

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004902.D
 Acq On : 23 Aug 2018 17:27
 Operator : SY/AP
 Sample : J4624-05
 Misc : 6.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:02:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	850619	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	821223	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	412377	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	305214	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
7) Chloroethane-d5	2.89	69	233961	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
10) 1,1-Dichloroethene-d2	4.03	63	322882	15.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.92%
20) 2-Butanone-d5	7.09	46	115172	35.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.40%
24) Chloroform-d	7.66	84	399606	21.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	8.31	65	217525	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.80%
29) Benzene-d6	8.28	84	1009040	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.28	67	297617	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.92%
37) Toluene-d8	10.33	98	1030426	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	10.59	79	126845	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.00%
39) 2-Hexanone-d5	10.93	63	123896	40.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	258433	20.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	376961	22.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.04%

Target Compounds

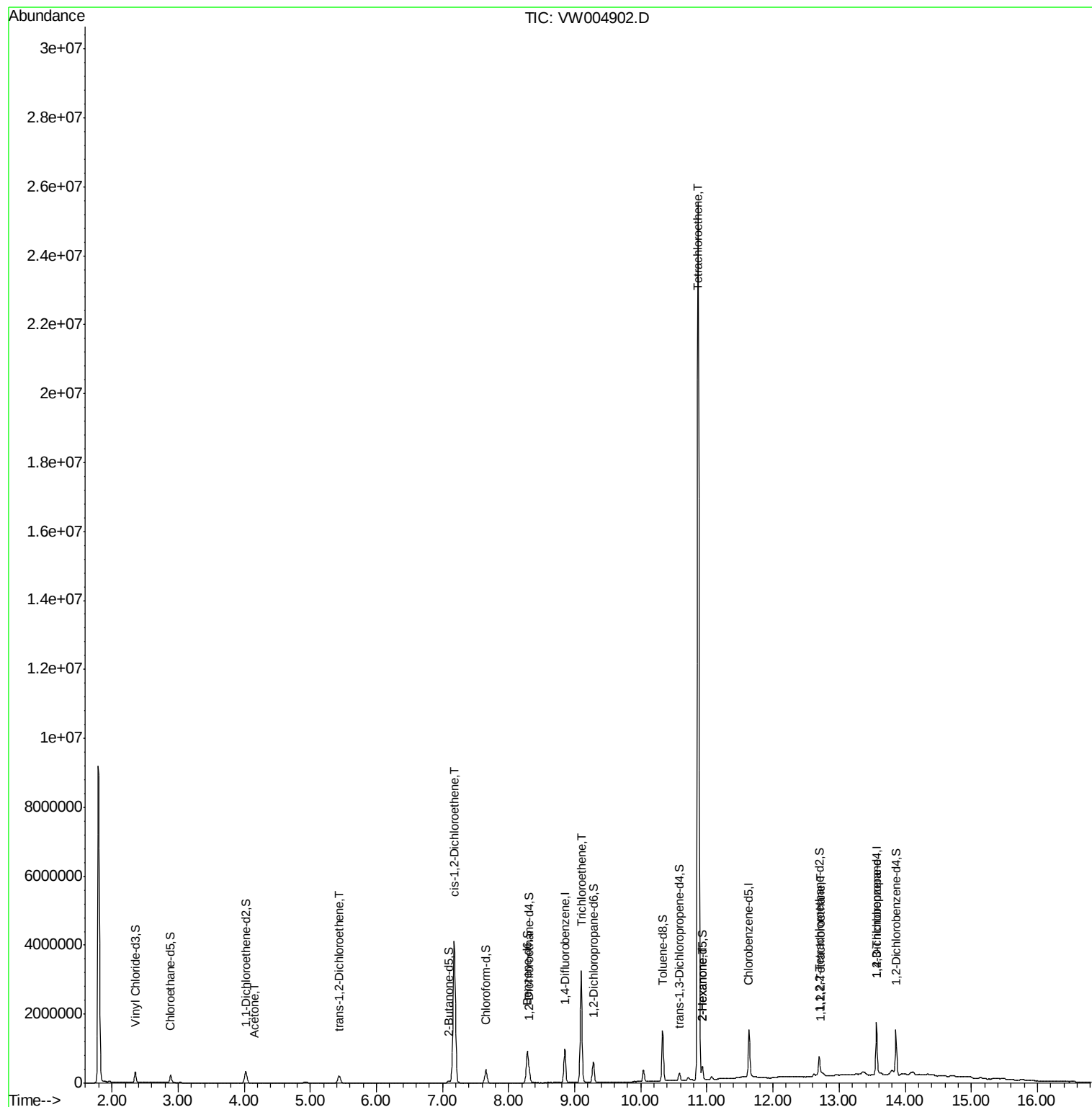
					Ovalue
13) Acetone	4.15	43	8835	3.486 ug/L	96
18) trans-1,2-Dichloroethene	5.43	96	138727	13.453 ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	2570910	231.034 ug/L	97
35) Trichloroethene	9.10	95	1177946	101.169 ug/L	99
47) Tetrachloroethene	10.87	164	6164839	540.828 ug/L	99
49) 2-Hexanone	10.93	43	15362	2.338 ug/L #	63
58) 1,1,2,2-Tetrachloroethane	12.72	83	40970	3.197 ug/L #	44
59) 1,2,3-Trichloropropane	13.57	75	47865	4.848 ug/L	89

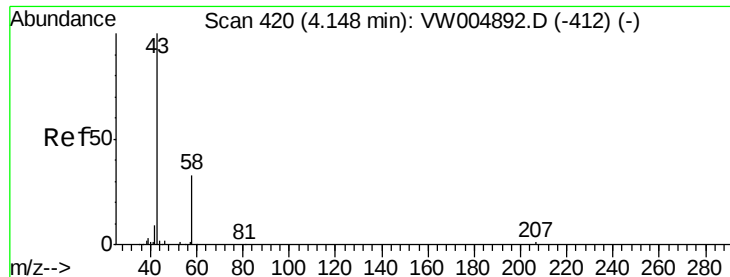
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 24 05:01:02 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.486 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW004902.D

Acq: 23 Aug 2018 17:27

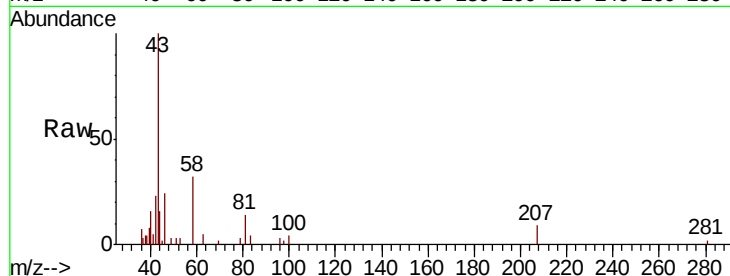
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 8835

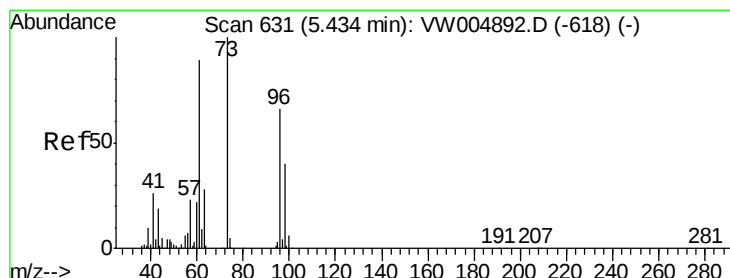
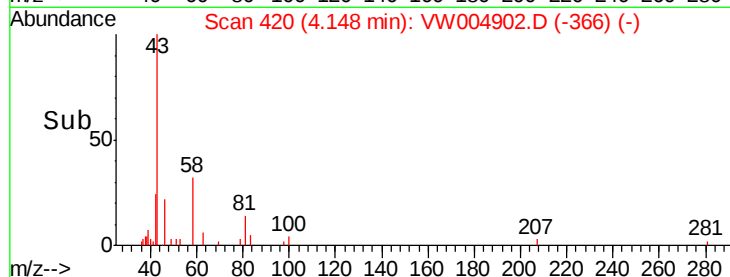
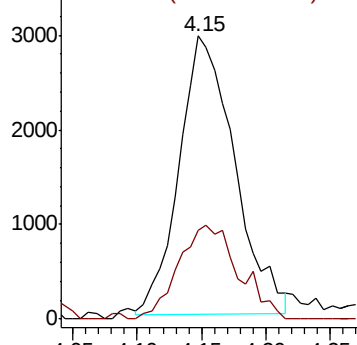
Ion Ratio Lower Upper

43 100

58 32.5 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#18

trans-1,2-Dichloroethene

Concen: 13.453 ug/L

RT: 5.43 min Scan# 631

Delta R.T. 0.00 min

Lab File: VW004902.D

Acq: 23 Aug 2018 17:27

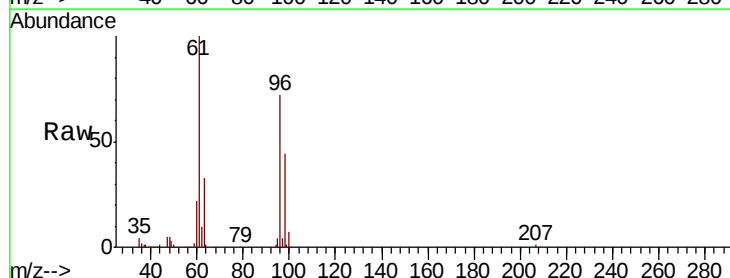
Tgt Ion: 96 Resp: 138727

Ion Ratio Lower Upper

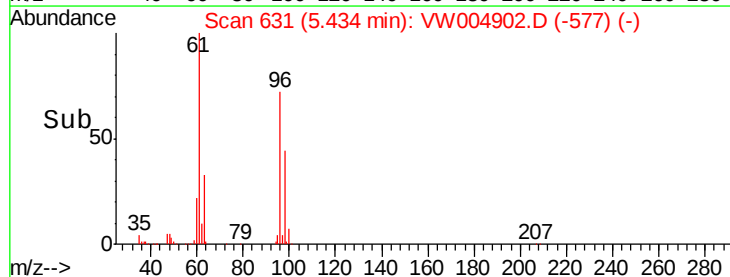
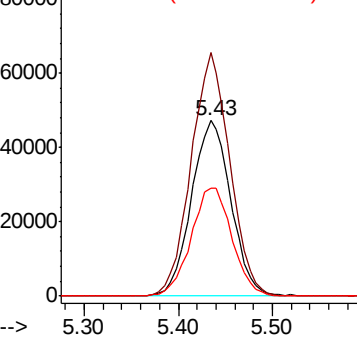
96 100

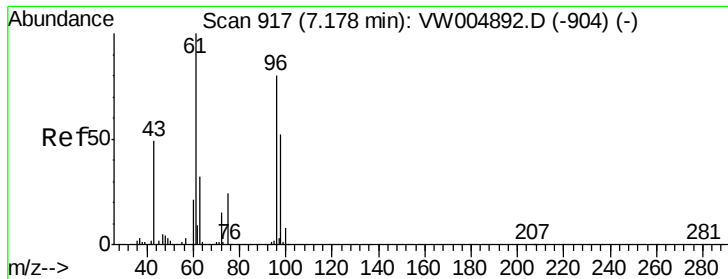
61 138.9 92.5 171.9

98 61.8 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



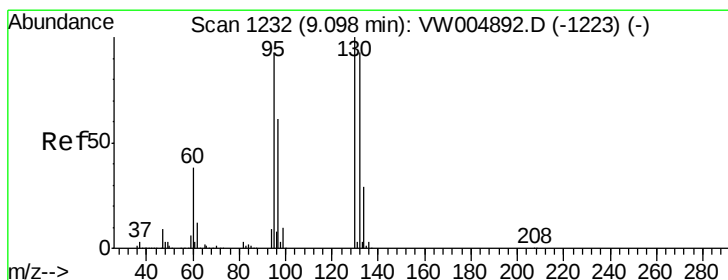
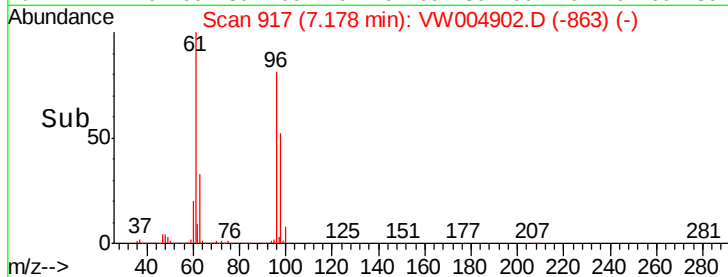
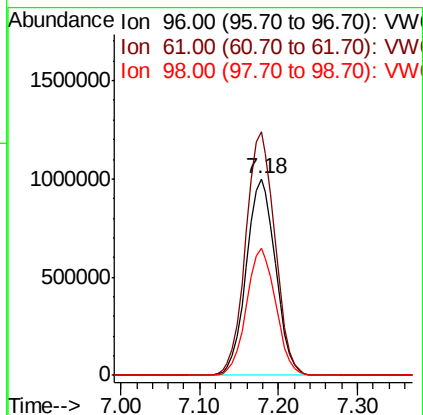
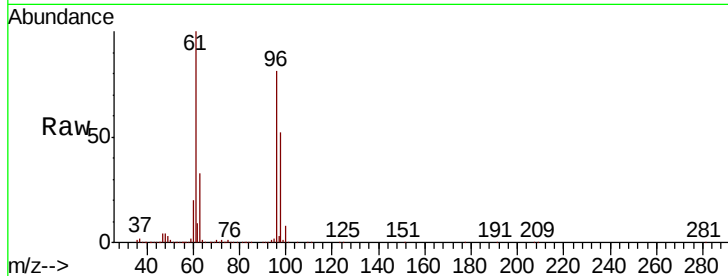


#22

cis-1,2-Dichloroethene
Concen: 231.034 ug/L
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW004902.D
Acq: 23 Aug 2018 17:27

Instrument :
MSVOA_W
ClientSampleId :

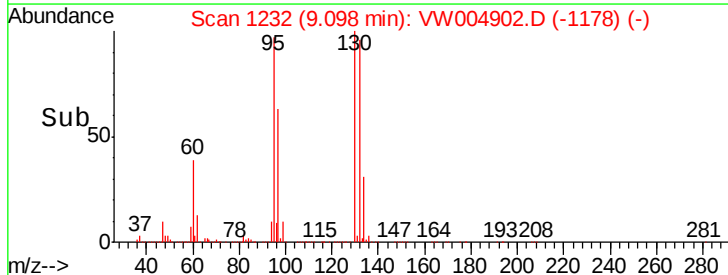
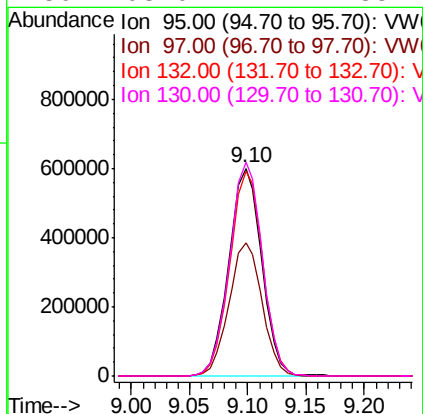
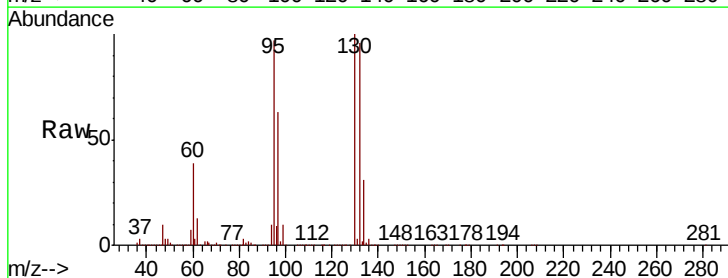
Tot Ion: 96 Resp: 2570910
Ion Ratio Lower Upper
96 100
61 124.0 89.7 166.7
98 64.6 45.0 83.6

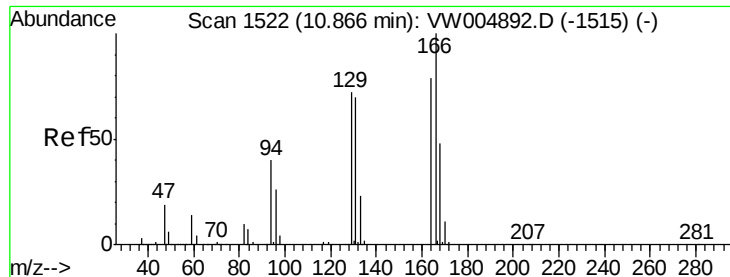


#35

Trichloroethene
Concen: 101.169 ug/L
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW004902.D
Acq: 23 Aug 2018 17:27

Tgt Ion: 95 Resp: 1177946
Ion Ratio Lower Upper
95 100
97 64.6 45.9 85.3
132 99.2 69.2 128.4
130 103.0 72.7 135.1





#47

Tetrachloroethene

Concen: 540.828 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004902.D

Acq: 23 Aug 2018 17:27

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 6164839

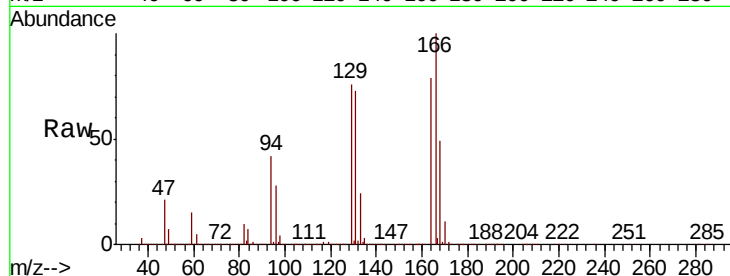
Ion Ratio Lower Upper

164 100

129 96.1 66.8 124.0

131 92.8 64.0 119.0

166 126.4 89.8 166.8

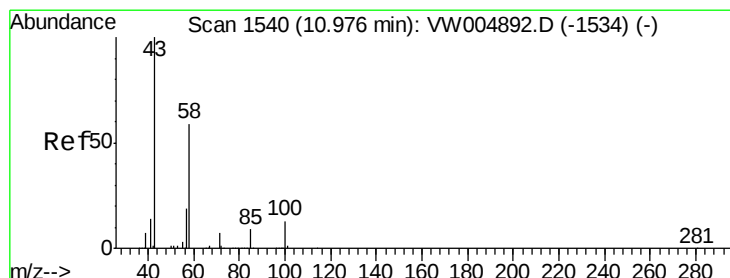
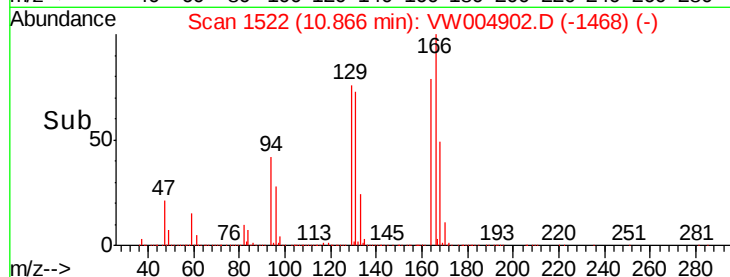
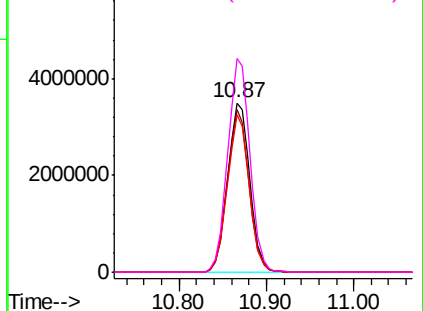


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 2.338 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004902.D

Acq: 23 Aug 2018 17:27

Tgt Ion: 43 Resp: 15362

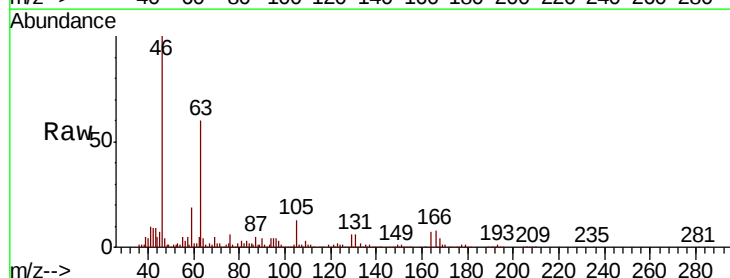
Ion Ratio Lower Upper

43 100

58 26.6 44.6 67.0#

57 34.0 15.4 23.2#

100 0.4 9.6 14.4#

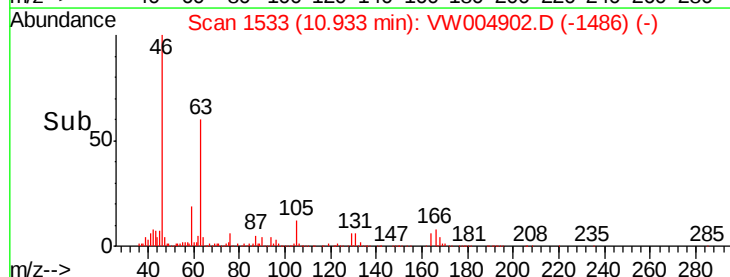
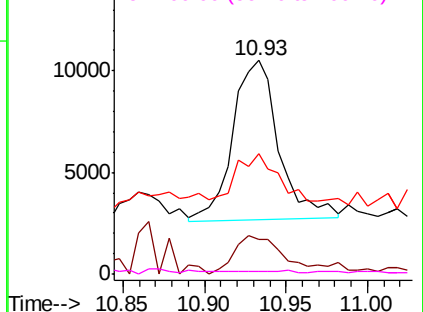


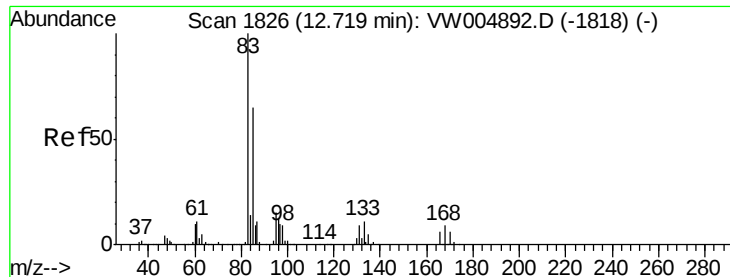
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#58

1,1,2,2-Tetrachloroethane

Concen: 3.197 ug/L

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004902.D

Acq: 23 Aug 2018 17:27

Instrument :

MSVOA_W

ClientSampled :

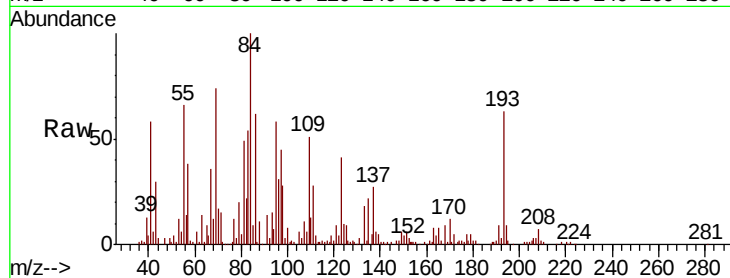
Tot Ion: 83 Resp: 40970

Ion Ratio Lower Upper

83 100

85 16.6 46.3 85.9#

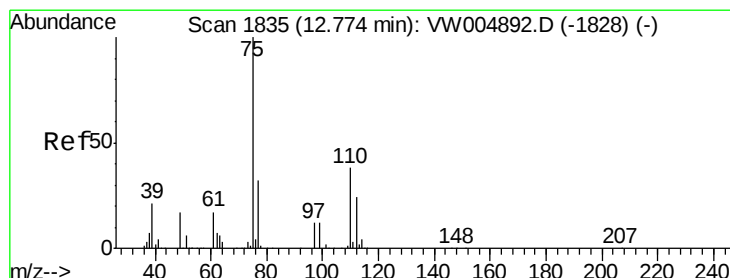
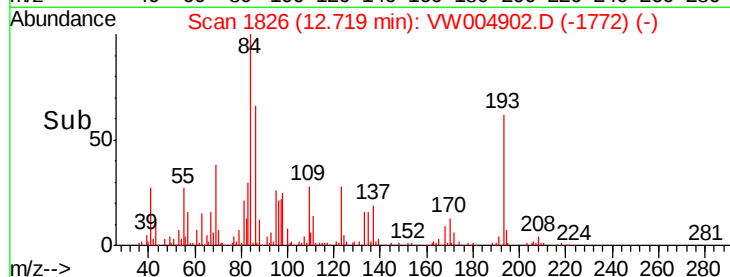
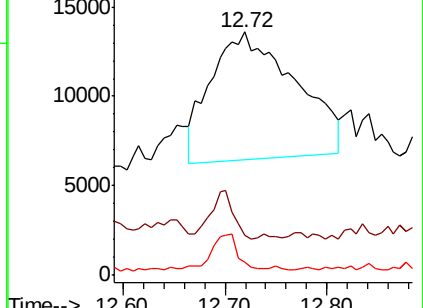
131 5.4 7.8 11.6#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.848 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004902.D

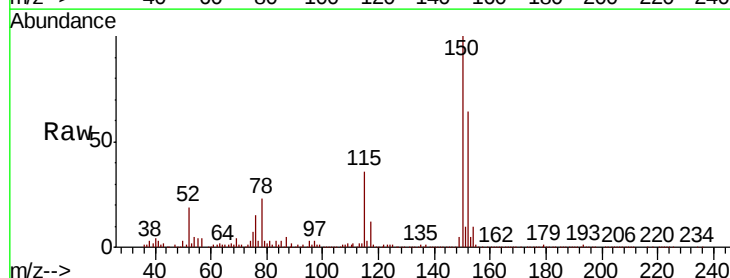
Acq: 23 Aug 2018 17:27

Tgt Ion: 75 Resp: 47865

Ion Ratio Lower Upper

75 100

77 37.9 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

