

Data File : VW007986.D
Acq On : 27 Dec 2018 22:38
Operator : SY/AP
Sample : J6540-11
Misc : 5.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEP2

Quant Time: Dec 28 06:01:28 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	93136	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	87407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42634	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21125	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.08%
7) Chloroethane-d5	2.89	69	14769	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.52%
10) 1,1-Dichloroethene-d2	4.01	63	43028	17.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.28%
20) 2-Butanone-d5	7.08	46	25761	65.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.62%
24) Chloroform-d	7.65	84	62779	25.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	8.31	65	43600	29.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.40%
29) Benzene-d6	8.27	84	116822	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.27	67	33458	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.36%
37) Toluene-d8	10.32	98	111447	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.32%
38) trans-1,3-Dichloropropene-	10.58	79	19715	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.00%
39) 2-Hexanone-d5	10.93	63	23069	67.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39833	31.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.16%#
61) 1,2-Dichlorobenzene-d4	13.86	152	44900	26.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.28%

Target Compounds

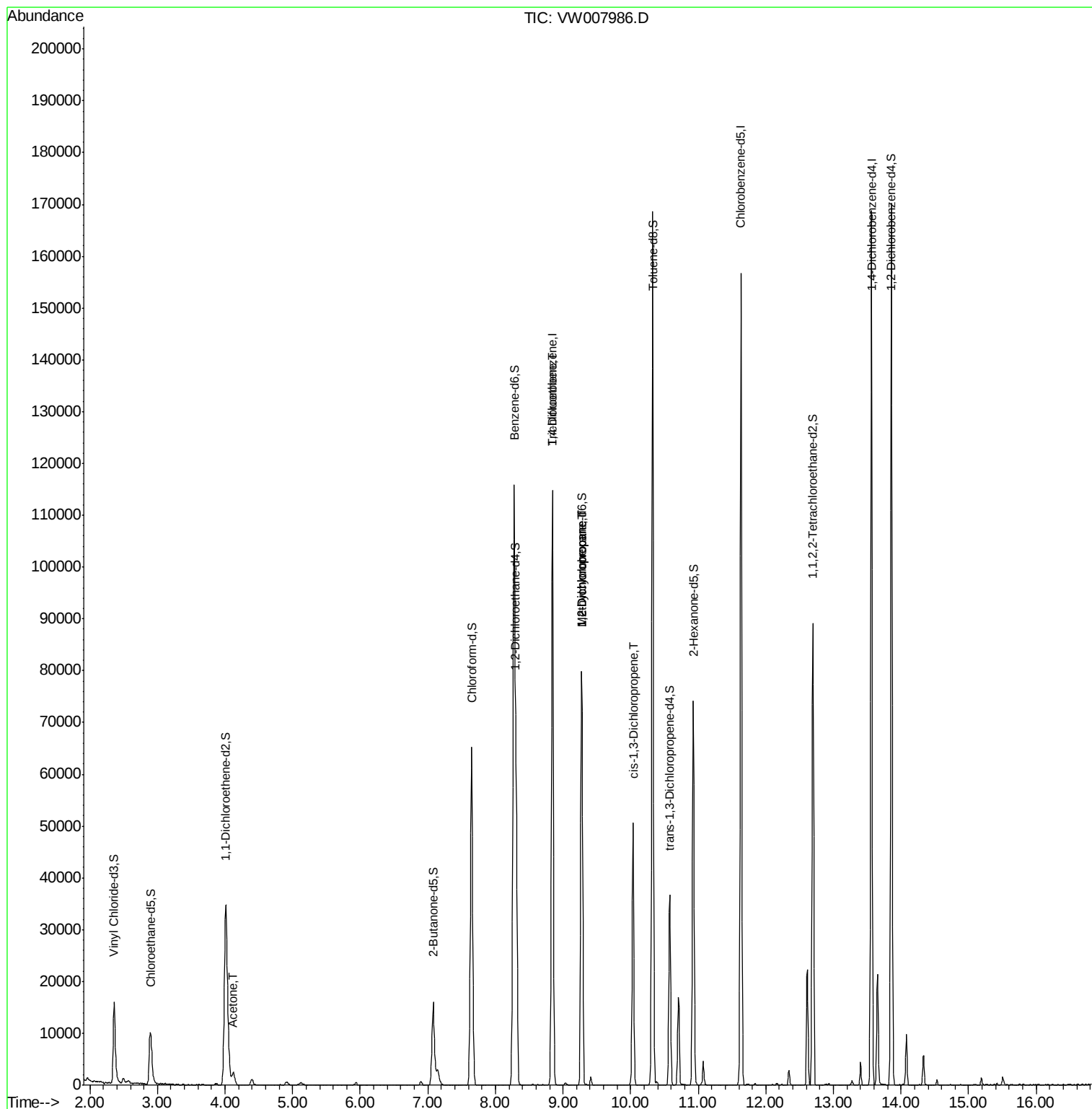
					Qvalue
13) Acetone	4.12	43	3964	10.365 ug/L	73
35) Trichloroethene	8.84	95	2999	2.207 ug/L #	5
36) Methylcyclohexane	9.27	83	9596	4.118 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	4487	4.081 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1387	0.723 ug/L #	79

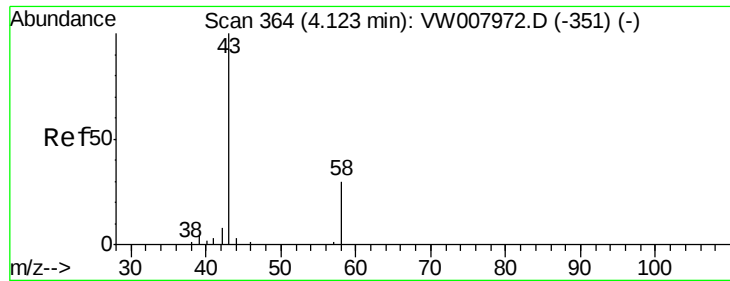
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.365 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 27 Dec 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

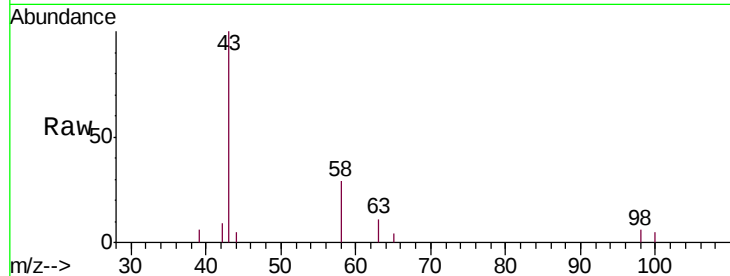
GAEP2

Tgt Ion: 43 Resp: 3964

Ion Ratio Lower Upper

43 100

58 15.0 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

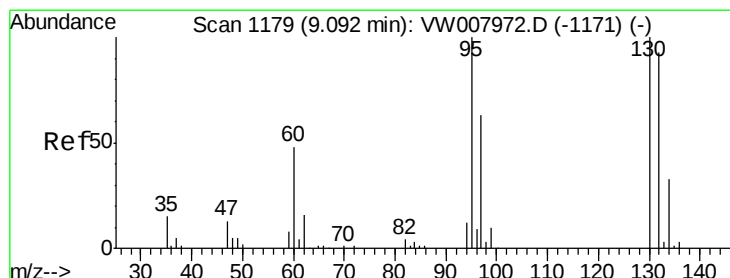
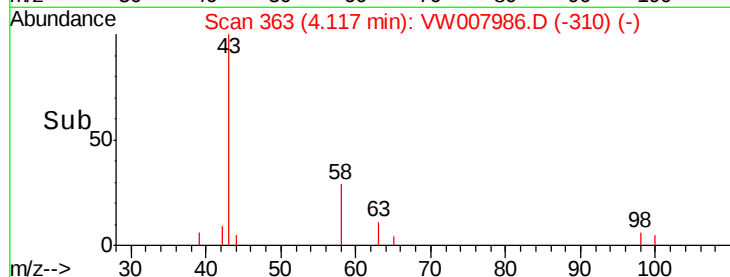
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#35

Trichloroethene

Concen: 2.207 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 2999

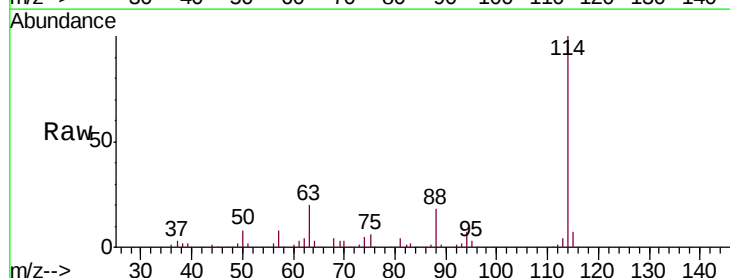
Ion Ratio Lower Upper

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): V

Ion 130.00 (129.70 to 130.70): V

2500

2000

1500

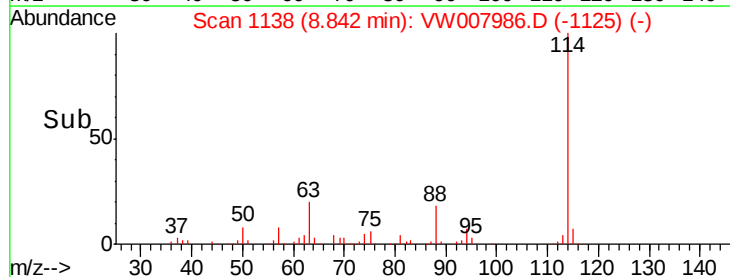
1000

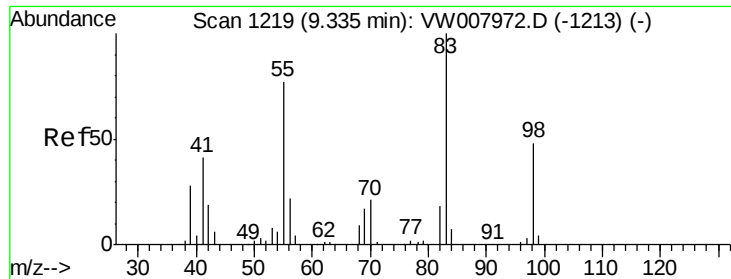
500

0

8.80 8.85 8.90

Time-->

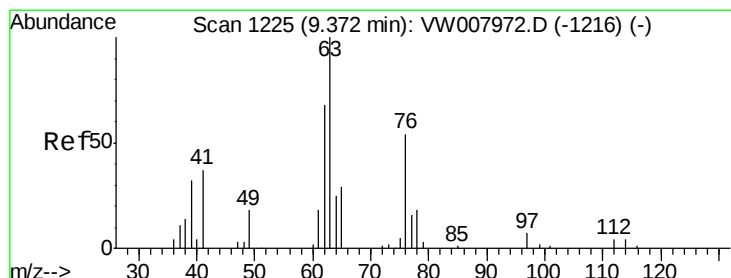
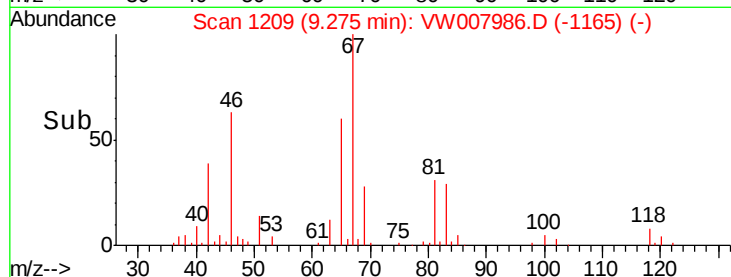
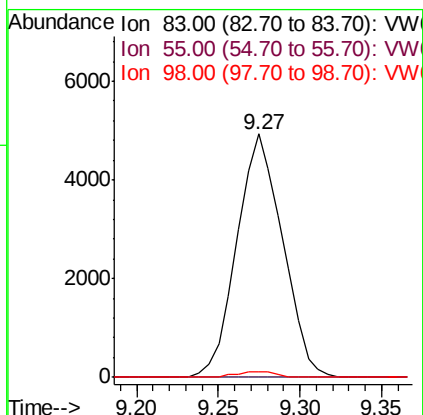
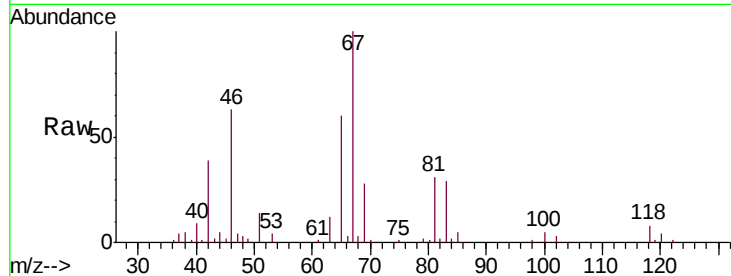




#36
Methylcyclohexane
Concen: 4.118 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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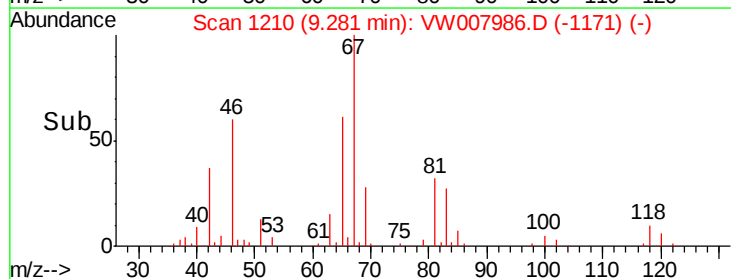
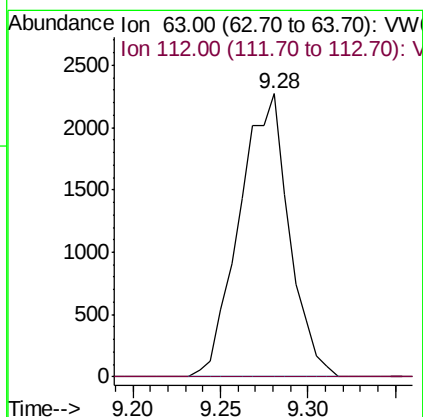
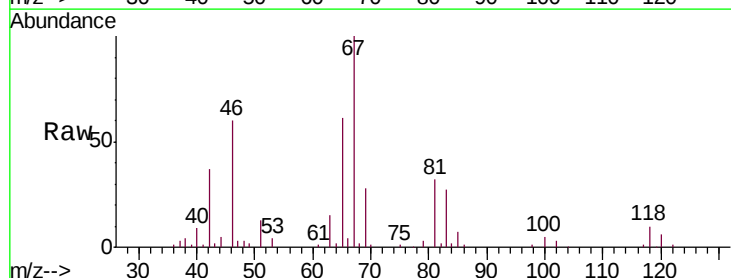
Instrument :
MSVOA_W
ClientSampled :
GAEP2

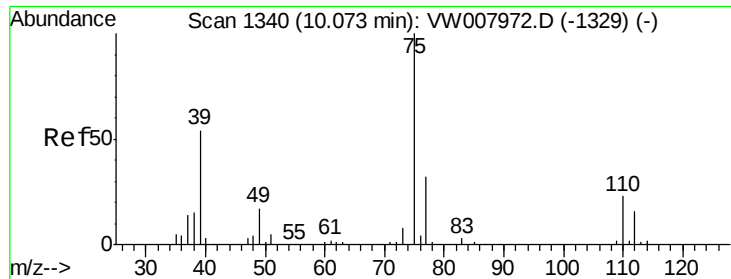
Tgt Ion: 83 Resp: 9596
Ion Ratio Lower Upper
83 100
55 0.8 59.4 89.0#
98 1.8 38.2 57.2#



#40
1,2-Dichloropropane
Concen: 4.081 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW007986.D
Acq: 27 Dec 2018 22:38

Tgt Ion: 63 Resp: 4487
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.723 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007986.D

Acq: 27 Dec 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

GAEP2

Tgt Ion: 75 Resp: 1387

Ion Ratio Lower Upper

75 100

77 44.8 23.0 42.8#

