

Data File : VW007980.D
Acq On : 27 Dec 2018 20:03
Operator : SY/AP
Sample : J6540-02
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN5

Quant Time: Dec 28 06:00:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	104045	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	97461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48102	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22888	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.28%
7) Chloroethane-d5	2.89	69	15760	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
10) 1,1-Dichloroethene-d2	4.01	63	45917	16.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.16%
20) 2-Butanone-d5	7.07	46	22649	51.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.58%
24) Chloroform-d	7.65	84	67298	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.31	65	44206	26.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.56%
29) Benzene-d6	8.27	84	124326	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	9.27	67	35241	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
37) Toluene-d8	10.32	98	120134	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	10.58	79	20466	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.93	63	20510	53.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37895	26.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	47970	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

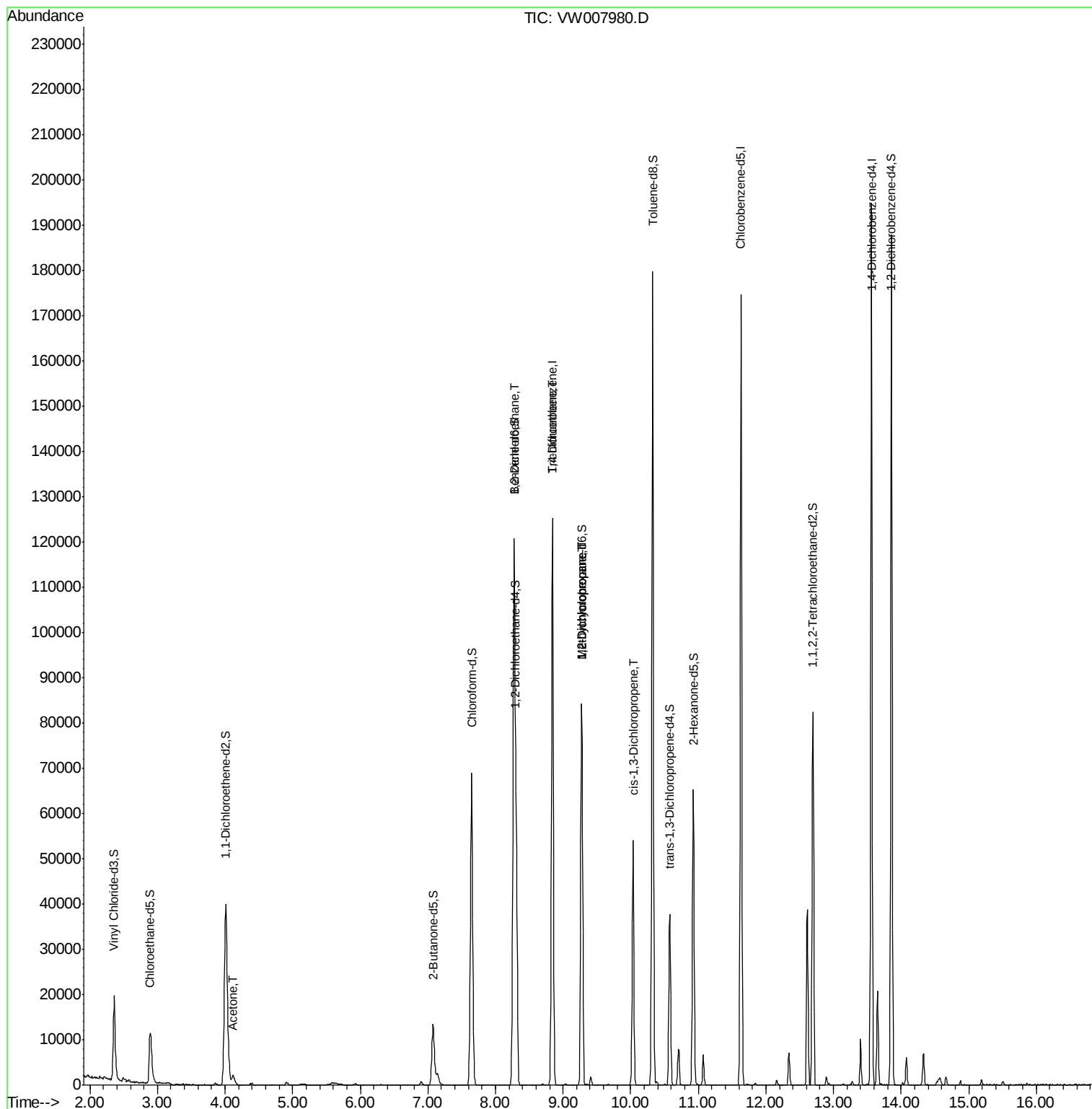
					Qvalue
13) Acetone	4.12	43	3286	7.691 ug/L	92
27) 1,2-Dichloroethane	8.27	62	830	0.463 ug/L #	80
35) Trichloroethene	8.84	95	3474	2.293 ug/L #	5
36) Methylcyclohexane	9.27	83	9661	3.718 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4497	3.668 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1529	0.714 ug/L	96

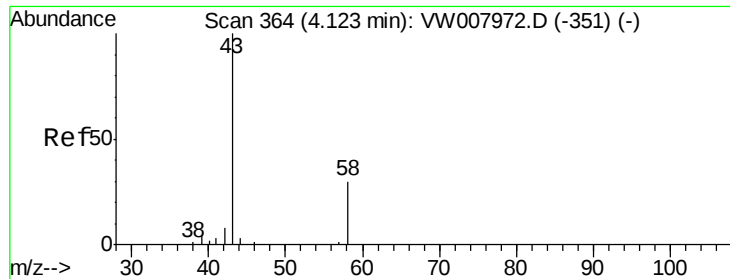
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.691 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

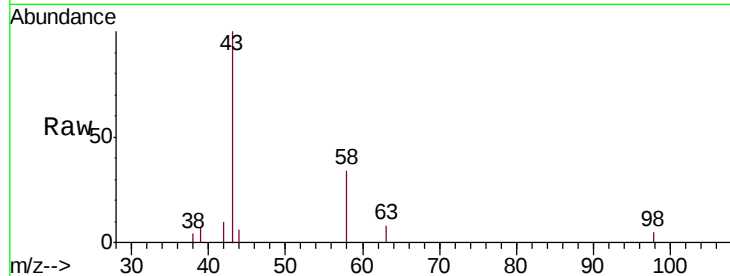
GAEN5

Tgt Ion: 43 Resp: 3286

Ion Ratio Lower Upper

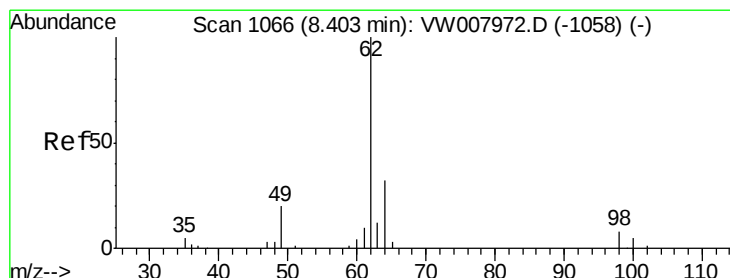
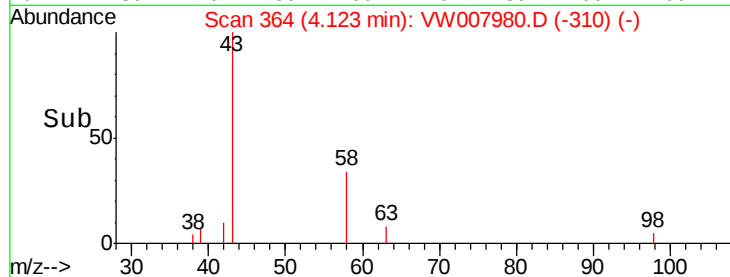
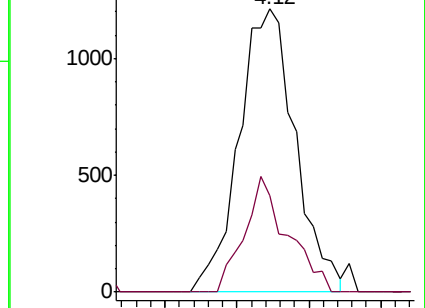
43 100

58 25.0 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#27

1,2-Dichloroethane

Concen: 0.463 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.13 min

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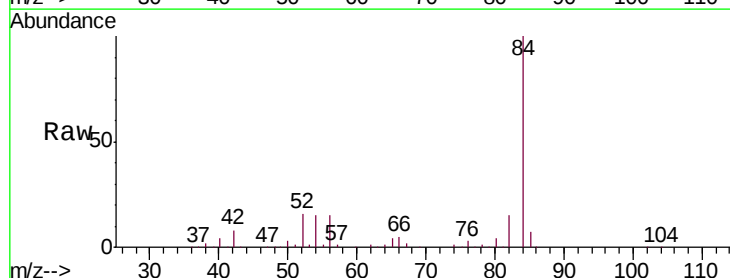
Acq: 27 Dec 2018 20:03

Tgt Ion: 62 Resp: 830

Ion Ratio Lower Upper

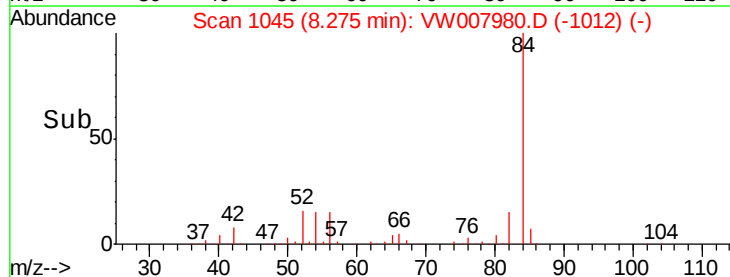
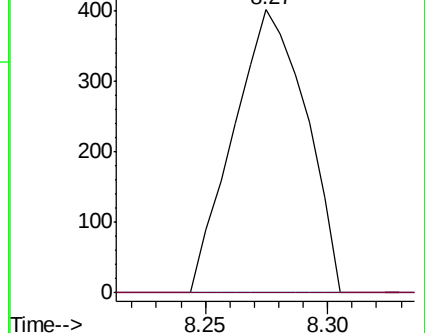
62 100

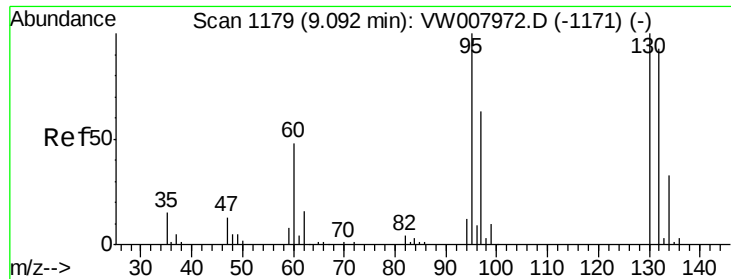
98 0.0 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.293 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

GAEN5

Tgt Ion: 95 Resp: 3474

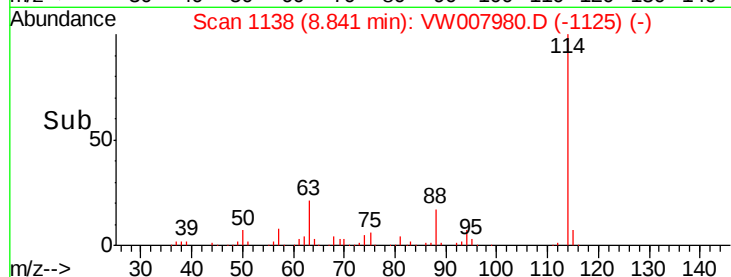
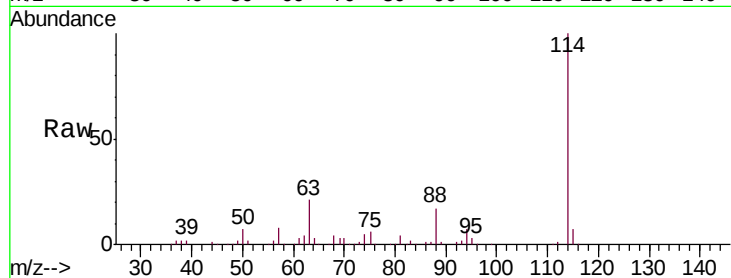
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

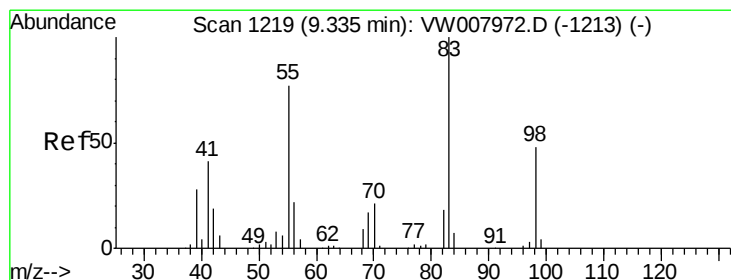
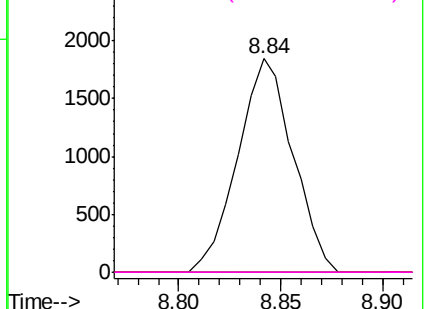


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.718 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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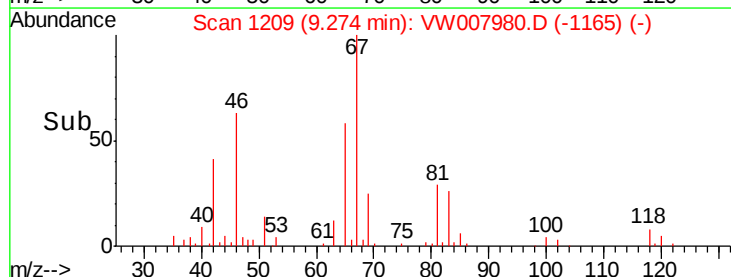
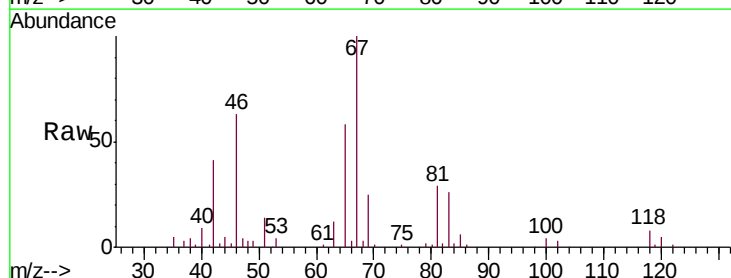
Tgt Ion: 83 Resp: 9661

Ion Ratio Lower Upper

83 100

55 0.5 59.4 89.0#

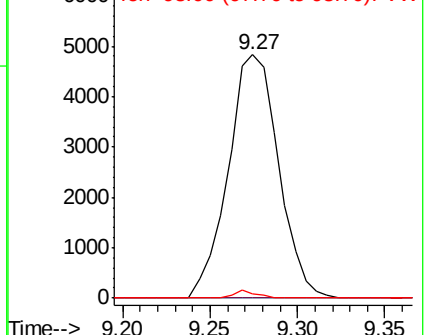
98 1.3 38.2 57.2#

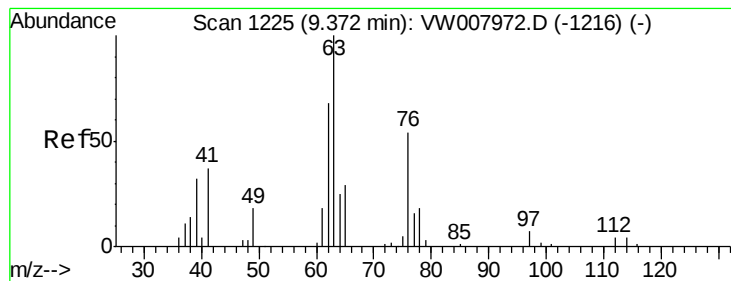


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.668 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007980.D

Acq: 27 Dec 2018 20:03

Instrument :

MSVOA_W

ClientSampleId :

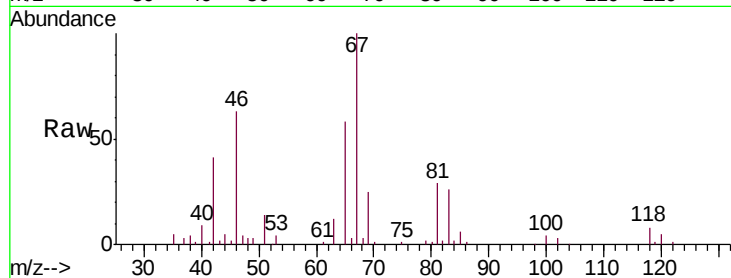
GAEN5

Tgt Ion: 63 Resp: 4497

Ion Ratio Lower Upper

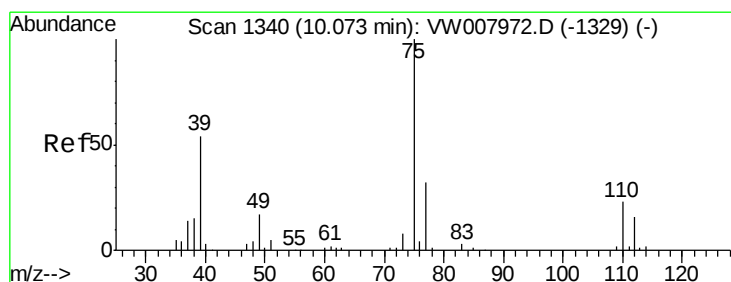
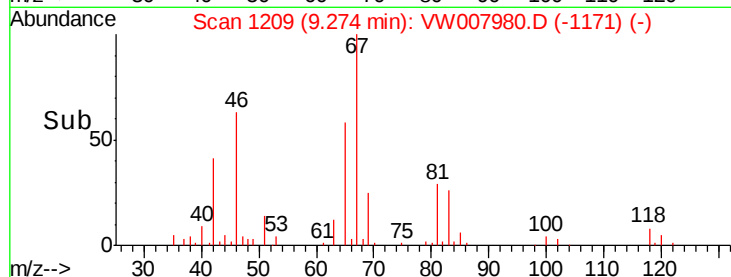
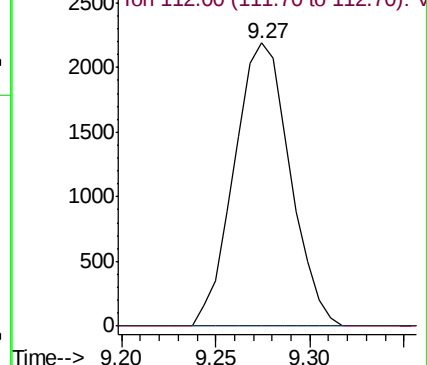
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.714 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007980.D

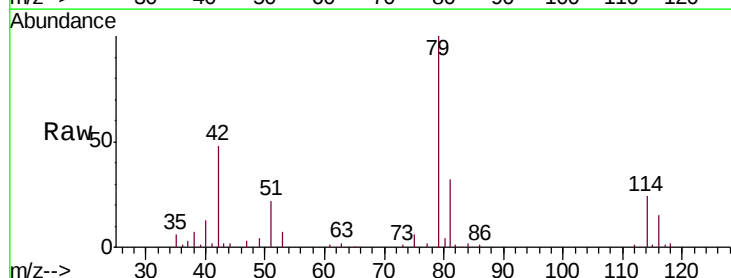
Acq: 27 Dec 2018 20:03

Tgt Ion: 75 Resp: 1529

Ion Ratio Lower Upper

75 100

77 35.2 23.0 42.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

