

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004085.D
 Acq On : 20 Jul 2018 18:52
 Operator : SY/AP
 Sample : J4037-13
 Misc : 5.89G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 04:57:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	300600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	116770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55443	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
7) Chloroethane-d5	2.89	69	40992	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.52%
10) 1,1-Dichloroethene-d2	4.00	63	95483	13.39	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.56%
20) 2-Butanone-d5	7.09	46	72167	41.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.78%
24) Chloroform-d	7.65	84	152213	21.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.32%
26) 1,2-Dichloroethane-d4	8.31	65	93914	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	8.28	84	264956	19.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.68%
33) 1,2-Dichloropropane-d6	9.28	67	95624	21.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.20%
37) Toluene-d8	10.33	98	222187	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.36%
38) trans-1,3-Dichloropropene-	10.58	79	36134	18.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.16%
39) 2-Hexanone-d5	10.93	63	50277	42.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	105797	21.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	83272	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

Target Compounds

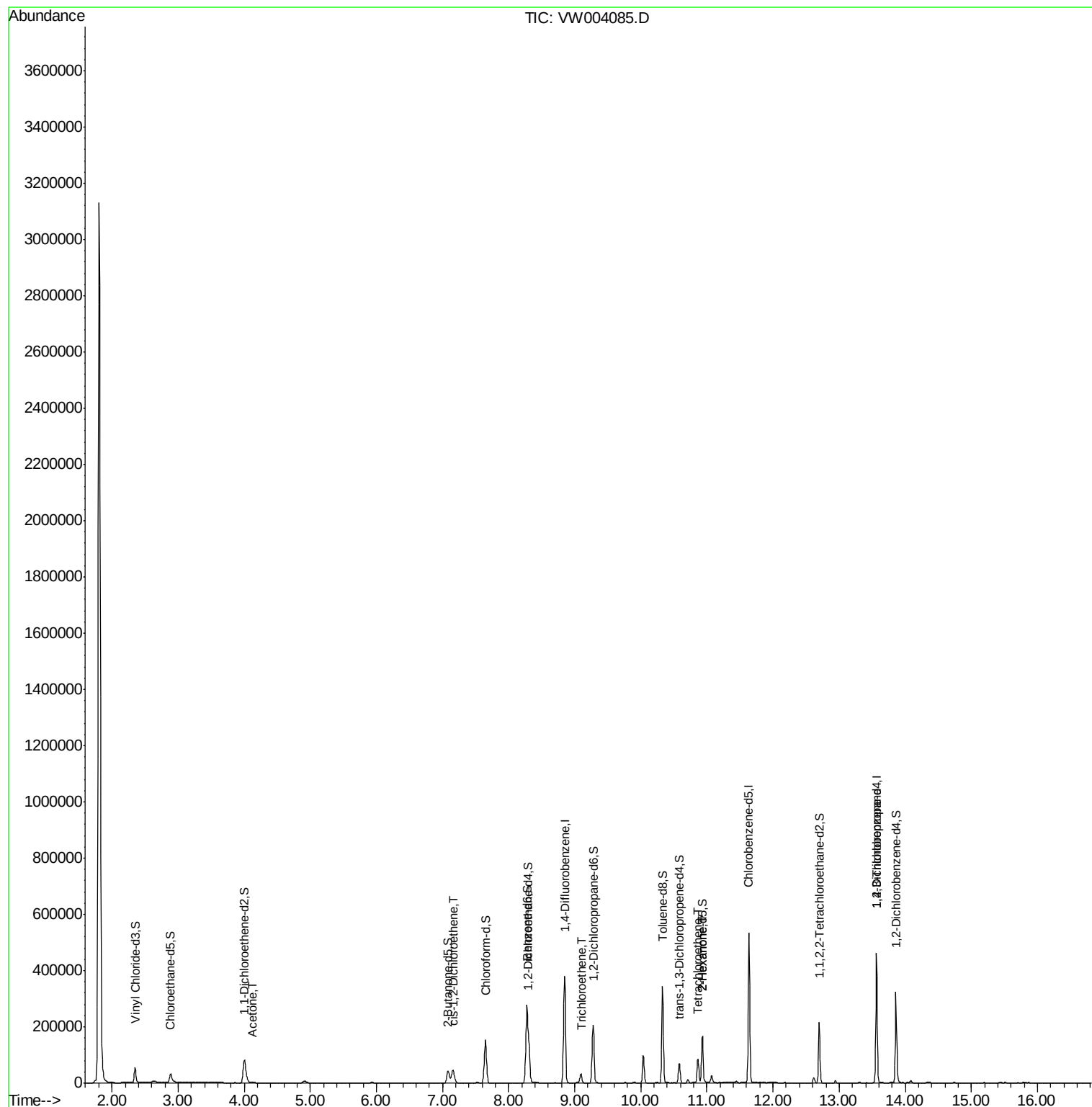
					Ovalue
13) Acetone	4.13	43	4805	2.535 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	13824	3.140 ug/L	89
35) Trichloroethene	9.10	95	10922	2.322 ug/L	97
47) Tetrachloroethene	10.87	164	18884	4.979 ug/L	94
49) 2-Hexanone	10.93	43	8162	2.517 ug/L #	70
59) 1,2,3-Trichloropropane	13.57	75	14692	3.585 ug/L	89

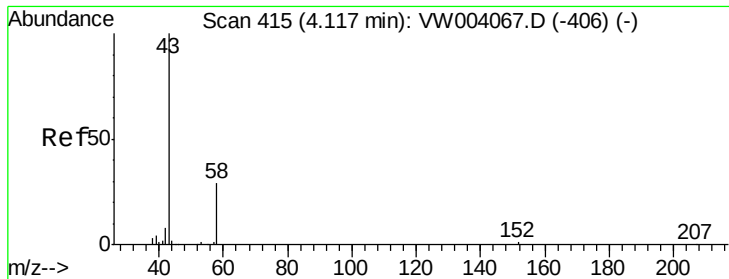
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 21 04:54:15 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.535 ug/L

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004085.D

Acq: 20 Jul 2018 18:52

Instrument :

MSVOA_W

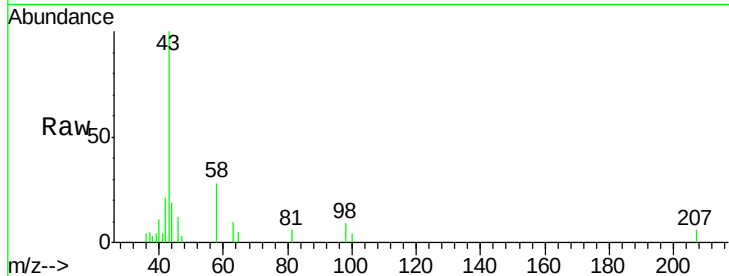
ClientSampleId :

Tot Ion: 43 Resp: 4805

Ion Ratio Lower Upper

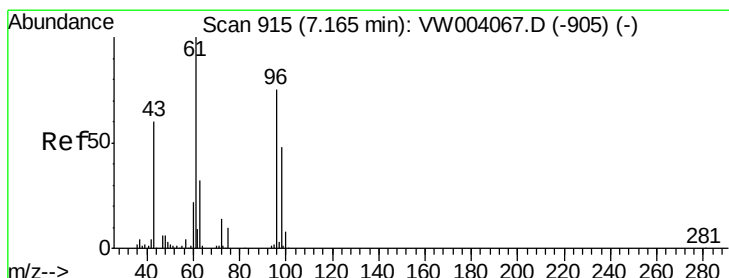
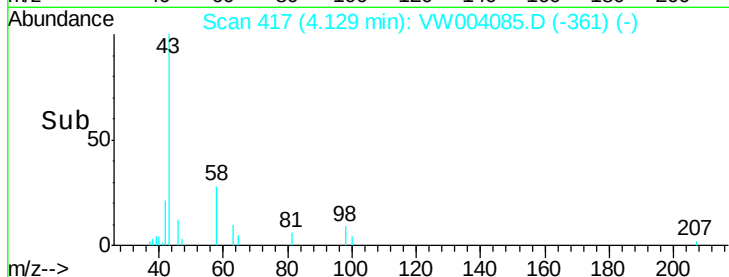
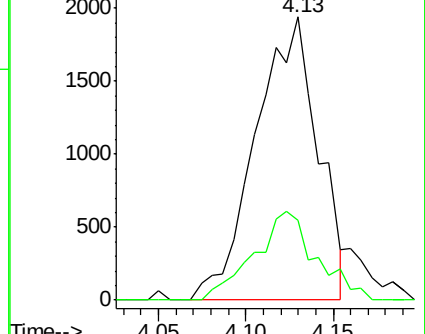
43 100

58 31.3 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 3.140 ug/L

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004085.D

Acq: 20 Jul 2018 18:52

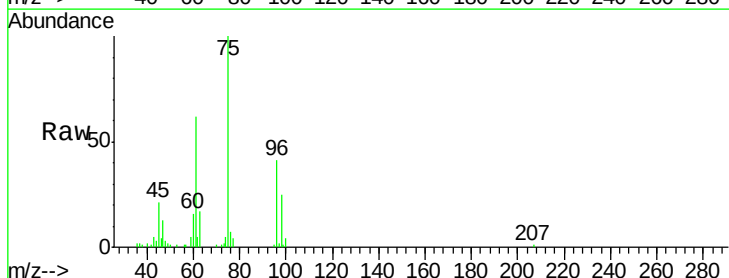
Tgt Ion: 96 Resp: 13824

Ion Ratio Lower Upper

96 100

61 151.7 92.5 171.9

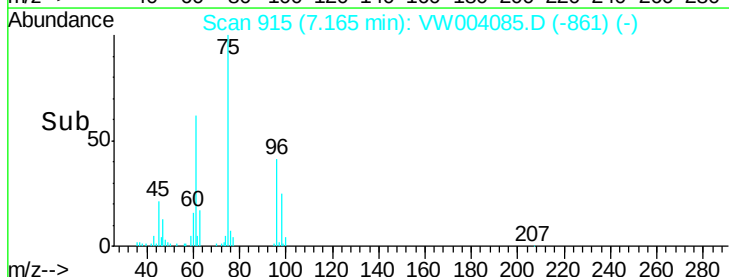
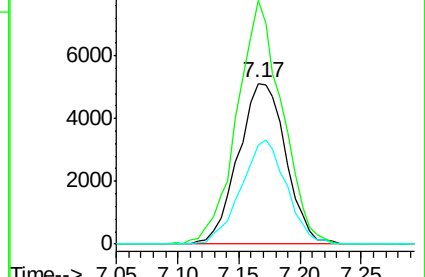
98 61.9 43.0 80.0

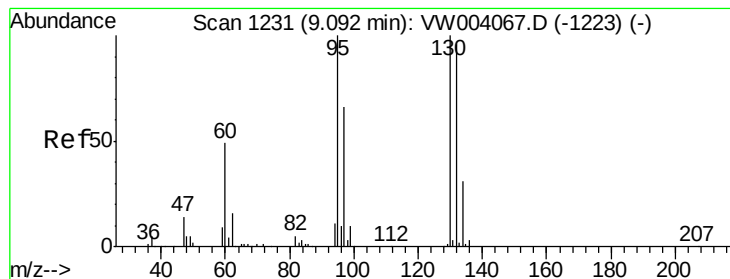


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.322 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

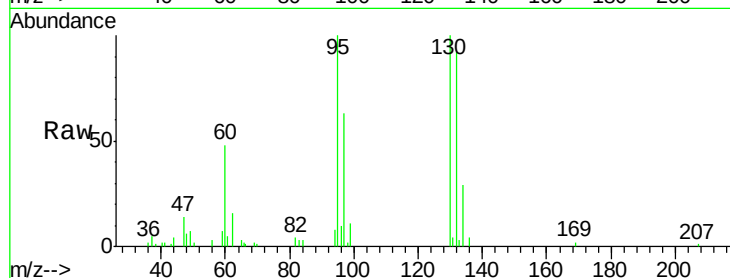
Lab File: VW004085.D

Acq: 20 Jul 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 95 Resp: 10922

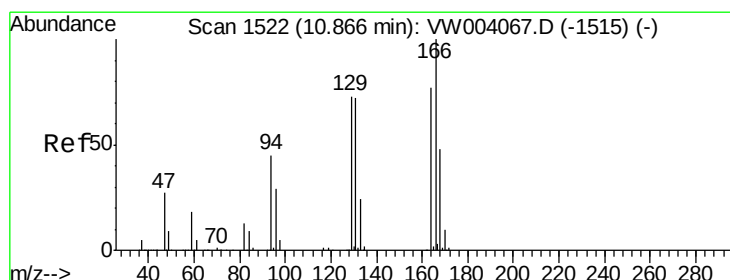
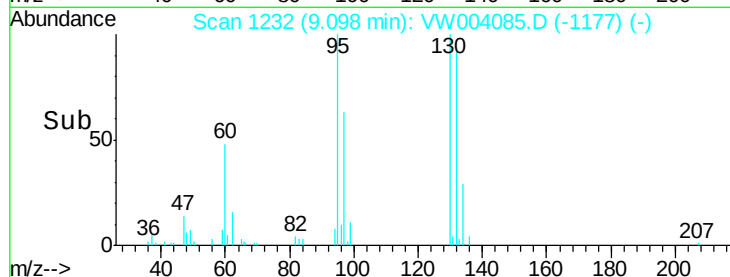
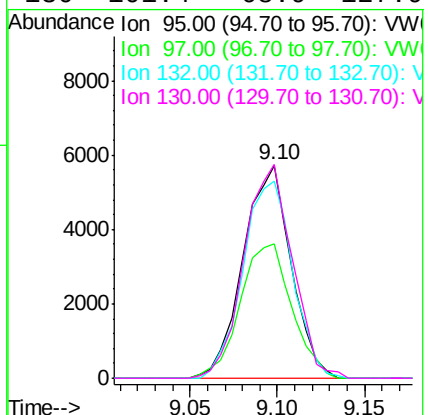
Ion Ratio Lower Upper

95 100

97 67.8 44.7 83.1

132 96.2 66.1 122.7

130 101.4 68.9 127.9



#47

Tetrachloroethene

Concen: 4.979 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004085.D

Acq: 20 Jul 2018 18:52

Tgt Ion: 164 Resp: 18884

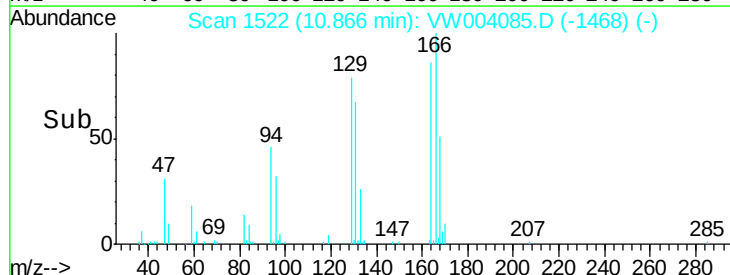
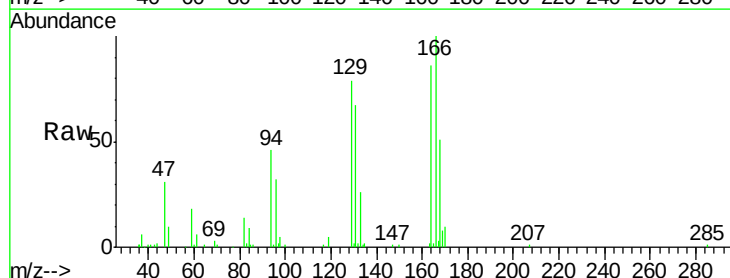
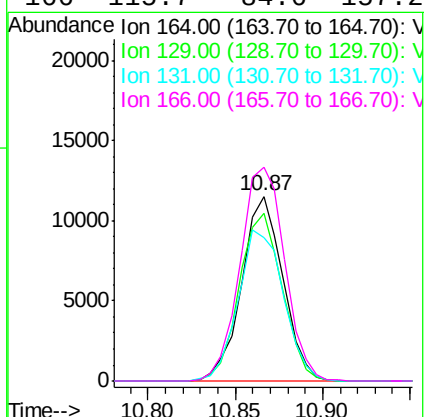
Ion Ratio Lower Upper

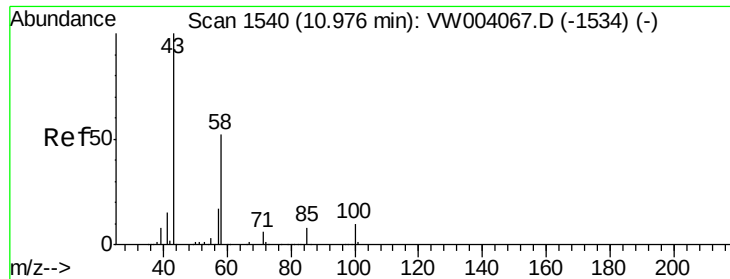
164 100

129 90.9 63.1 117.3

131 77.7 62.8 116.6

166 115.7 84.6 157.2





#49

2-Hexanone

Concen: 2.517 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004085.D

Acq: 20 Jul 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 8162

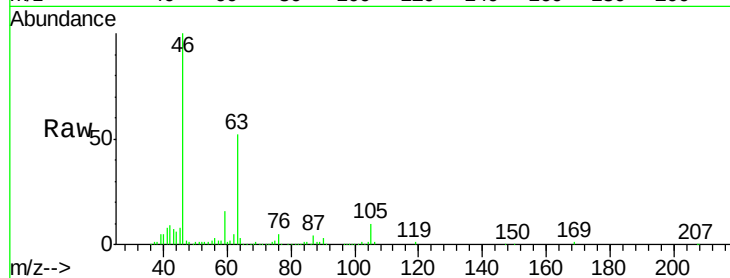
Ion Ratio Lower Upper

43 100

58 28.9 40.4 60.6#

57 33.6 14.0 21.0#

100 4.4 8.2 12.2#



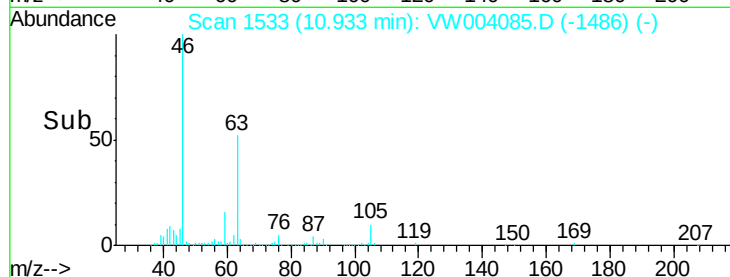
Abundance Ion 43.00 (42.70 to 43.70): VW

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

Time-->



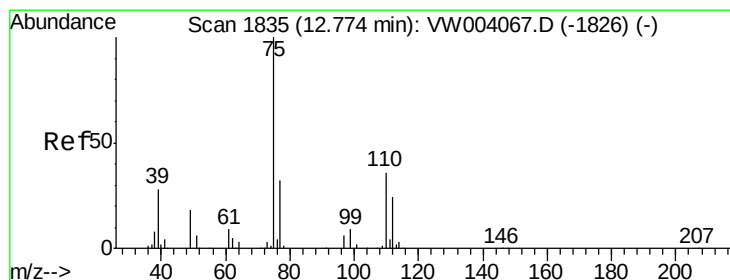
Abundance Ion 43.00 (42.70 to 43.70): VW

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

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.585 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004085.D

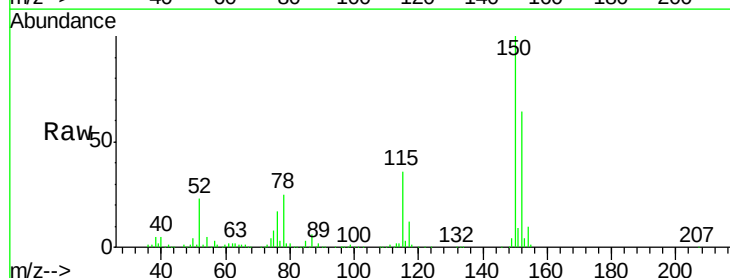
Acq: 20 Jul 2018 18:52

Tgt Ion: 75 Resp: 14692

Ion Ratio Lower Upper

75 100

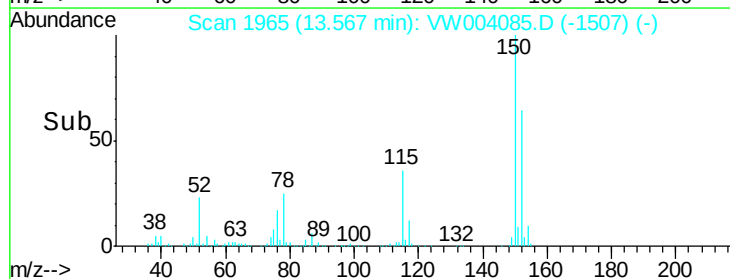
77 37.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Time-->



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Time-->