

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005796.D
 Acq On : 03 Oct 2018 01:10
 Operator : SY/AP
 Sample : J5182-09
 Misc : 3.99G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC58

Quant Time: Oct 03 08:12:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	237732	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	102928	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	44098	14.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.20%
7) Chloroethane-d5	2.90	69	40642	17.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.76%
10) 1,1-Dichloroethene-d2	4.01	63	82064	12.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.60%
20) 2-Butanone-d5	7.09	46	42414	43.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.18%
24) Chloroform-d	7.65	84	152296	24.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	8.31	65	96504	26.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.36%
29) Benzene-d6	8.28	84	253495	21.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.12%
33) 1,2-Dichloropropane-d6	9.28	67	85482	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.33	98	225870	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.76%
38) trans-1,3-Dichloropropene-	10.58	79	36771	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.32%
39) 2-Hexanone-d5	10.93	63	32245	40.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80599	24.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	95730	26.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.16%

Target Compounds

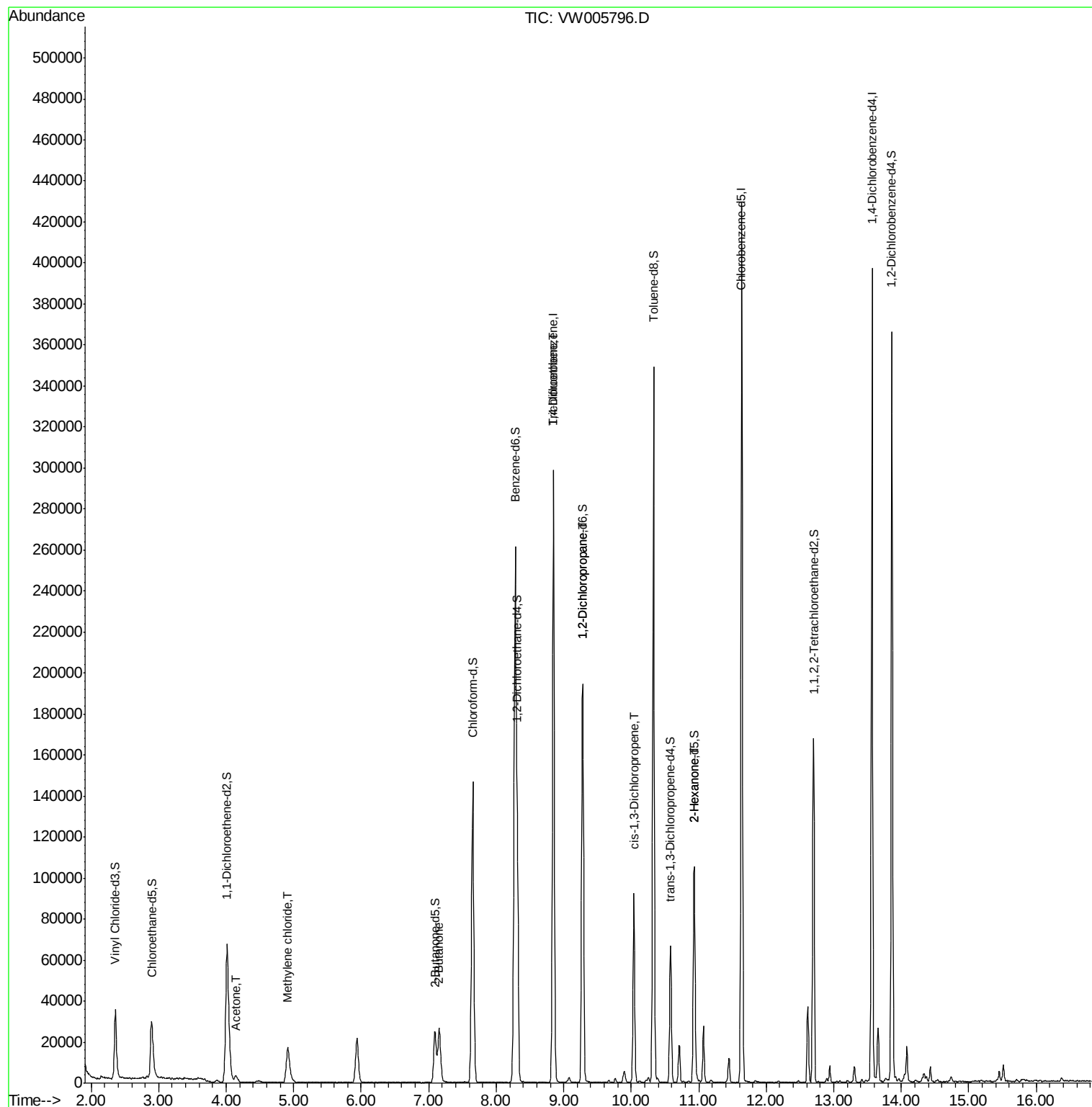
					Qvalue
13) Acetone	4.15	43	4893	4.829 ug/L	97
16) Methylene chloride	4.92	84	14181	3.618 ug/L	91
21) 2-Butanone	7.16	43	1833	1.511 ug/L #	59
35) Trichloroethene	8.85	95	7425	2.066 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	10617	3.242 ug/L #	89
42) cis-1,3-Dichloropropene	10.04	75	2415	0.447 ug/L #	64
49) 2-Hexanone	10.93	43	5386	2.872 ug/L #	69

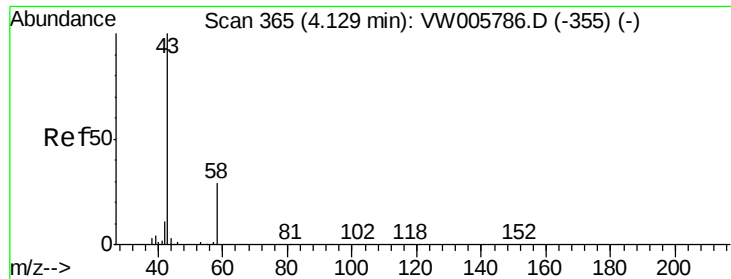
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.829 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005796.D

Acq: 03 Oct 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

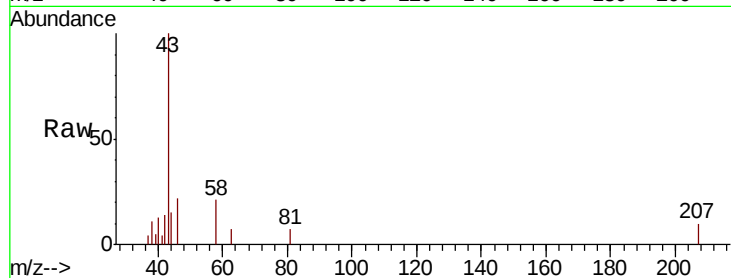
JLC58

Tgt Ion: 43 Resp: 4893

Ion Ratio Lower Upper

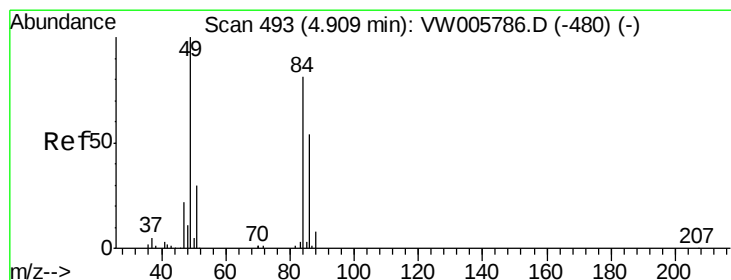
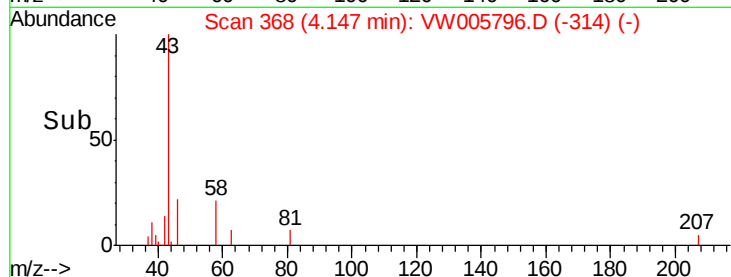
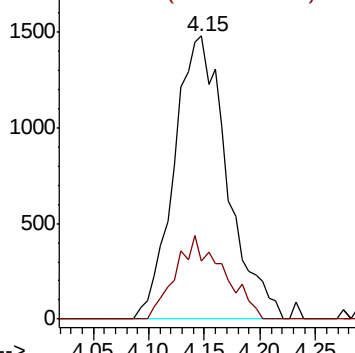
43 100

58 14.6 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.618 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005796.D

Acq: 03 Oct 2018 01:10

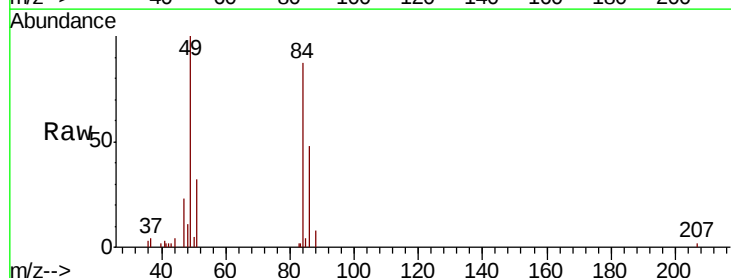
Tgt Ion: 84 Resp: 14181

Ion Ratio Lower Upper

84 100

49 114.3 87.2 162.0

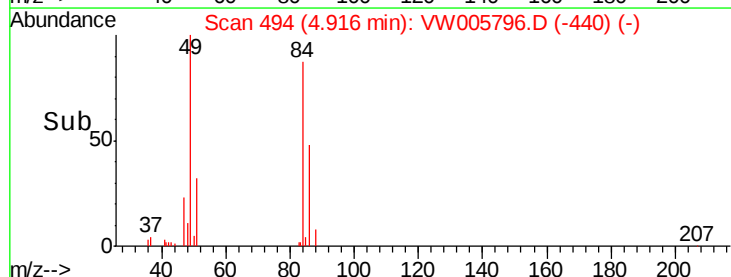
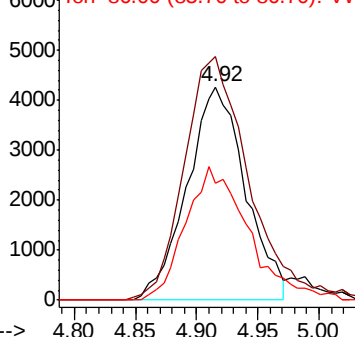
86 54.7 43.2 80.2

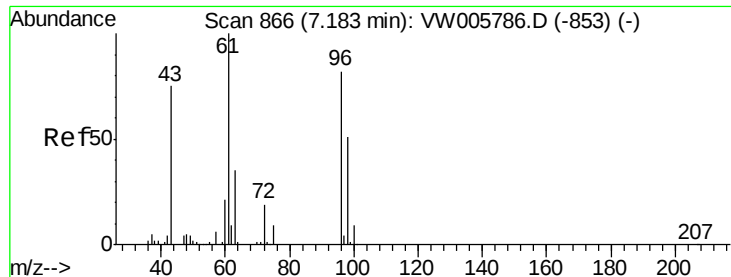


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.511 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005796.D

Acq: 03 Oct 2018 01:10

Instrument :

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ClientSampleId :

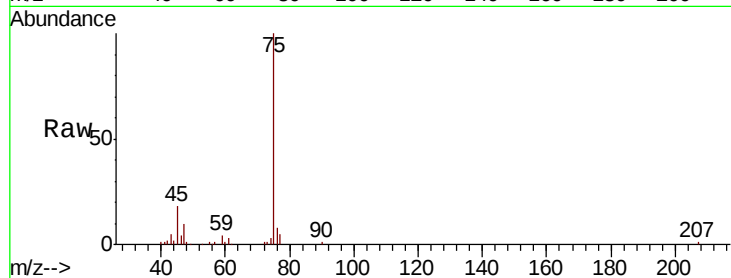
JLC58

Tgt Ion: 43 Resp: 1833

Ion Ratio Lower Upper

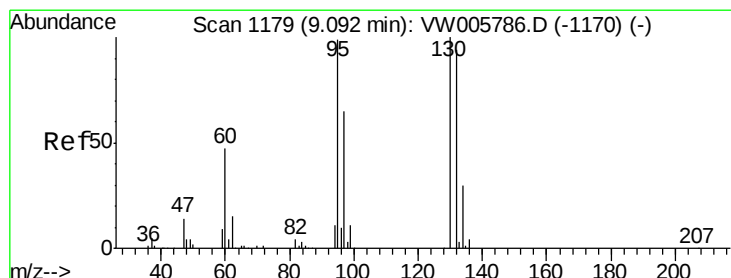
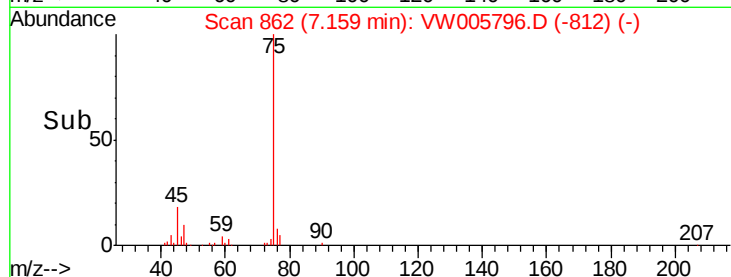
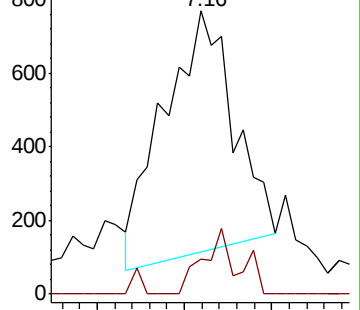
43 100

72 5.2 13.2 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.066 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005796.D

Acq: 03 Oct 2018 01:10

Tgt Ion: 95 Resp: 7425

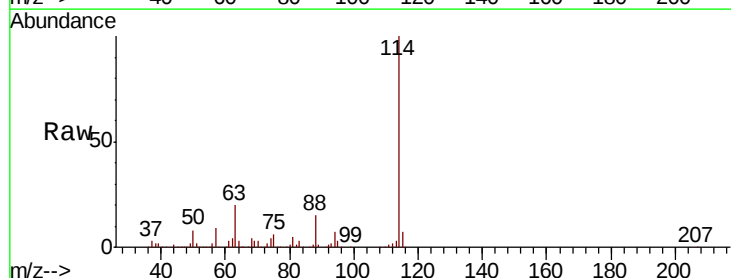
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

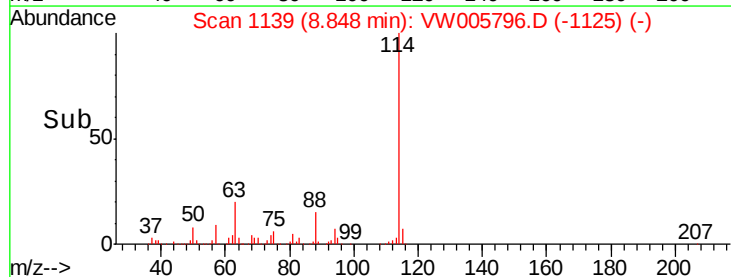
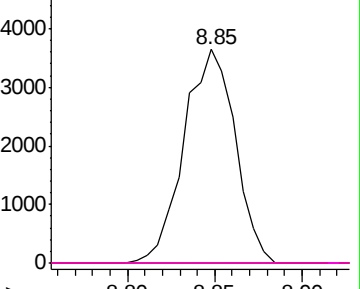


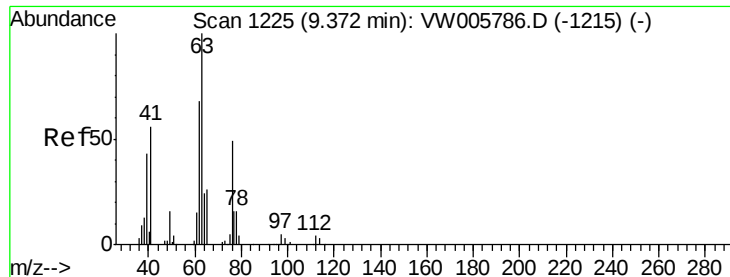
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.242 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005796.D

Acq: 03 Oct 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

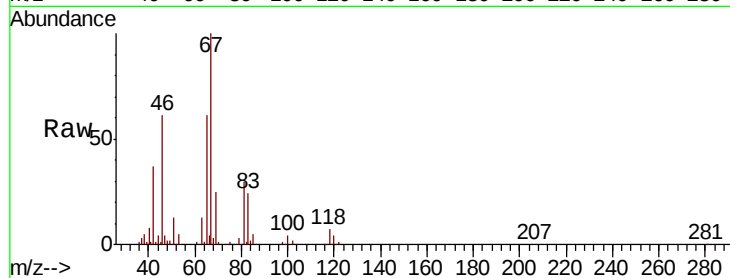
JLC58

Tgt Ion: 63 Resp: 10617

Ion Ratio Lower Upper

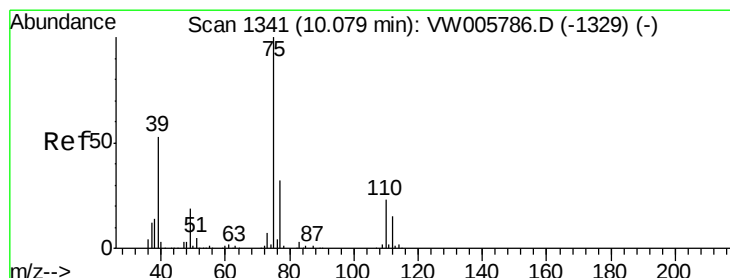
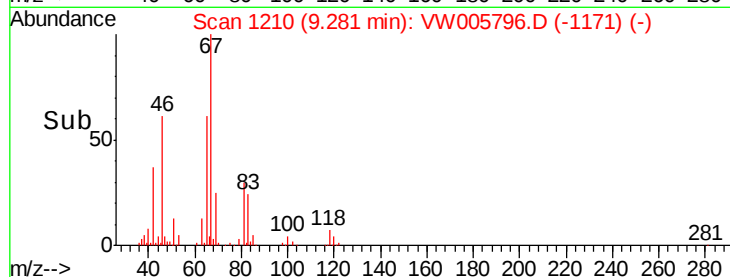
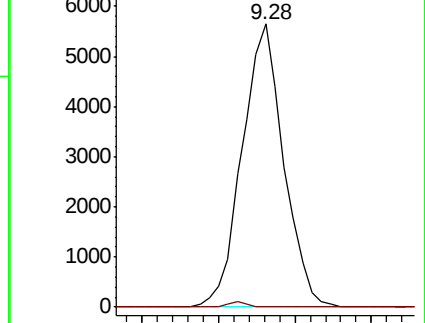
63 100

112 0.8 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005796.D

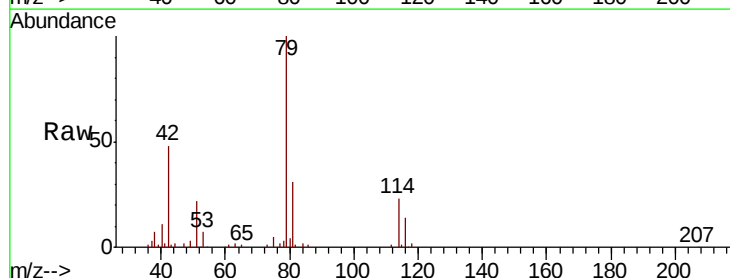
Acq: 03 Oct 2018 01:10

Tgt Ion: 75 Resp: 2415

Ion Ratio Lower Upper

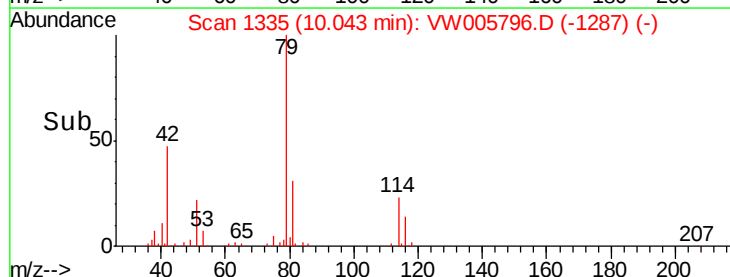
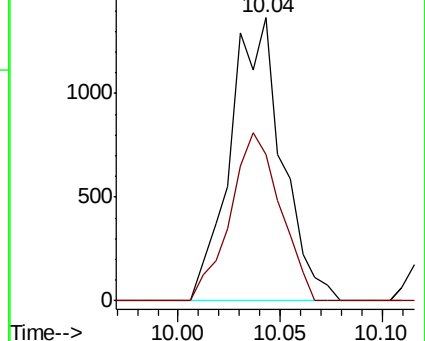
75 100

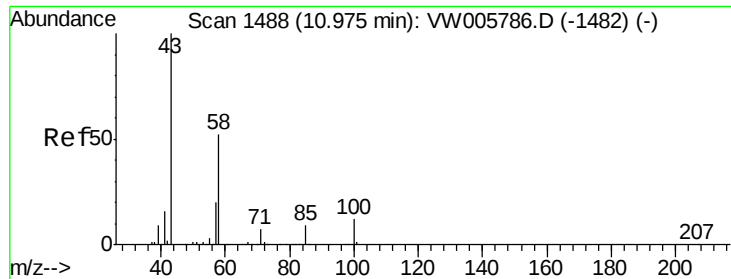
77 51.7 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.872 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW005796.D

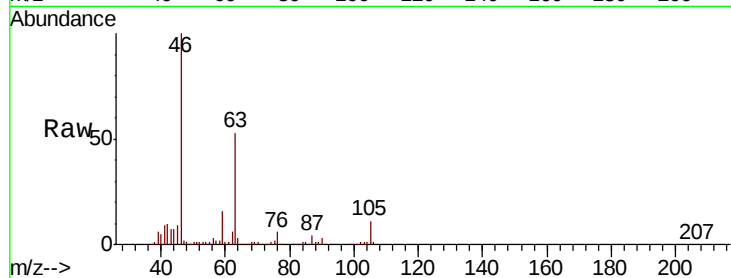
Acq: 03 Oct 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

JLC58



Tgt Ion: 43 Resp: 5386

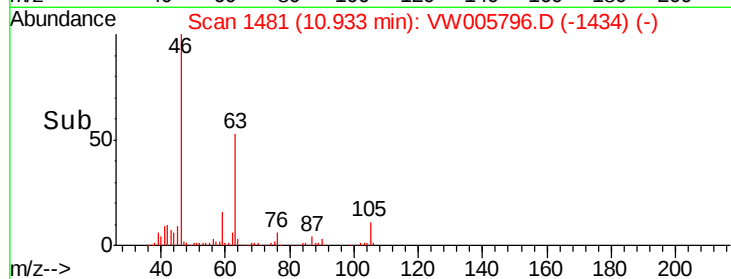
Ion Ratio Lower Upper

43 100

58 27.9 42.0 63.0#

57 30.0 15.7 23.5#

100 2.0 9.7 14.5#



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

