

Data File : VW007990.D
Acq On : 28 Dec 2018 00:22
Operator : SY/AP
Sample : J6540-15
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEP6

Quant Time: Dec 28 06:02:13 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	98107	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	92689	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45107	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	20524	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.92%
7) Chloroethane-d5	2.89	69	15658	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.16%
10) 1,1-Dichloroethene-d2	4.01	63	43044	16.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.80%
20) 2-Butanone-d5	7.08	46	21371	51.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.66%
24) Chloroform-d	7.65	84	64884	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.31	65	43787	27.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.92%
29) Benzene-d6	8.27	84	120593	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	9.27	67	35385	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.08%
37) Toluene-d8	10.32	98	114156	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	10.58	79	20057	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.84%
39) 2-Hexanone-d5	10.93	63	18858	52.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36761	27.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	44951	24.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.68%

Target Compounds

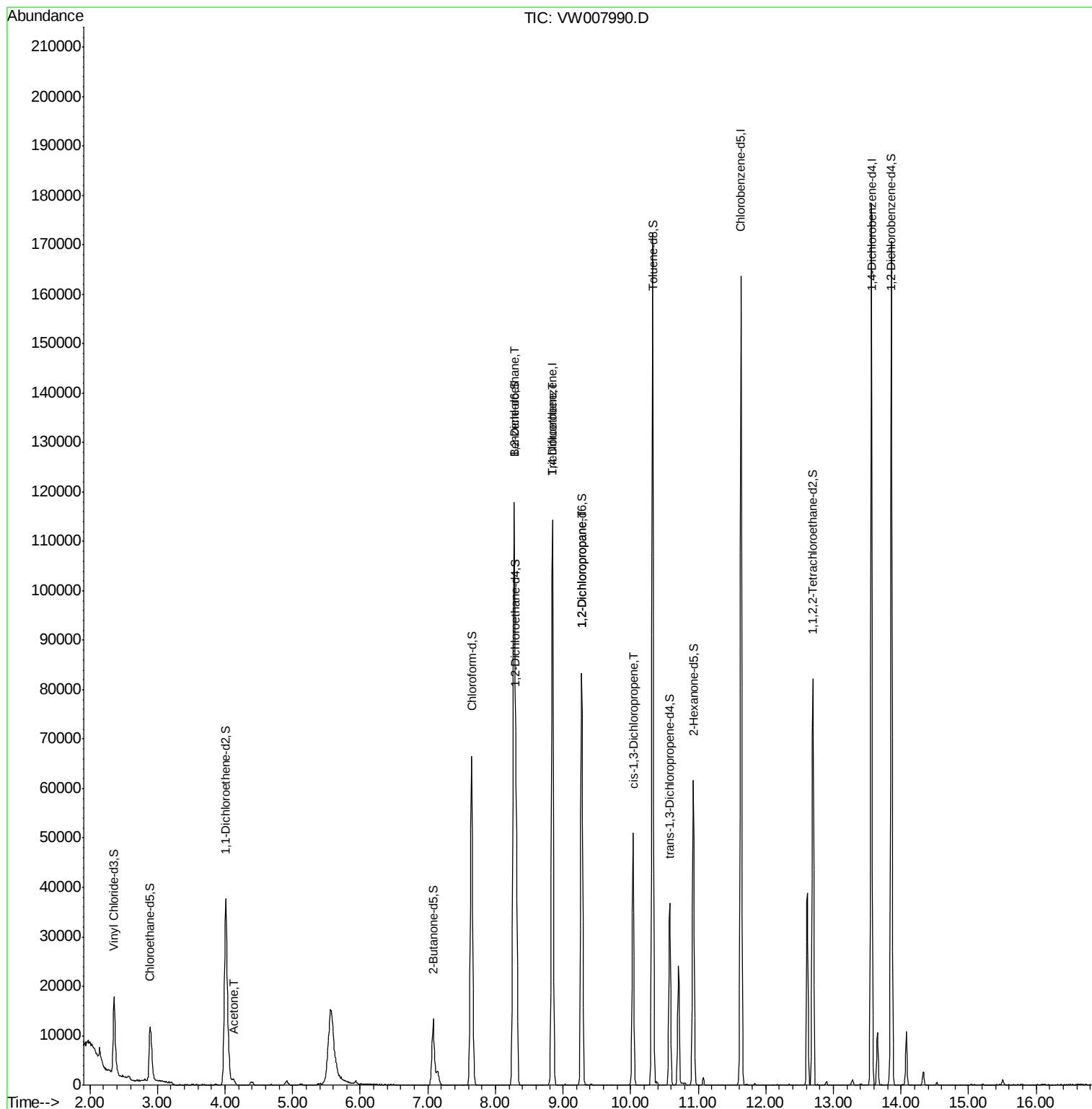
					Qvalue
13) Acetone	4.12	43	1832	4.548 ug/L	75
27) 1,2-Dichloroethane	8.27	62	866	0.512 ug/L #	80
35) Trichloroethene	8.84	95	3488	2.420 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	4944	4.240 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1373	0.675 ug/L #	42

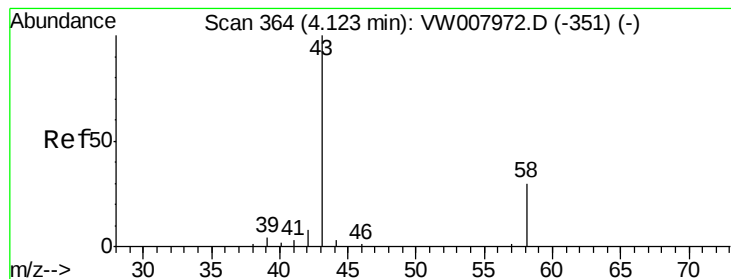
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.548 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Acq: 28 Dec 2018 00:22

Instrument :

MSVOA_W

ClientSampleId :

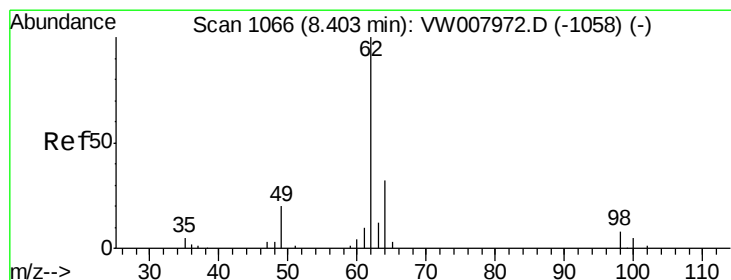
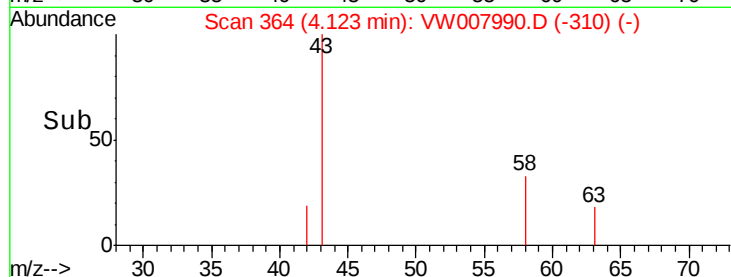
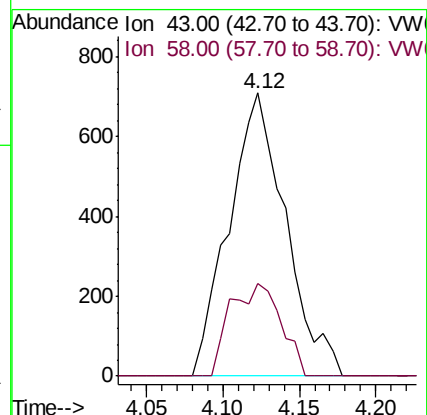
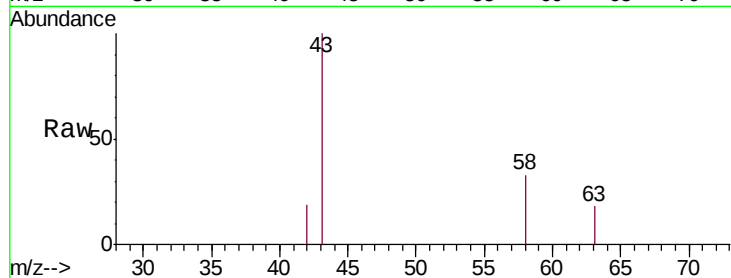
GAEP6

Tgt Ion: 43 Resp: 1832

Ion Ratio Lower Upper

43 100

58 15.8 0.0 58.6



#27

1,2-Dichloroethane

Concen: 0.512 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.13 min

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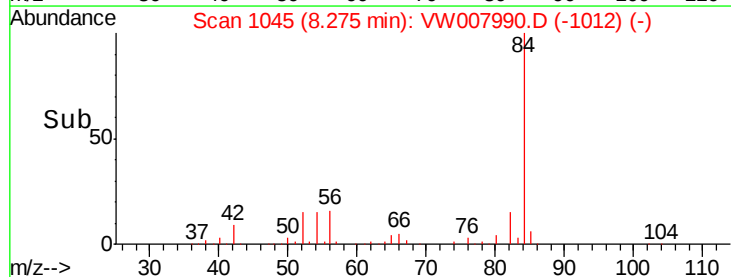
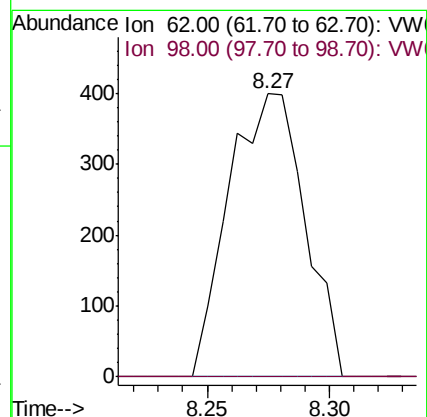
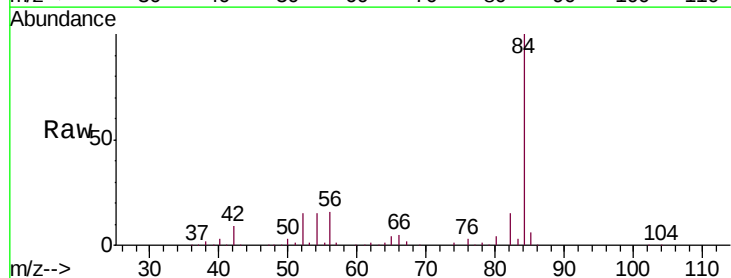
Acq: 28 Dec 2018 00:22

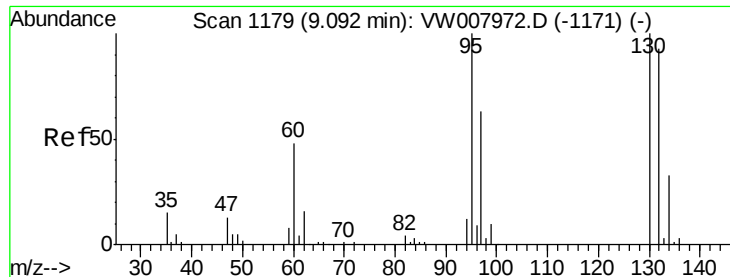
Tgt Ion: 62 Resp: 866

Ion Ratio Lower Upper

62 100

98 0.0 5.4 8.2#





#35

Trichloroethene

Concen: 2.420 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 28 Dec 2018 00:22

Instrument :

MSVOA_W

ClientSampled :

GAEP6

Tgt Ion: 95 Resp: 3488

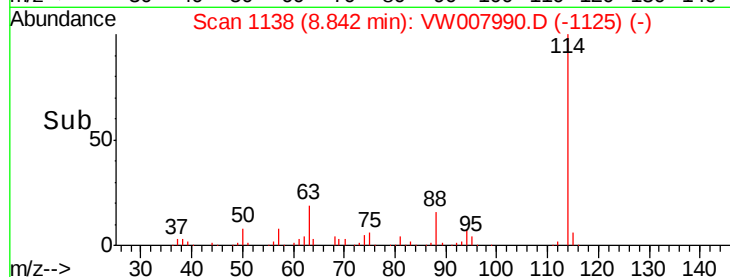
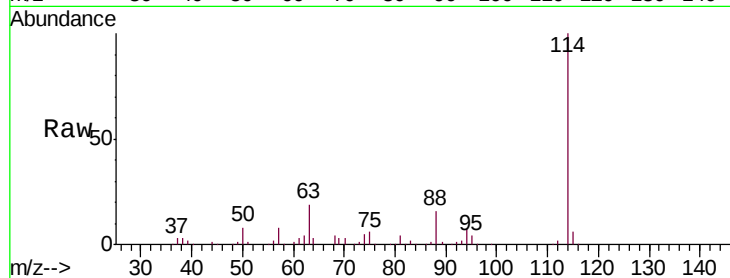
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

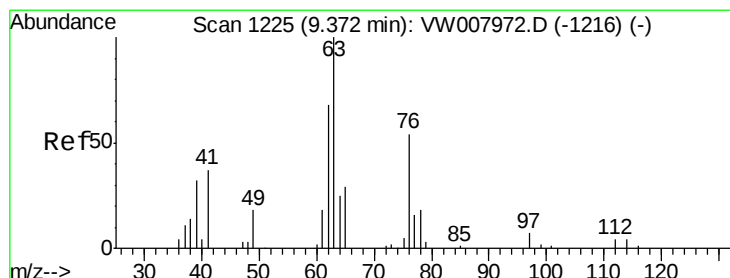
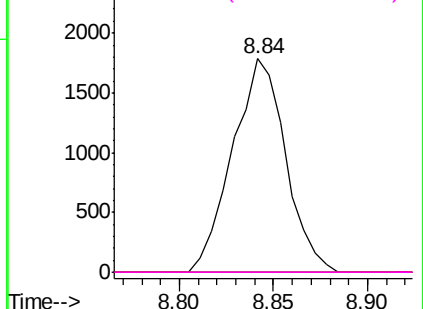


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 4.240 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007990.D

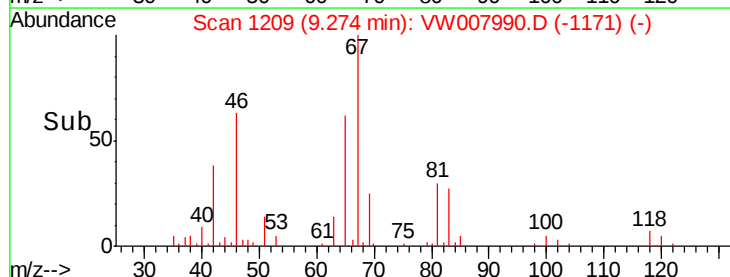
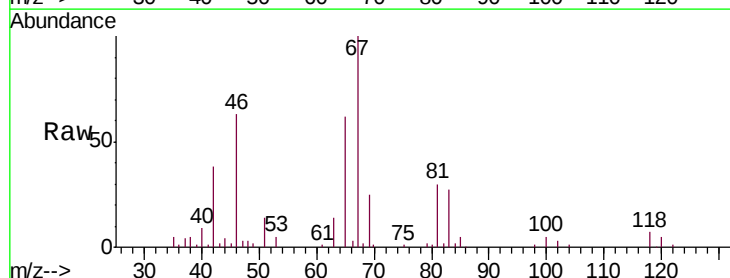
Acq: 28 Dec 2018 00:22

Tgt Ion: 63 Resp: 4944

Ion Ratio Lower Upper

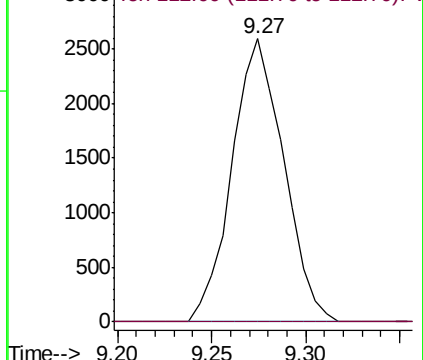
63 100

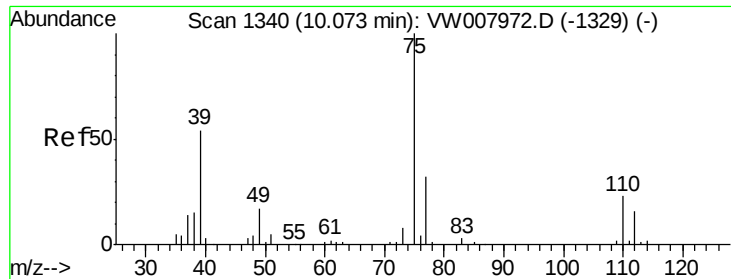
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007990.D

Acq: 28 Dec 2018 00:22

Instrument :

MSVOA_W

ClientSampleId :

GAEP6

Tgt Ion: 75 Resp: 1373

Ion Ratio Lower Upper

75 100

77 65.4 23.0 42.8#

