

Data File : VW011248.D
Acq On : 12 Jul 2019 18:55
Operator : SY/VA
Sample : K3760-17
Misc : 5.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z5

Quant Time: Jul 13 05:36:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	86300	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	69619	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	24359	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	25180	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.44%
7) Chloroethane-d5	2.89	69	21202	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.72%
10) 1,1-Dichloroethene-d2	4.01	63	47118	16.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.52%
20) 2-Butanone-d5	7.08	46	19258	37.10	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.20%
24) Chloroform-d	7.65	84	60928	25.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.04%
26) 1,2-Dichloroethane-d4	8.30	65	36618	25.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.56%
29) Benzene-d6	8.27	84	120141	28.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.04%
33) 1,2-Dichloropropane-d6	9.27	67	41207	29.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.04%
37) Toluene-d8	10.32	98	93612	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.96%
38) trans-1,3-Dichloropropene-	10.58	79	11853	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	10.93	63	12263	38.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29474	25.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	24048	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

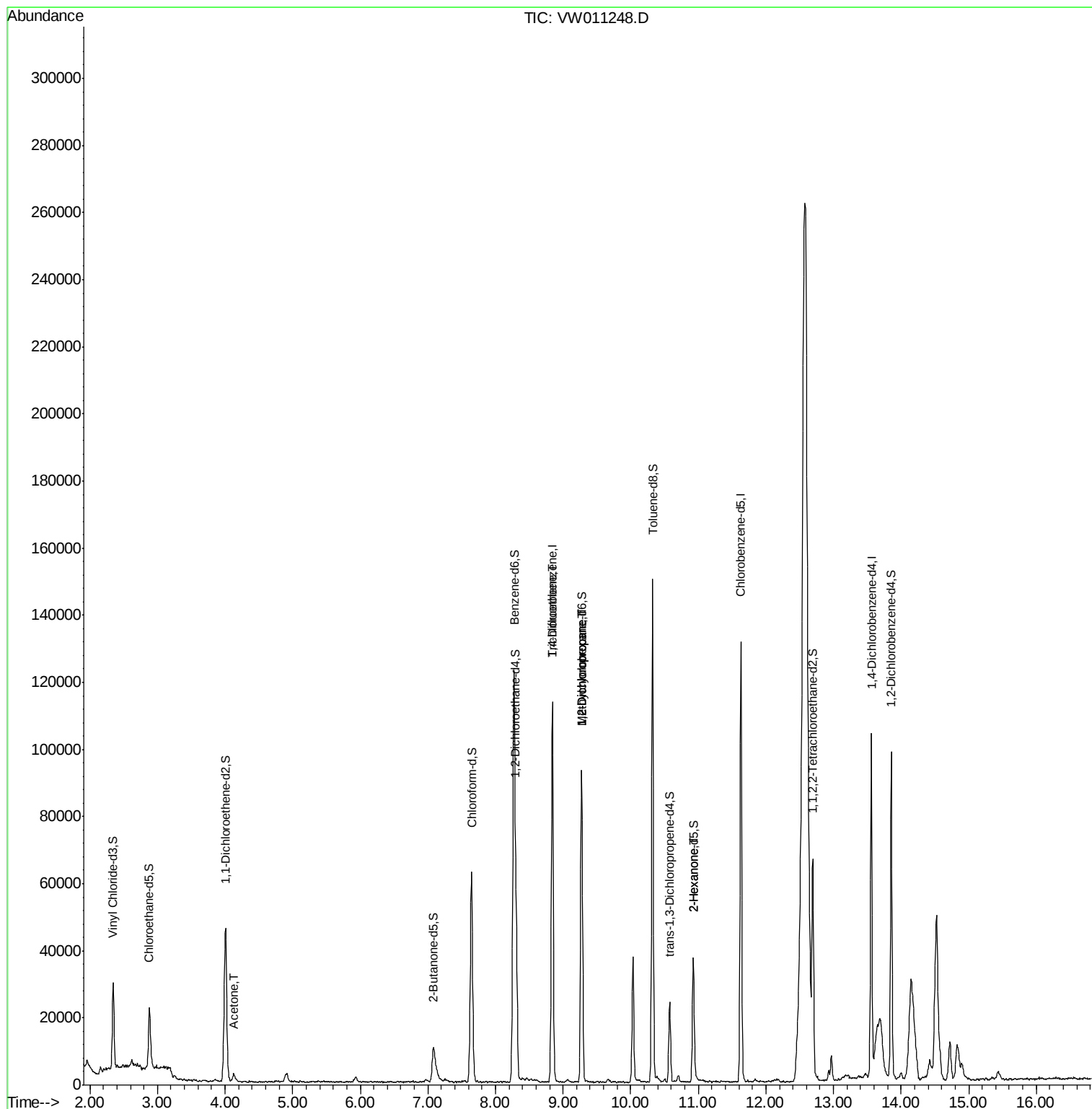
					Qvalue
13) Acetone	4.13	43	3234	6.378 ug/L	92
35) Trichloroethene	8.84	95	2830	2.577 ug/L #	6
36) Methylcyclohexane	9.27	83	9298	4.706 ug/L #	15
40) 1,2-Dichloropropane	9.28	63	4810	4.034 ug/L #	88
49) 2-Hexanone	10.93	43	2524	3.137 ug/L #	67

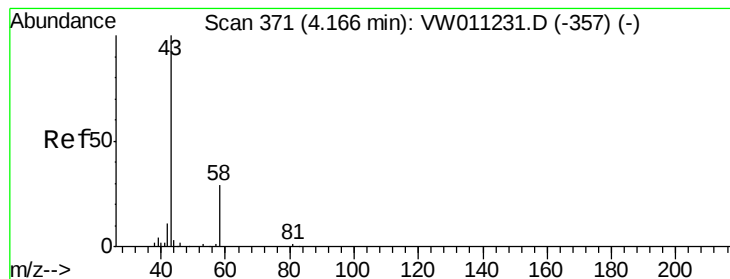
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.378 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

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Acq: 12 Jul 2019 18:55

Instrument :

MSVOA_W

ClientSampleId :

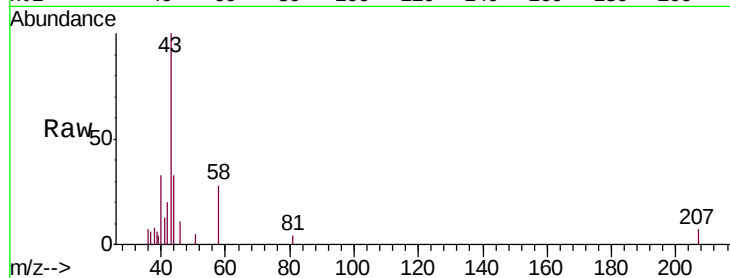
DB8Z5

Tgt Ion: 43 Resp: 3234

Ion Ratio Lower Upper

43 100

58 23.1 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1500

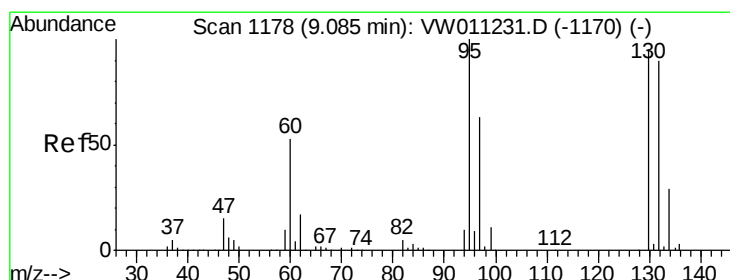
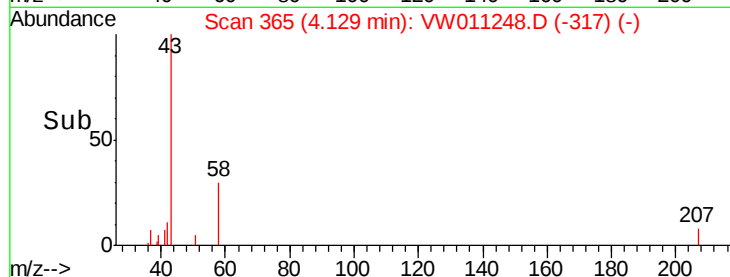
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#35

Trichloroethene

Concen: 2.577 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 2830

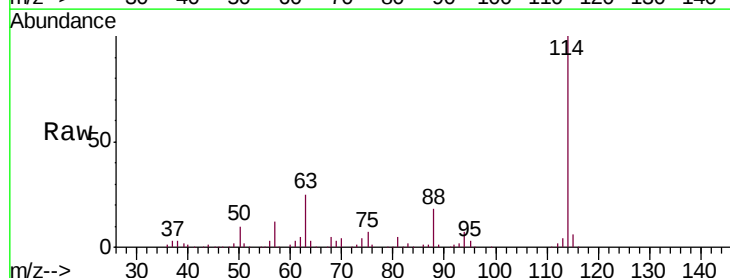
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#



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

2000

1500

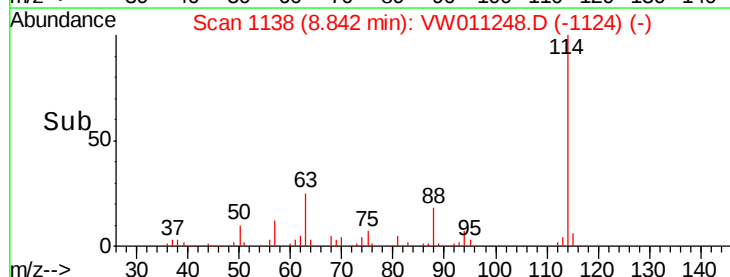
1000

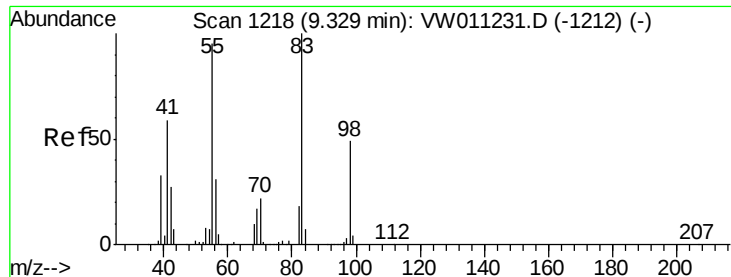
500

0

Time-->

8.80 8.85

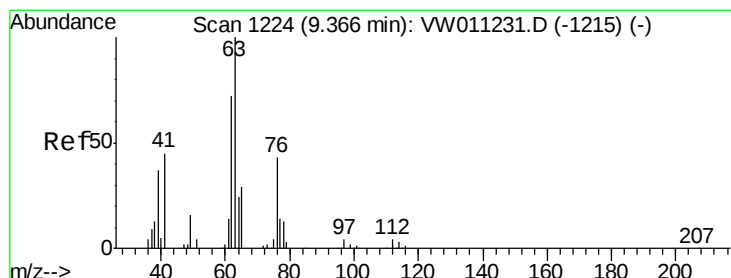
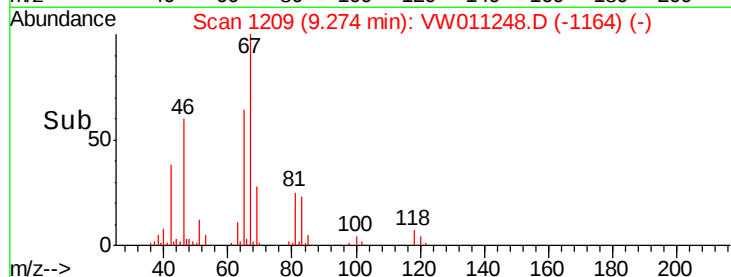
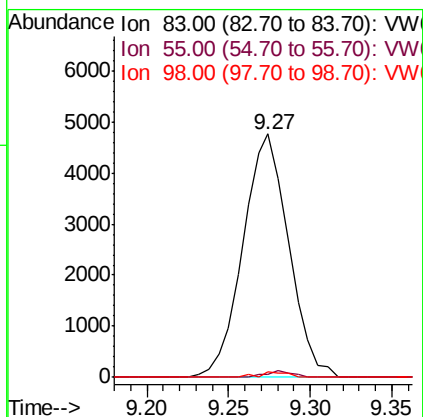
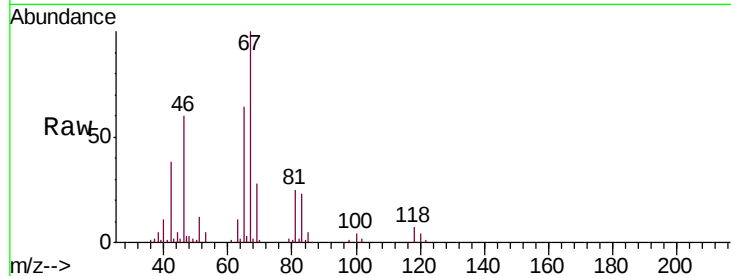




#36
Methylcyclohexane
Concen: 4.706 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
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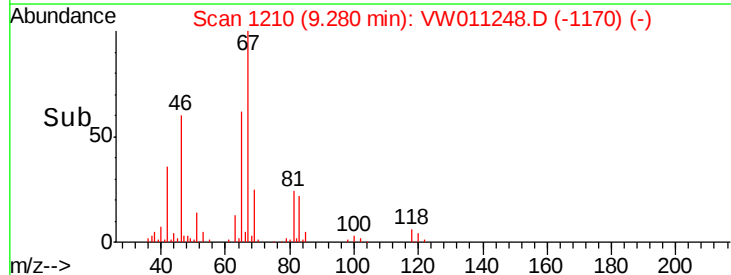
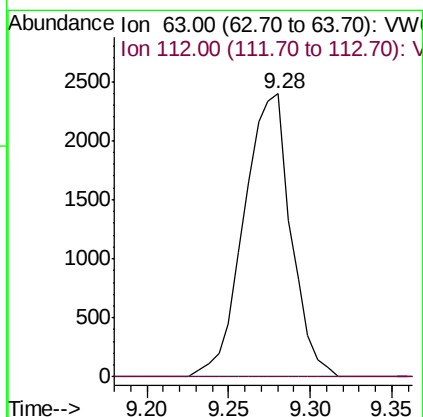
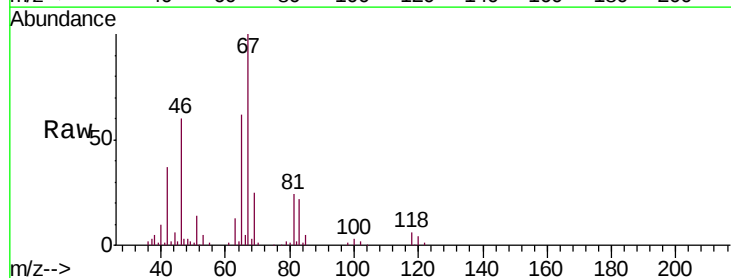
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ClientSampled :
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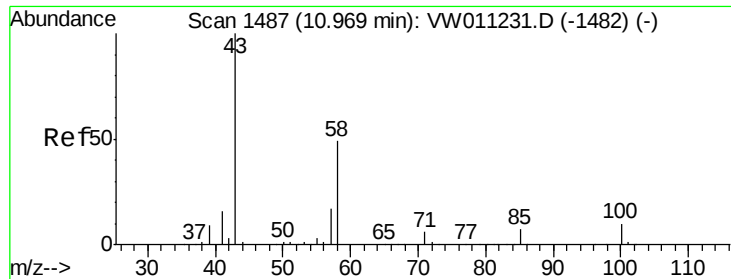
Tgt Ion: 83 Resp: 9298
Ion Ratio Lower Upper
83 100
55 1.6 72.2 108.4#
98 1.2 38.2 57.4#



#40
1,2-Dichloropropane
Concen: 4.034 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW011248.D
Acq: 12 Jul 2019 18:55

Tgt Ion: 63 Resp: 4810
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#49

2-Hexanone

Concen: 3.137 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW011248.D

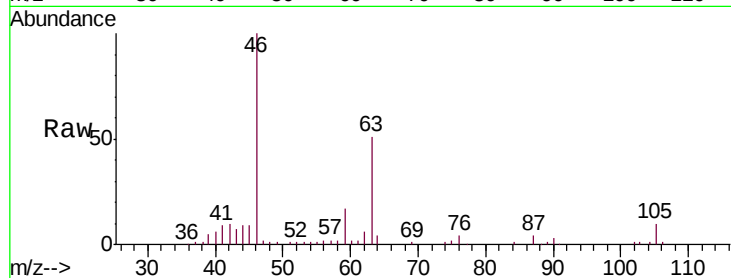
Acq: 12 Jul 2019 18:55

Instrument :

MSVOA_W

ClientSampleId :

DB8Z5



Tgt Ion:	43	Resp:	2524
Ion	Ratio	Lower	Upper
43	100		
58	19.5	38.4	57.6#
57	21.3	13.3	19.9#
100	0.0	7.3	10.9#

