

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080218\
 Data File : VW004422.D
 Acq On : 03 Aug 2018 02:48
 Operator : SY/AP
 Sample : J4261-15
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FA0

Quant Time: Aug 03 05:35:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	893773	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	865861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	296806	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	336940	30.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.24%
7) Chloroethane-d5	2.89	69	274155	29.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.24%
10) 1,1-Dichloroethene-d2	4.01	63	469091	20.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.12%
20) 2-Butanone-d5	7.09	46	184172	37.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.14%
24) Chloroform-d	7.65	84	631804	26.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	8.31	65	353311	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.76%
29) Benzene-d6	8.28	84	1250938	27.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.64%
33) 1,2-Dichloropropane-d6	9.28	67	404540	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.48%
37) Toluene-d8	10.33	98	1042242	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.68%
38) trans-1,3-Dichloropropene-	10.58	79	140482	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.76%
39) 2-Hexanone-d5	10.93	63	160418	43.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.54%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	334424	20.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	290572	26.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.28%

Target Compounds

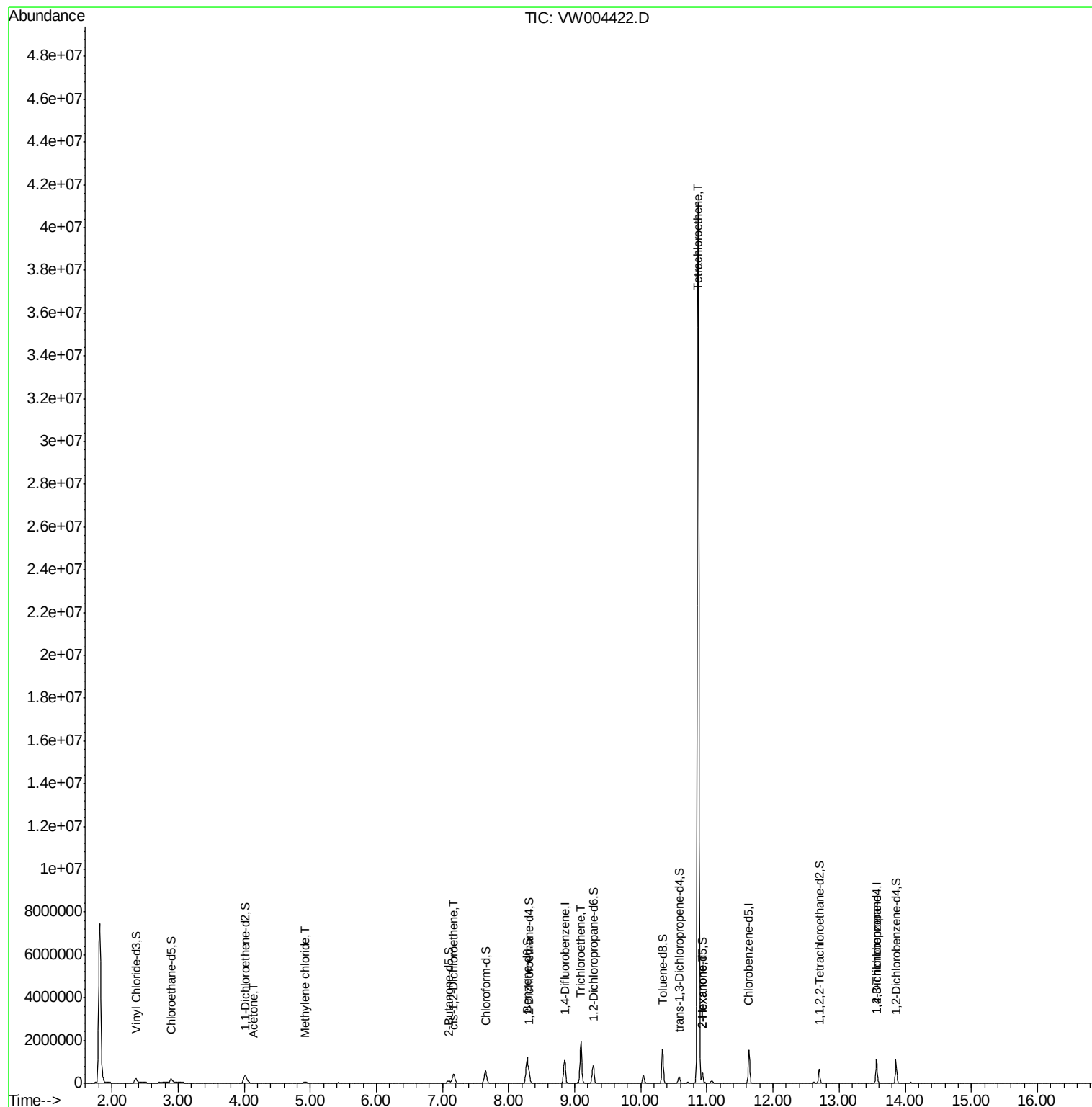
					Ovalue
13) Acetone	4.14	43	9729	2.291 ug/L	97
16) Methylene chloride	4.92	84	44755	2.521 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	205452	14.852 ug/L	98
35) Trichloroethene	9.09	95	696469	51.867 ug/L	99
47) Tetrachloroethene	10.87	164	9161879	862.333 ug/L	97
49) 2-Hexanone	10.93	43	19866	2.494 ug/L #	64
59) 1,2,3-Trichloropropane	13.57	75	38773	3.254 ug/L	92

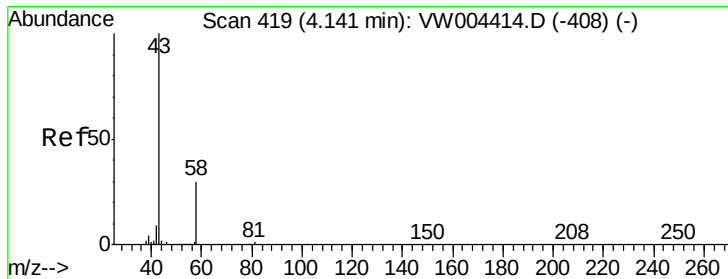
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 05:29:00 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.291 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VW004422.D

Acq: 03 Aug 2018 02:48

Instrument :

MSVOA_W

ClientSampled :

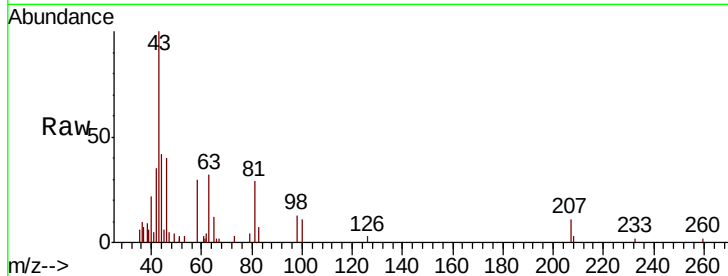
E5FA0

Tot Ion: 43 Resp: 9729

Ion Ratio Lower Upper

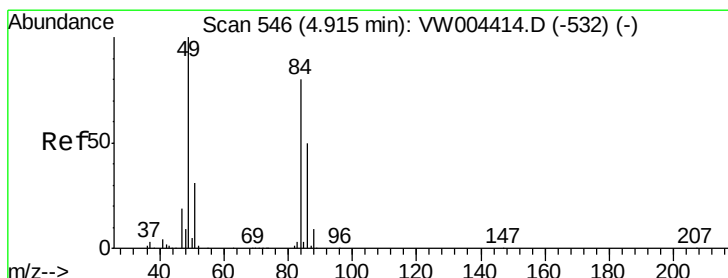
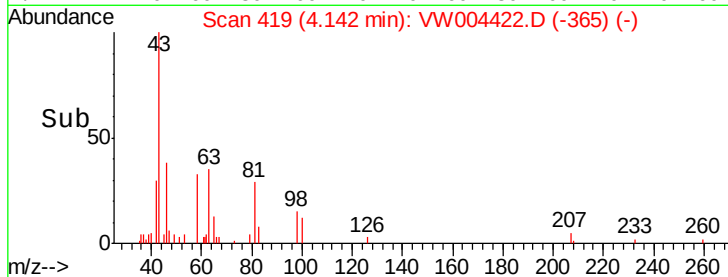
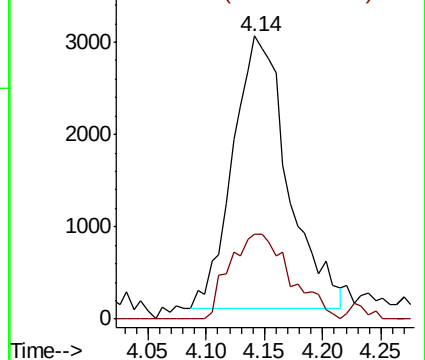
43 100

58 31.6 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.521 ug/L

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004422.D

Acq: 03 Aug 2018 02:48

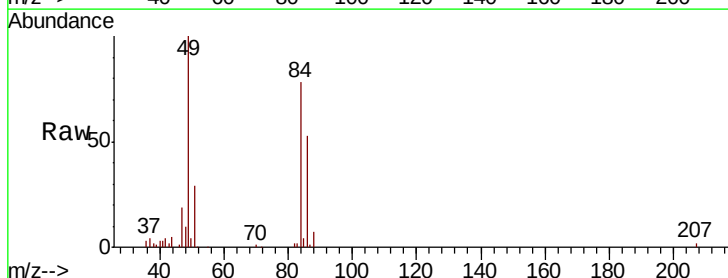
Tgt Ion: 84 Resp: 44755

Ion Ratio Lower Upper

84 100

49 127.4 86.0 159.6

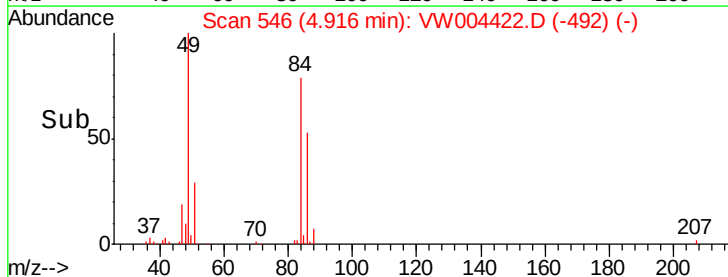
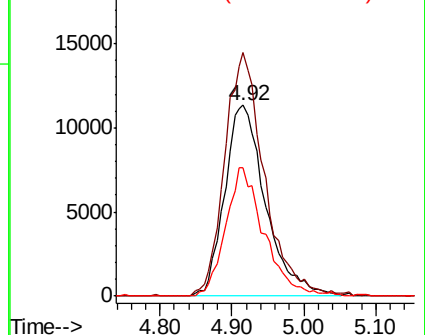
86 67.3 43.5 80.9

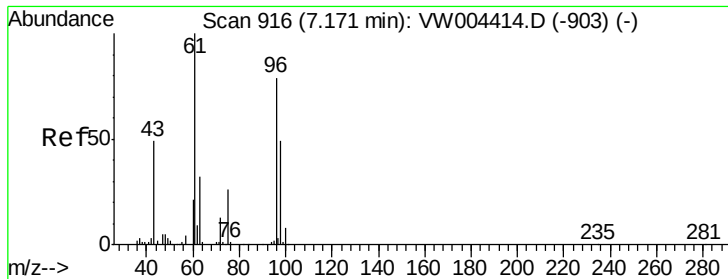


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#22

cis-1,2-Dichloroethene

Concen: 14.852 ug/L

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW004422.D

Acq: 03 Aug 2018 02:48

Instrument :

MSVOA_W

ClientSampled :

E5FA0

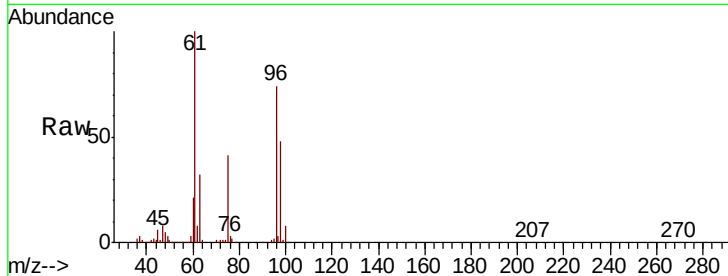
Tot Ion: 96 Resp: 205452

Ion Ratio Lower Upper

96 100

61 134.5 92.5 171.7

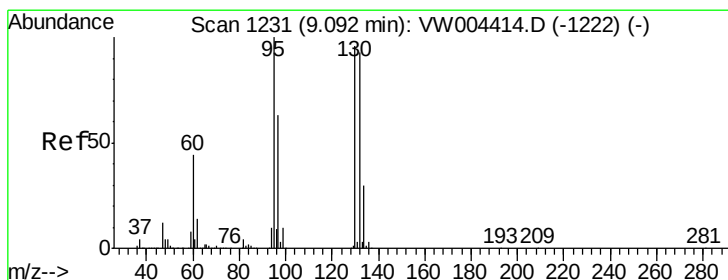
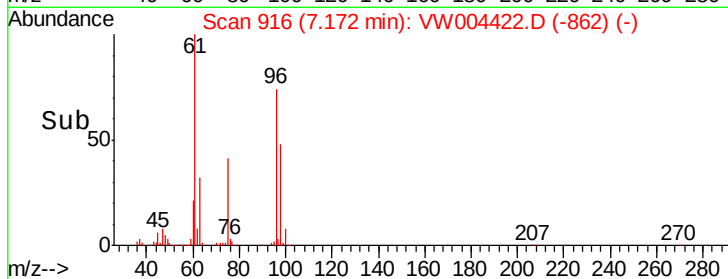
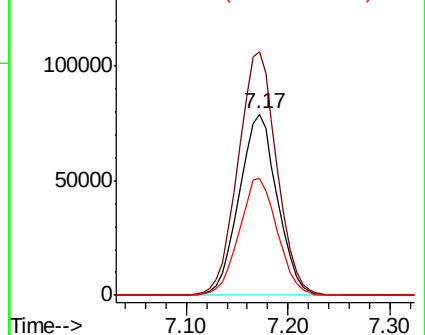
98 64.8 44.1 81.9



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



#35

Trichloroethene

Concen: 51.867 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004422.D

Acq: 03 Aug 2018 02:48

Tgt Ion: 95 Resp: 696469

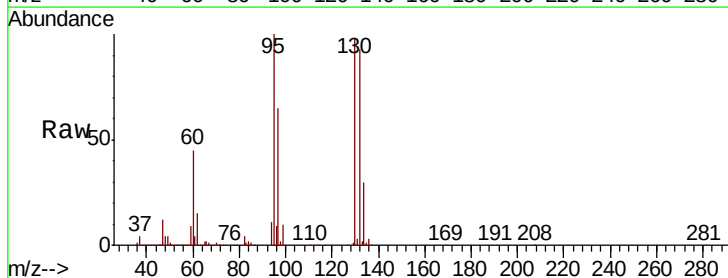
Ion Ratio Lower Upper

95 100

97 64.9 44.9 83.5

132 95.4 67.6 125.6

130 99.4 69.1 128.3

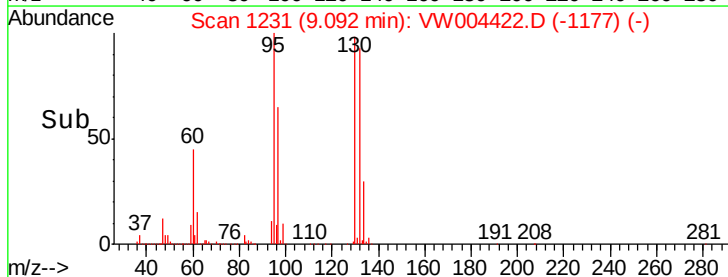
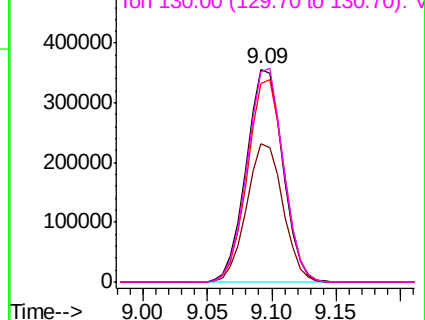


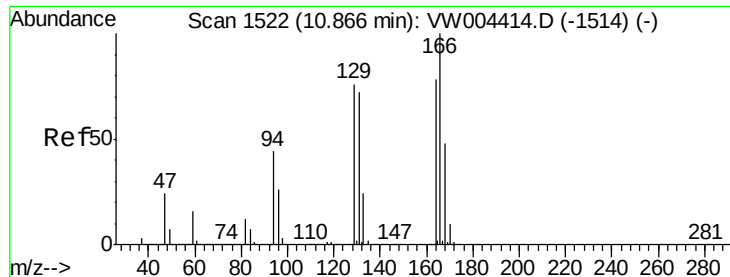
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#47

Tetrachloroethene

Concen: 862.333 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004422.D

Acq: 03 Aug 2018 02:48

Instrument :

MSVOA_W

ClientSampled :

E5FA0

Tot Ion:164 Resp: 9161879

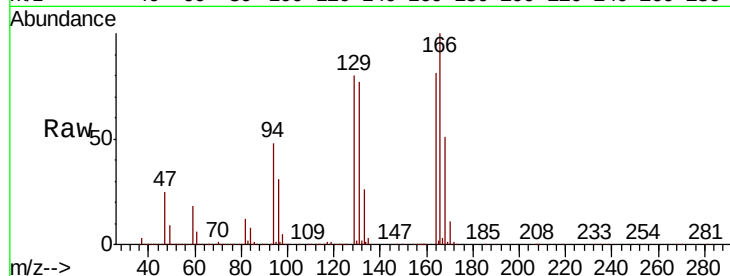
Ion Ratio Lower Upper

164 100

129 98.9 65.4 121.4

131 94.9 63.8 118.6

166 124.0 88.1 163.5

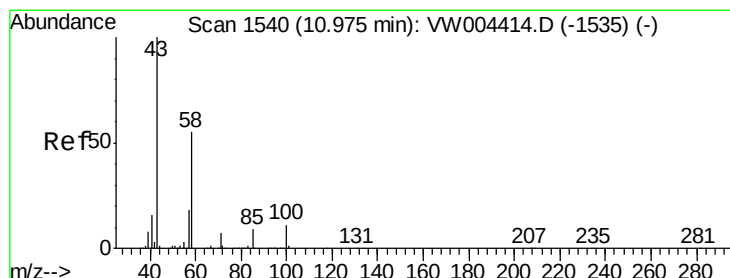
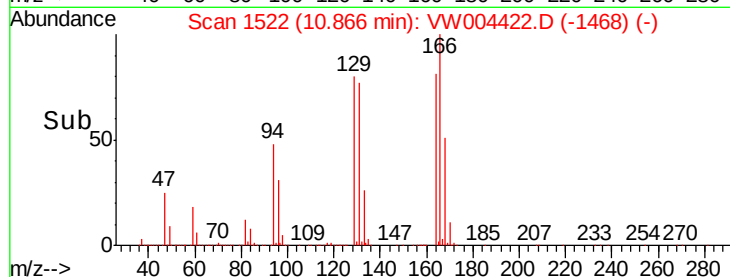
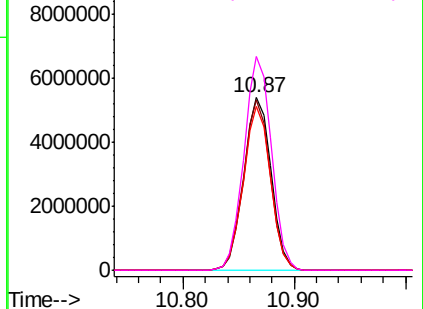


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.494 ug/L

RT: 10.93 min Scan# 1532

Delta R.T. -0.05 min

Lab File: VW004422.D

Acq: 03 Aug 2018 02:48

Tgt Ion: 43 Resp: 19866

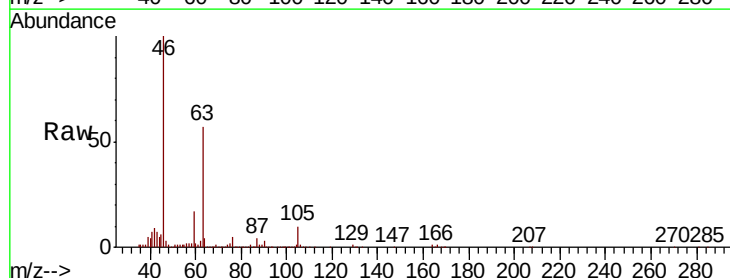
Ion Ratio Lower Upper

43 100

58 22.1 43.4 65.0#

57 27.2 15.0 22.6#

100 2.2 8.9 13.3#

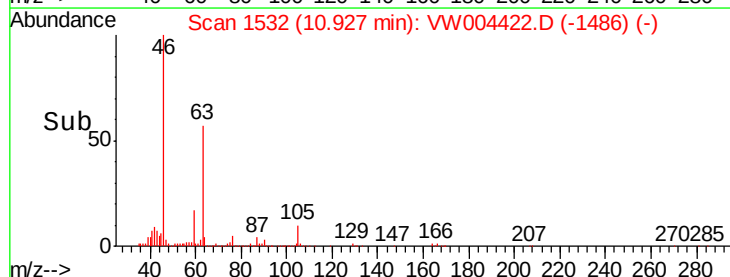
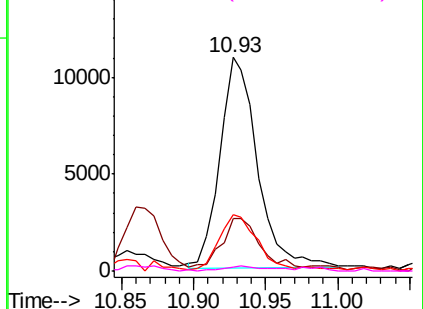


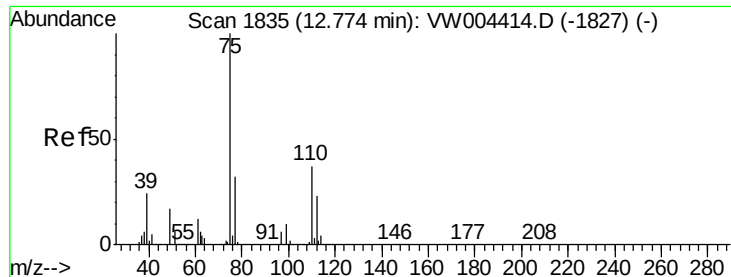
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 3.254 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004422.D

Acq: 03 Aug 2018 02:48

Instrument :

MSVOA_W

ClientSampleId :

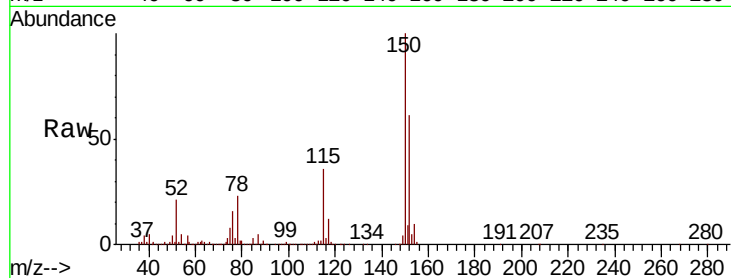
E5FA0

Tot Ion: 75 Resp: 38773

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

