

Data File : VW011596.D
Acq On : 01 Aug 2019 13:40
Operator : SY/VA
Sample : K4070-20
Misc : 5.72G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB9F2

Quant Time: Aug 02 04:33:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 04:30:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	125661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	95508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	26088	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	48733	27.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.16%
7) Chloroethane-d5	2.89	69	36475	28.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.48%
10) 1,1-Dichloroethene-d2	4.01	63	82310	20.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.16%
20) 2-Butanone-d5	7.08	46	34015	42.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.38%
24) Chloroform-d	7.65	84	91452	26.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	8.31	65	55082	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	8.27	84	182692	30.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.68%
33) 1,2-Dichloropropane-d6	9.27	67	59586	30.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.92%#
37) Toluene-d8	10.32	98	144090	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.12%
38) trans-1,3-Dichloropropene-	10.58	79	20373	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.93	63	19434	42.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	41487	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	26228	26.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.36%

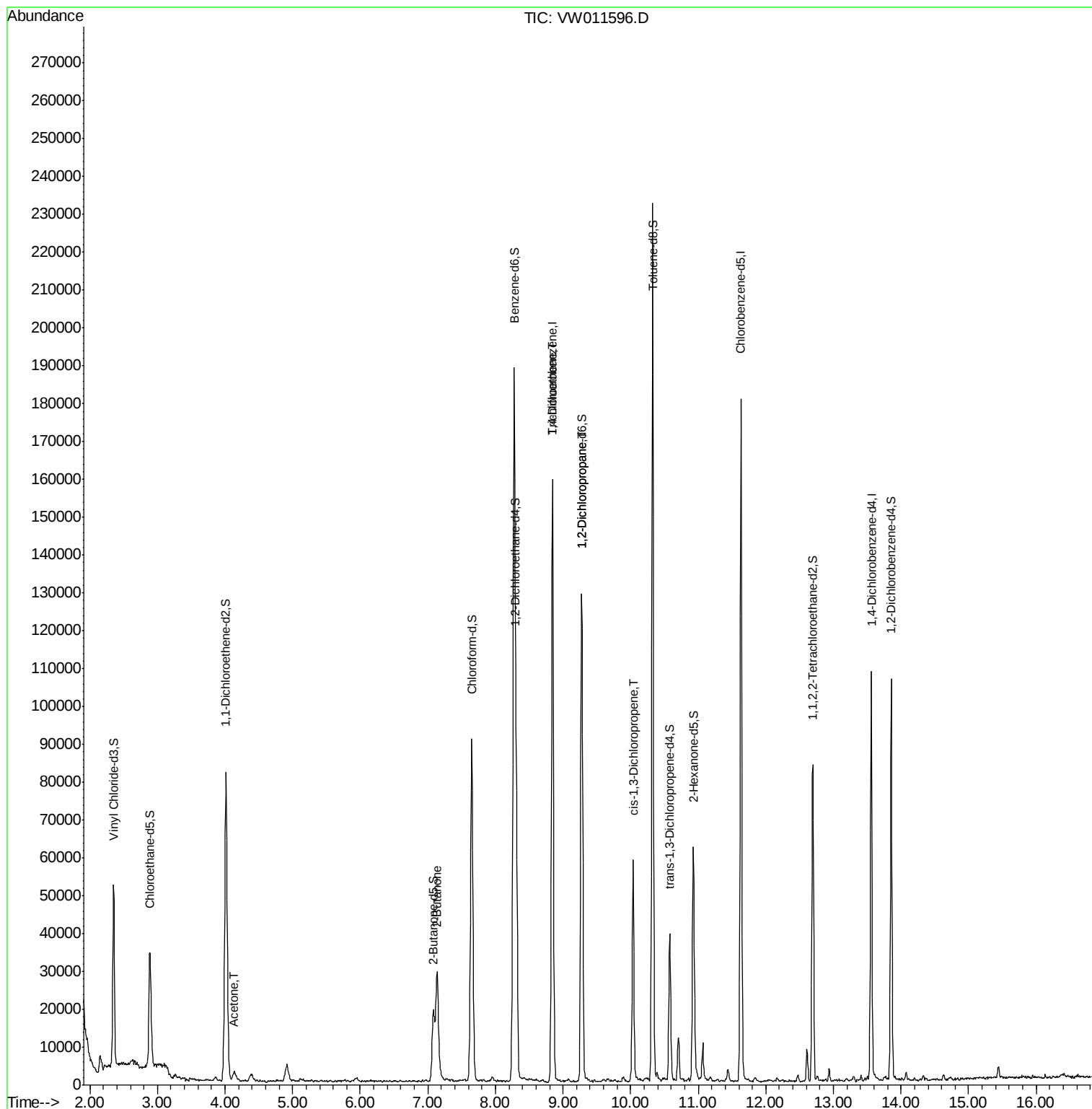
Target Compounds					Qvalue
13) Acetone	4.13	43	3484	4.083 ug/L	90
21) 2-Butanone	7.14	43	3108	2.905 ug/L #	60
35) Trichloroethene	8.85	95	4139	2.436 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	7175	4.016 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1609	0.602 ug/L	95

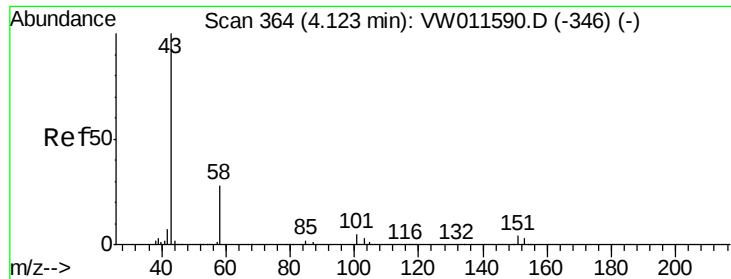
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.083 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

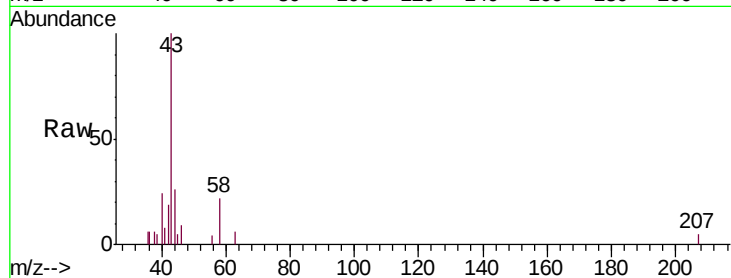
DB9F2

Tgt Ion: 43 Resp: 3484

Ion Ratio Lower Upper

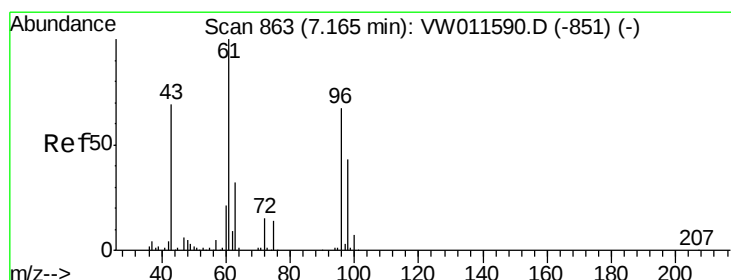
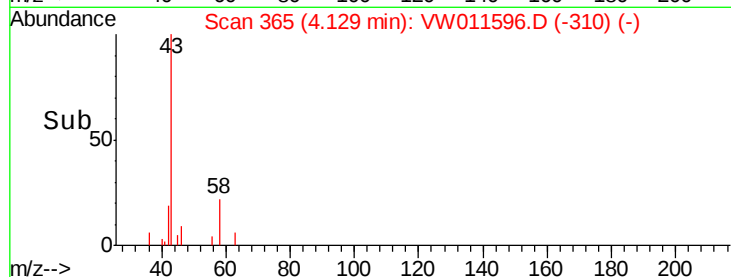
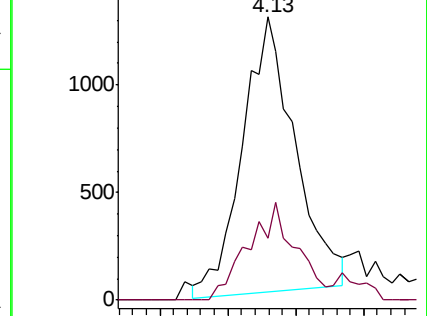
43 100

58 32.0 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.905 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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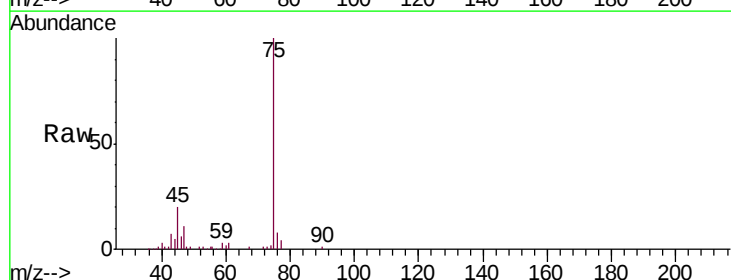
Acq: 01 Aug 2019 13:40

Tgt Ion: 43 Resp: 3108

Ion Ratio Lower Upper

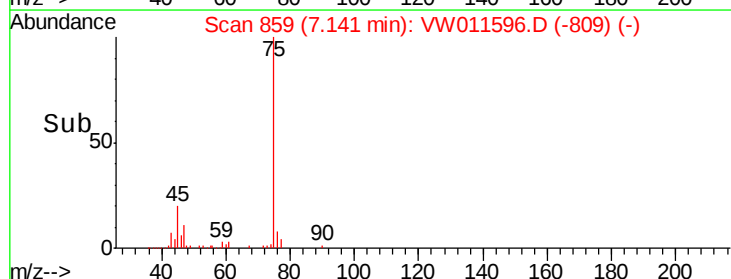
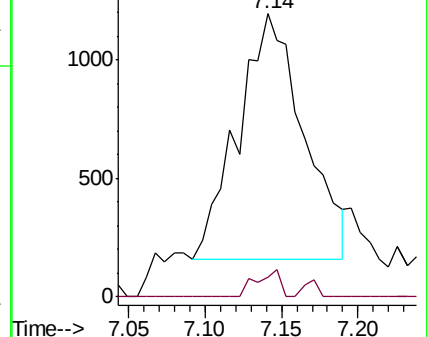
43 100

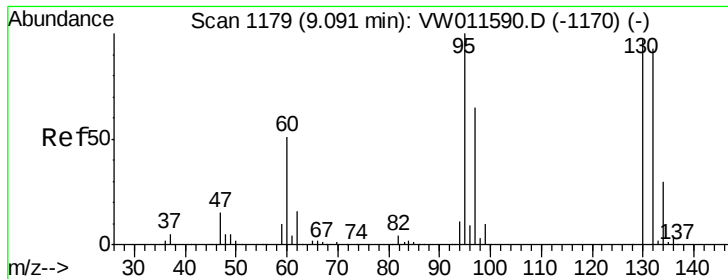
72 2.3 10.7 32.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.436 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

DB9F2

Tgt Ion: 95 Resp: 4139

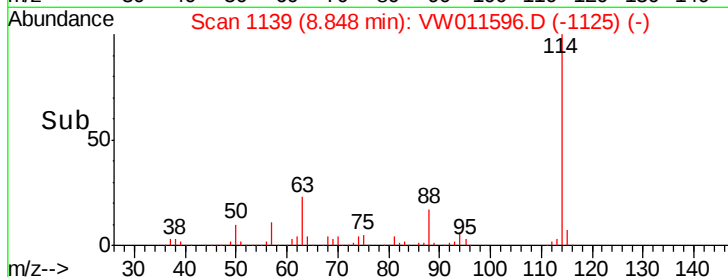
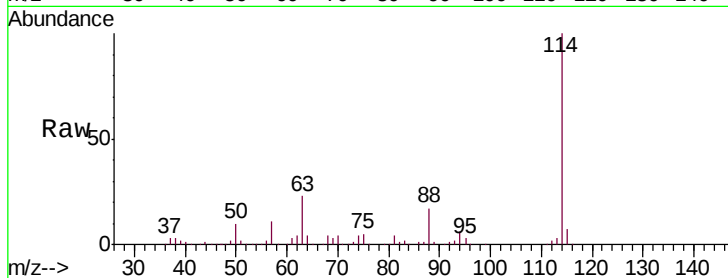
Ion Ratio Lower Upper

95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#

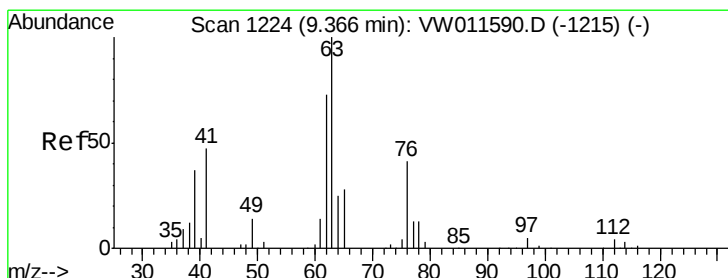
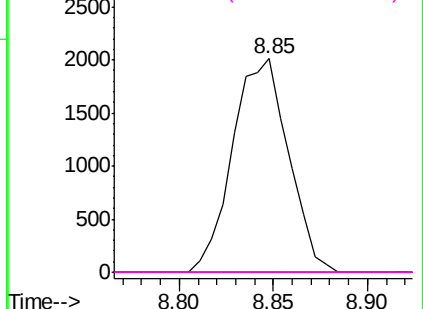


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.016 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW011596.D

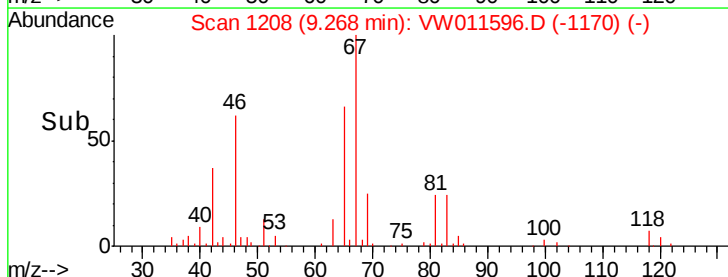
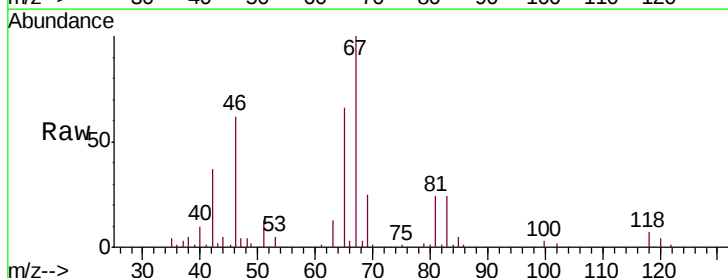
Acq: 01 Aug 2019 13:40

Tgt Ion: 63 Resp: 7175

Ion Ratio Lower Upper

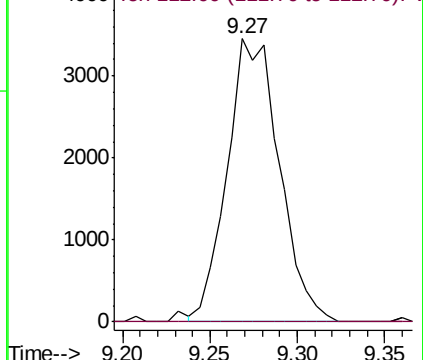
63 100

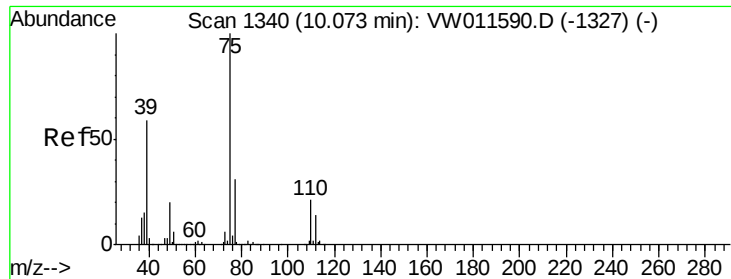
112 0.0 3.1 4.7#



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: 0.602 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW011596.D

Acq: 01 Aug 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

DB9F2

Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

77 34.5 22.3 41.3

