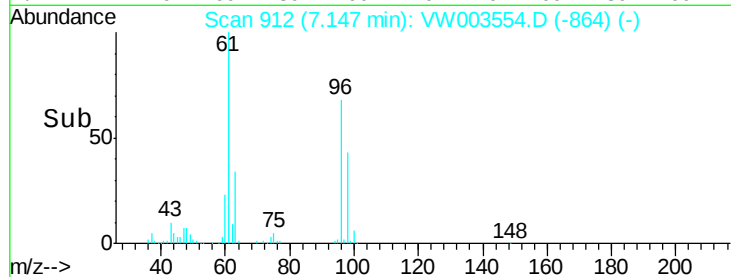
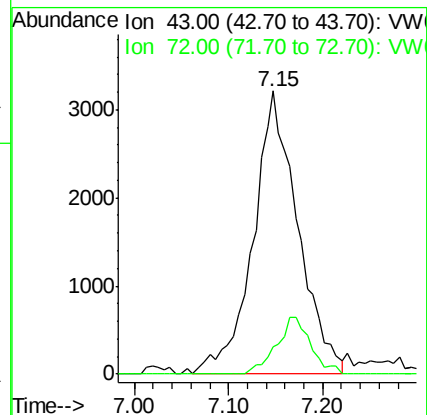
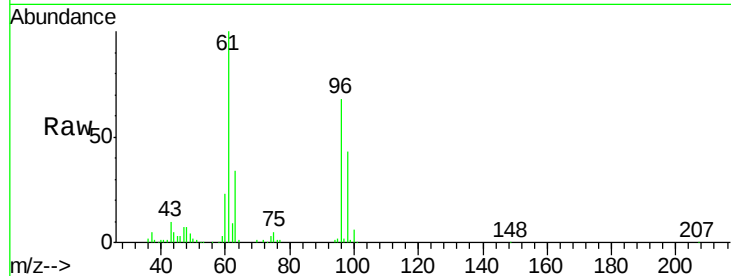
DAZC4

Tgt Ion: 43 Resp: 10667

Ion Ratio Lower Upper

43 100

72 14.9 12.5 37.5



#22

cis-1,2-Dichloroethene

Concen: 37.918 ug/L

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003554.D

Acq: 25 Jun 2018 18:52

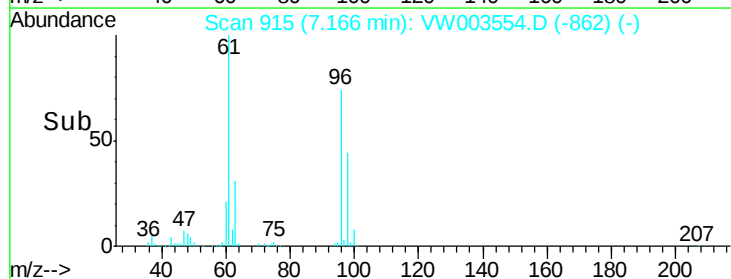
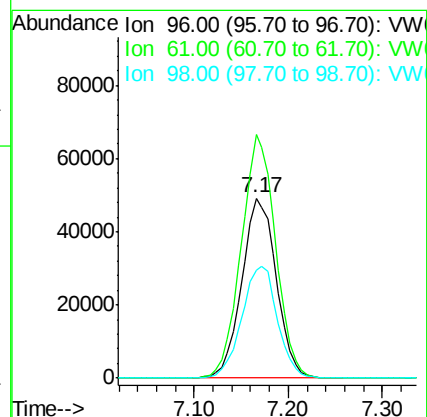
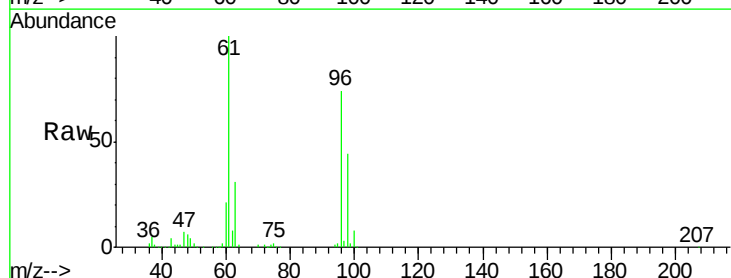
Tgt Ion: 96 Resp: 126428

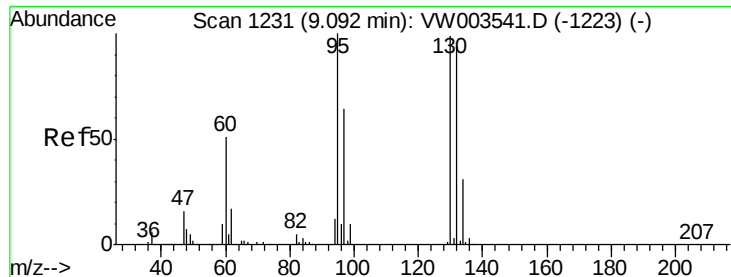
Ion Ratio Lower Upper

96 100

61 135.2 97.7 181.5

98 59.7 45.0 83.6

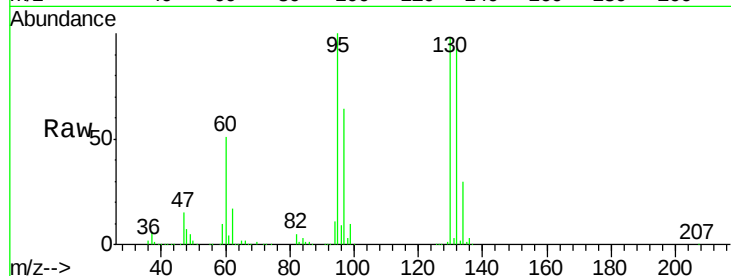




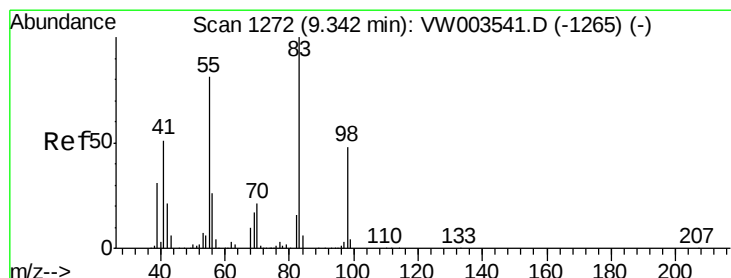
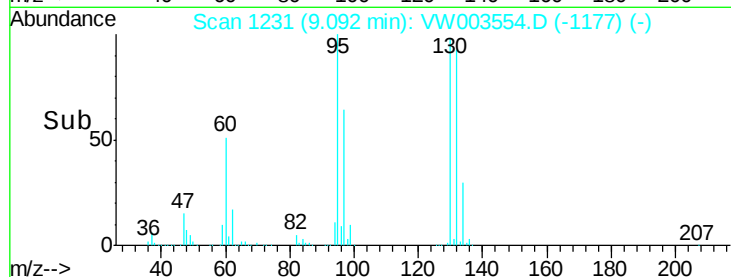
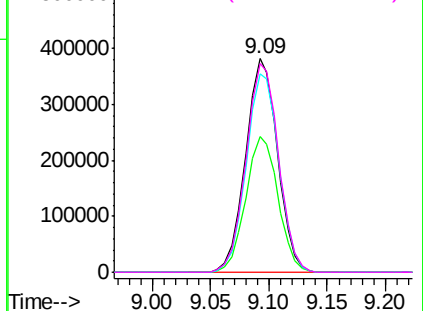
#35
 Trichloroethene
 Concen: 216.093 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW003554.D
 Acq: 25 Jun 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZC4

Tgt Ion: 95 Resp: 731184
 Ion Ratio Lower Upper
 95 100
 97 64.5 45.6 84.6
 132 95.2 67.8 125.8
 130 99.5 70.6 131.0

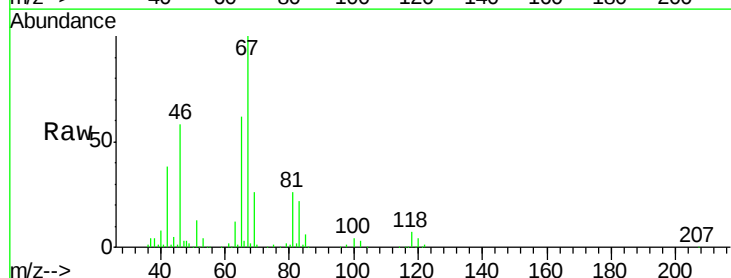


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

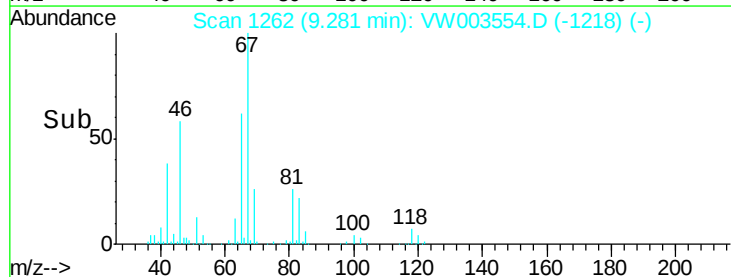
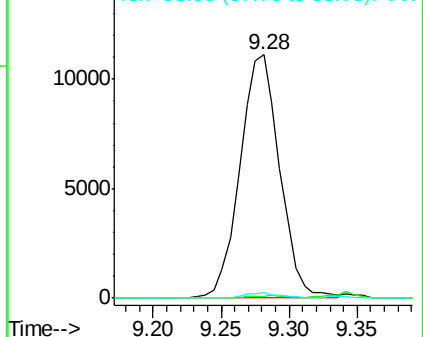


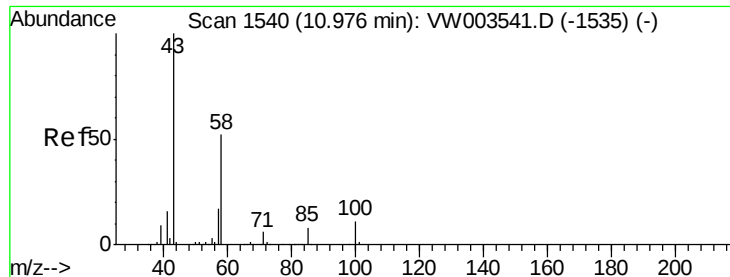
#36
 Methylcyclohexane
 Concen: 3.926 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.06 min
 Lab File: VW003554.D
 Acq: 25 Jun 2018 18:52

Tgt Ion: 83 Resp: 22677
 Ion Ratio Lower Upper
 83 100
 55 0.8 63.9 95.9#
 98 1.6 37.1 55.7#



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





#49

2-Hexanone

Concen: 10.000 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

Lab File: VW003554.D

Acq: 25 Jun 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

DAZC4

Tgt Ion: 43 Resp: 17588

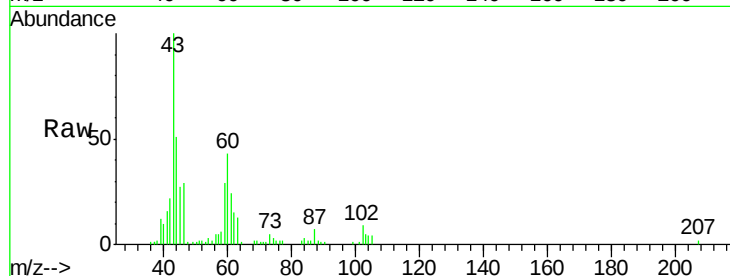
Ion Ratio Lower Upper

43 100

58 2.5 40.4 60.6#

57 0.6 14.6 21.8#

100 0.5 8.6 12.8#

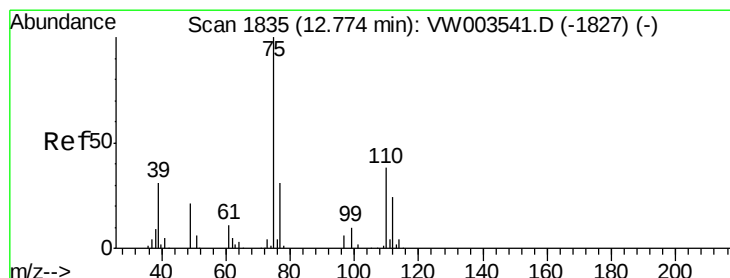
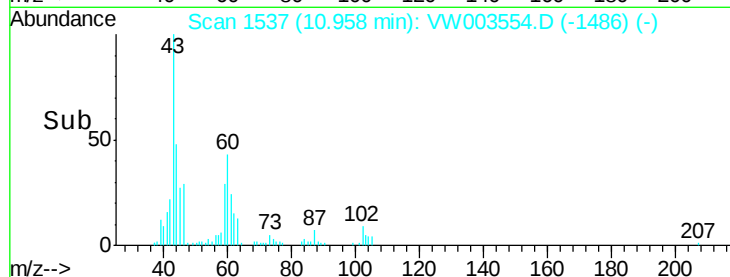
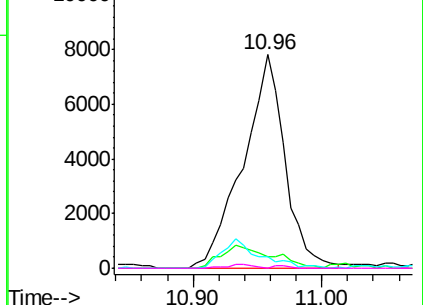


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.036 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW003554.D

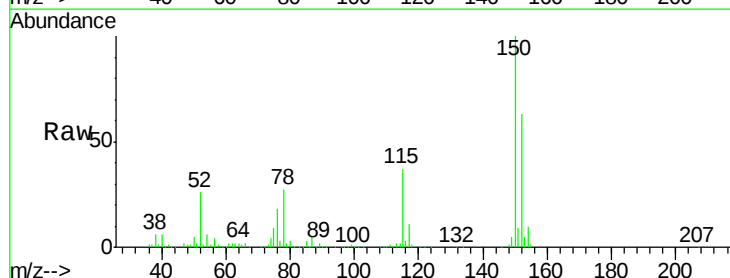
Acq: 25 Jun 2018 18:52

Tgt Ion: 75 Resp: 10057

Ion Ratio Lower Upper

75 100

77 40.3 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

