

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV103019\
 Data File : VW013843.D
 Acq On : 30 Oct 2019 17:45
 Operator : SY/VA
 Sample : K5596-05
 Misc : 3.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQA6

Quant Time: Oct 31 05:33:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	306356	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	290507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86162	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
7) Chloroethane-d5	2.89	69	73302	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.56%
10) 1,1-Dichloroethene-d2	4.02	63	127756	15.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.56%
20) 2-Butanone-d5	7.07	46	74877	55.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.40%
24) Chloroform-d	7.65	84	185284	21.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.44%
26) 1,2-Dichloroethane-d4	8.30	65	109271	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.52%
29) Benzene-d6	8.27	84	386758	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	9.27	67	123104	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.32	98	342756	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.16%
38) trans-1,3-Dichloropropene-	10.58	79	50208	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.40%
39) 2-Hexanone-d5	10.93	63	61102	61.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114895	26.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	106520	22.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.60%

Target Compounds

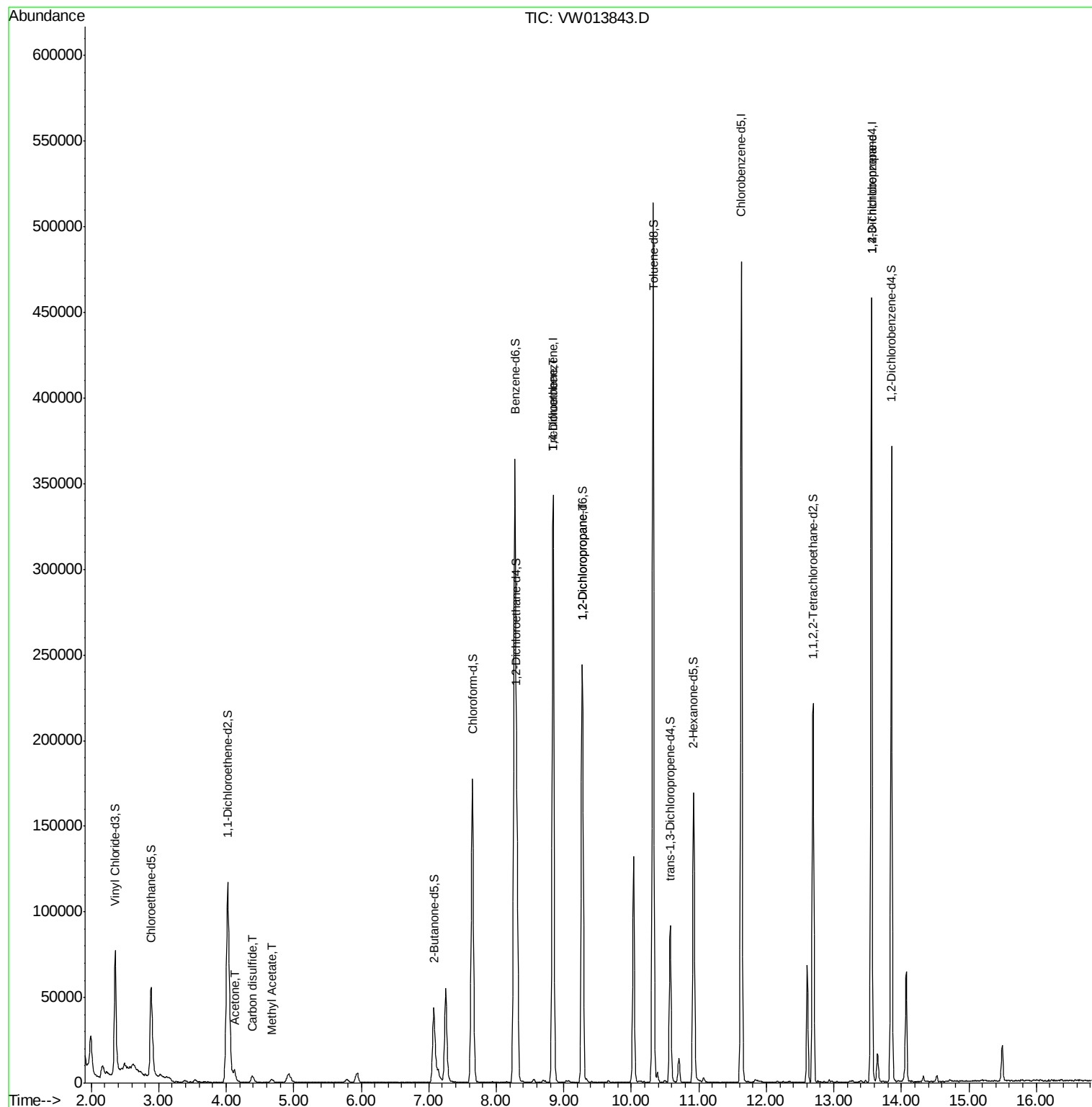
					Ovalue
13) Acetone	4.12	43	11655	7.811 ug/L	95
14) Carbon disulfide	4.38	76	6114	0.439 ug/L	98
15) Methyl Acetate	4.67	43	3497	1.434 ug/L #	57
35) Trichloroethene	8.84	95	8741	1.634 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12835	2.518 ug/L #	85
59) 1,2,3-Trichloropropane	13.56	75	12920	3.761 ug/L	92

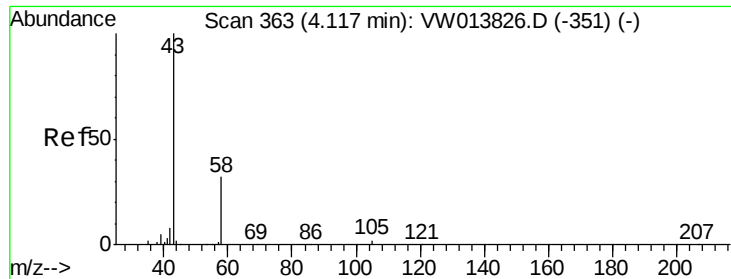
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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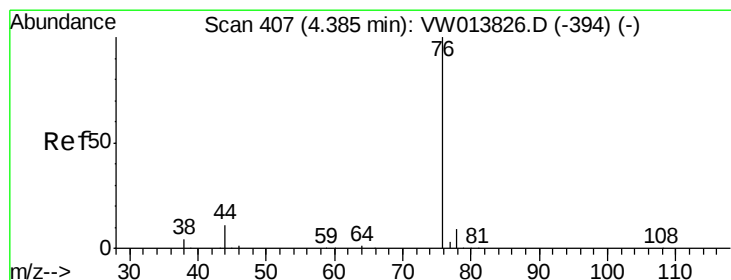
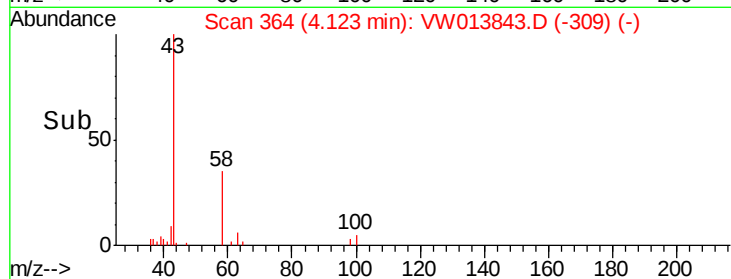
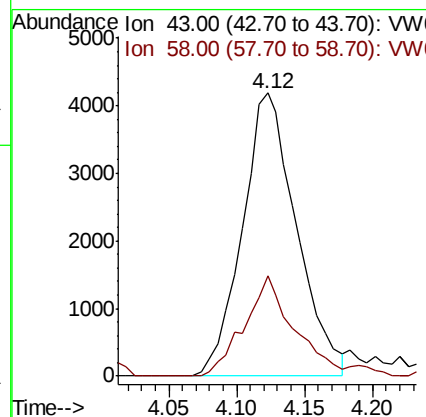
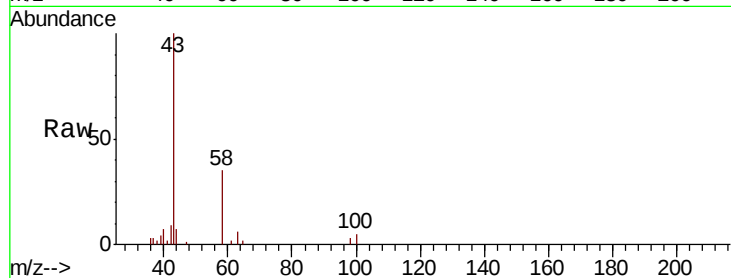




#13
Acetone
Concen: 7.811 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW013843.D
Acq: 30 Oct 2019 17:45

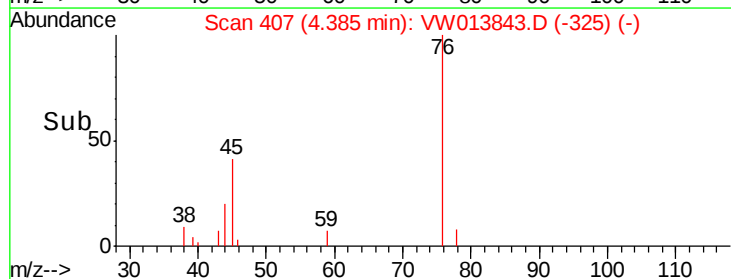
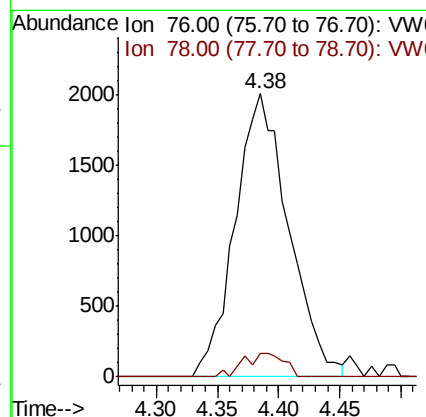
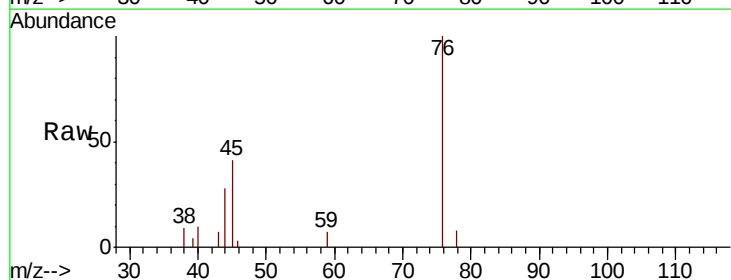
Instrument :
MSVOA_W
ClientSampleId :
GAQA6

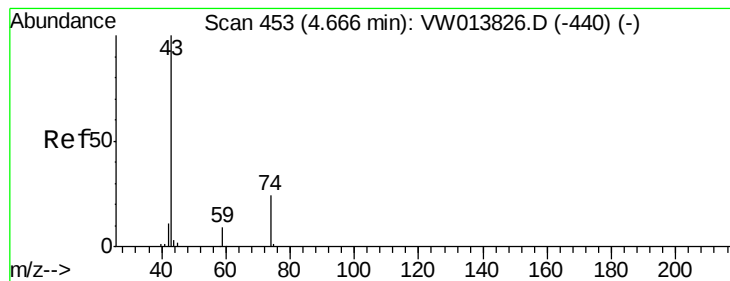
Tot Ion: 43 Resp: 11655
Ion Ratio Lower Upper
43 100
58 32.2 0.0 70.4



#14
Carbon disulfide
Concen: 0.439 ug/L
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW013843.D
Acq: 30 Oct 2019 17:45

Tgt Ion: 76 Resp: 6114
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7





#15

Methvl Acetate

Concen: 1.434 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013843.D

Acq: 30 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

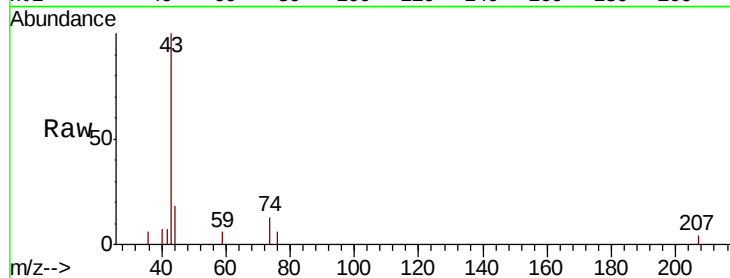
GAQA6

Tot Ion: 43 Resp: 3497

Ion Ratio Lower Upper

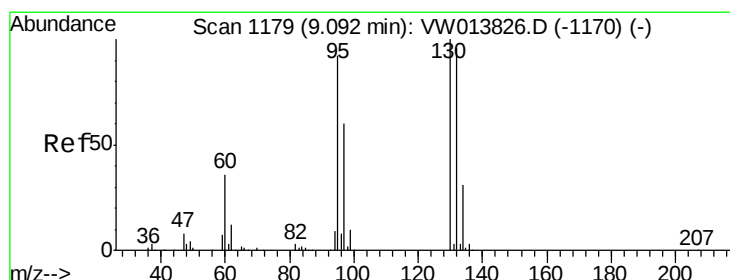
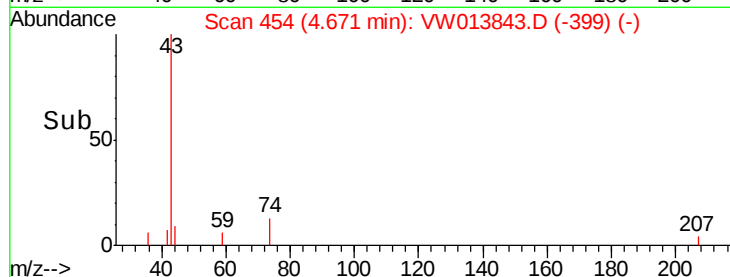
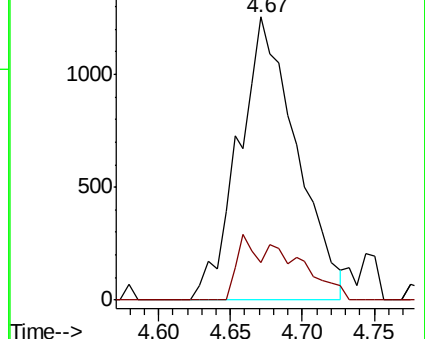
43 100

74 2.6 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#35

Trichloroethene

Concen: 1.634 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013843.D

Acq: 30 Oct 2019 17:45

Tgt Ion: 95 Resp: 8741

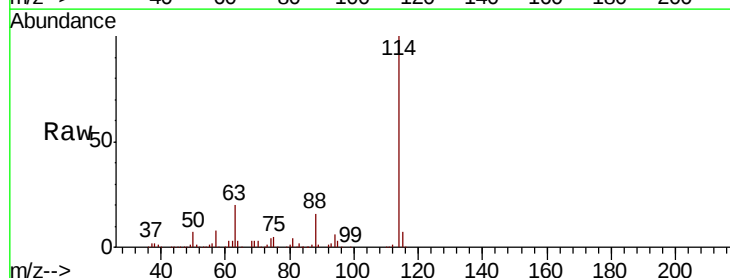
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 1.1 74.3 138.1#

130 0.0 76.6 142.3#

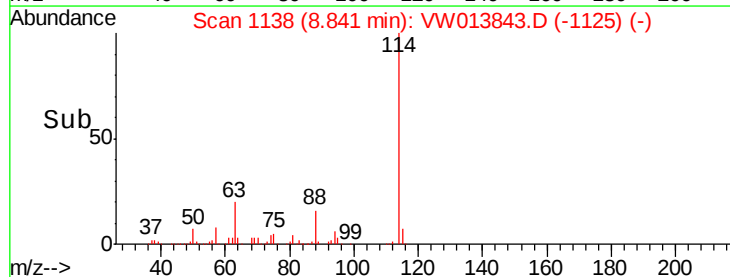
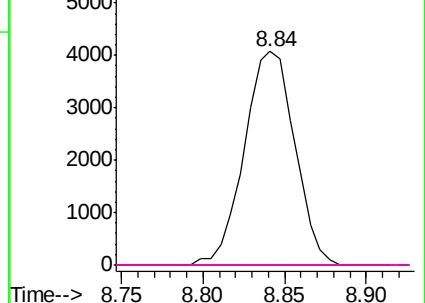


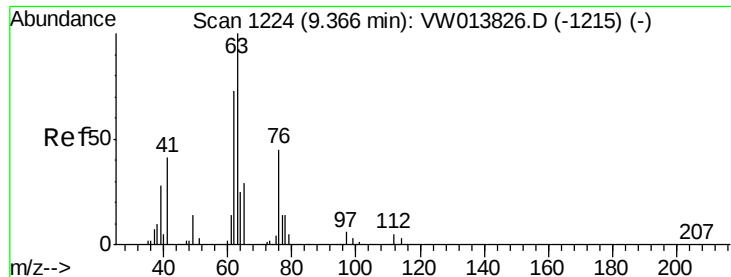
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#40

1,2-Dichloropropane

Concen: 2.518 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013843.D

Acq: 30 Oct 2019 17:45

Instrument :

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ClientSampleId :

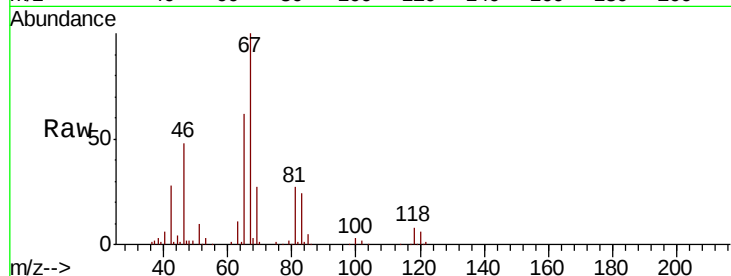
GAQA6

Tot Ion: 63 Resp: 12835

Ion Ratio Lower Upper

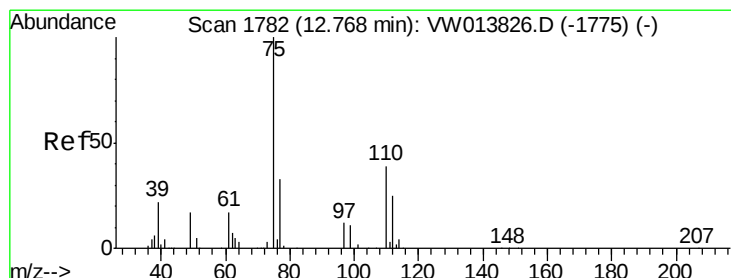
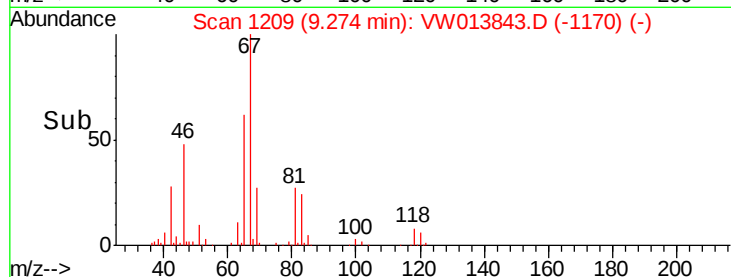
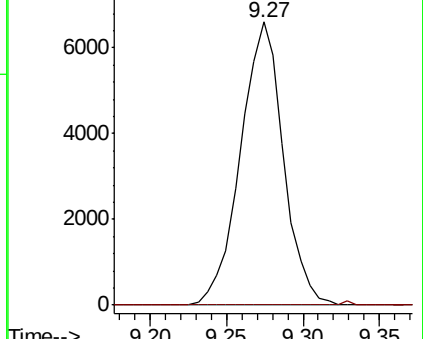
63 100

112 0.0 3.9 5.9#



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: 3.761 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013843.D

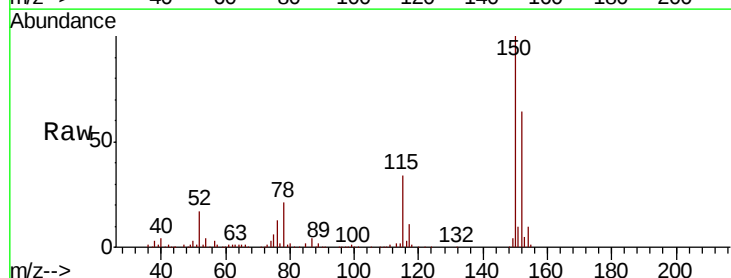
Acq: 30 Oct 2019 17:45

Tgt Ion: 75 Resp: 12920

Ion Ratio Lower Upper

75 100

77 37.4 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

