

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004091.D
 Acq On : 20 Jul 2018 23:40
 Operator : SY/AP
 Sample : J4038-04
 Misc : 6.32G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 06:22:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	294643	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	278085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	100225	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	52912	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
7) Chloroethane-d5	2.89	69	39546	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
10) 1,1-Dichloroethene-d2	4.14	63	110	0.02	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.08	46	44139	25.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.66%
24) Chloroform-d	7.65	84	161782	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.31	65	105492	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.16%
29) Benzene-d6	8.27	84	276565	21.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.76%
33) 1,2-Dichloropropane-d6	9.28	67	105246	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	10.33	98	230661	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.60%
38) trans-1,3-Dichloropropene-	10.58	79	34189	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.32%
39) 2-Hexanone-d5	10.93	63	30272	26.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.28%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	113192	24.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.04%
61) 1,2-Dichlorobenzene-d4	13.87	152	78444	24.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.36%

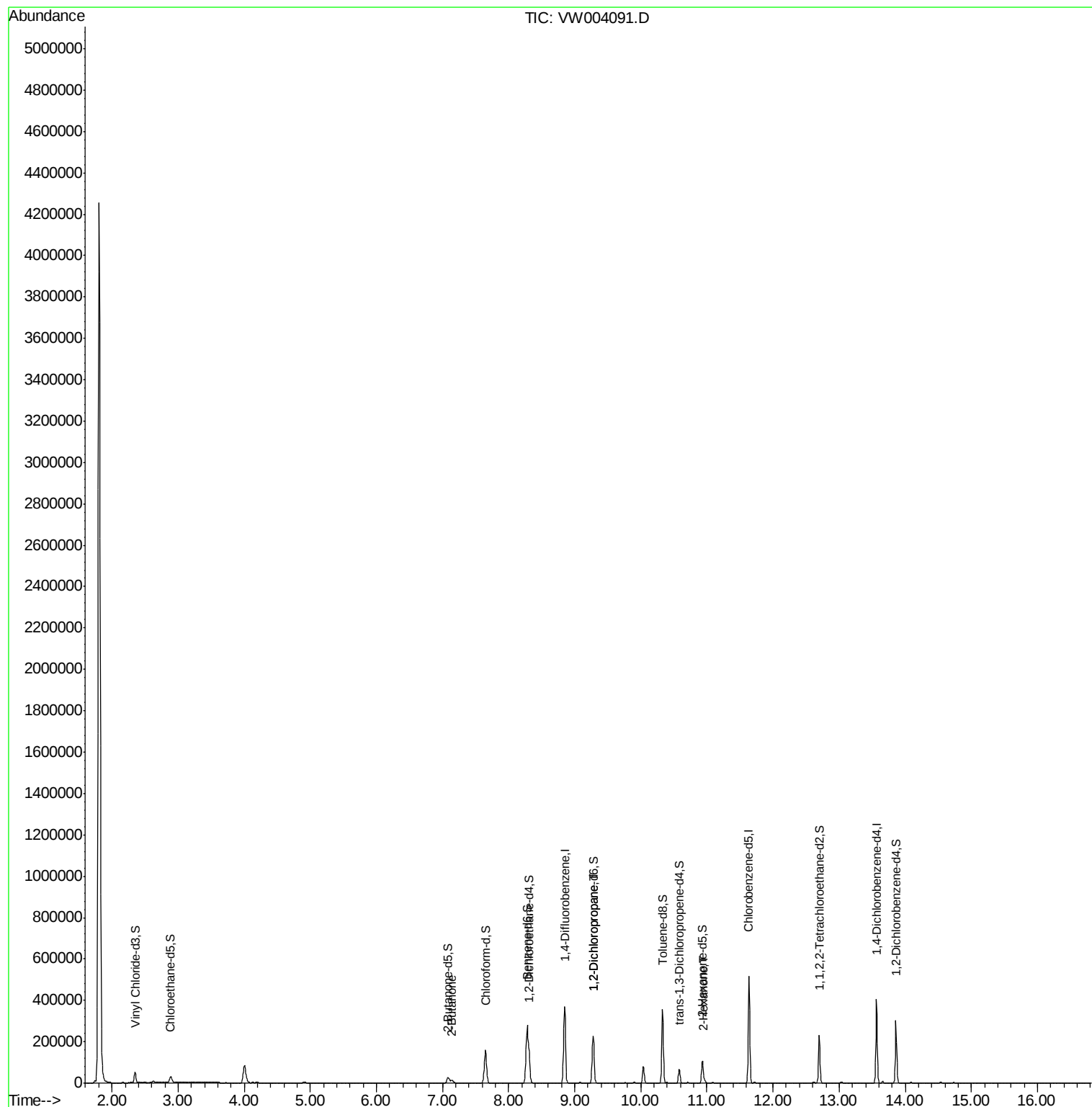
Target Compounds					Ovalue
21) 2-Butanone	7.14	43	11709	5.079 ug/L #	52
40) 1,2-Dichloropropane	9.28	63	11770	2.547 ug/L #	91
49) 2-Hexanone	10.96	43	7929	2.521 ug/L #	42

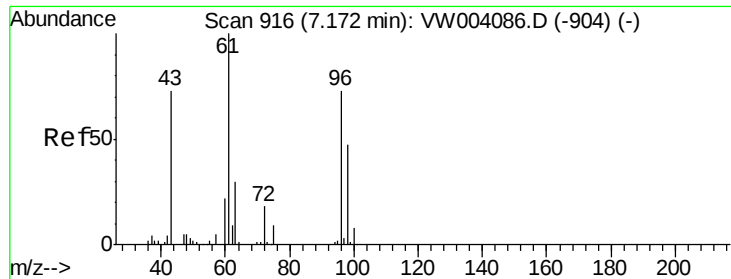
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 5.079 ug/L

RT: 7.14 min Scan# 911

Delta R.T. -0.03 min

Lab File: VW004091.D

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Instrument :

MSVOA_W

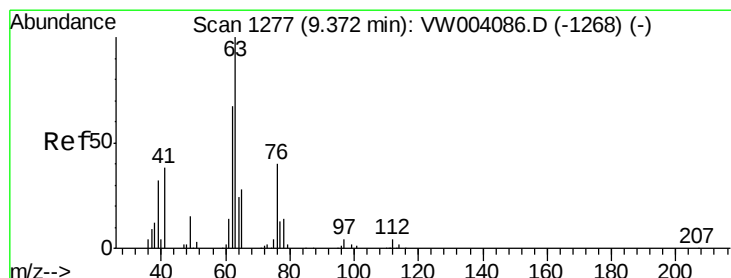
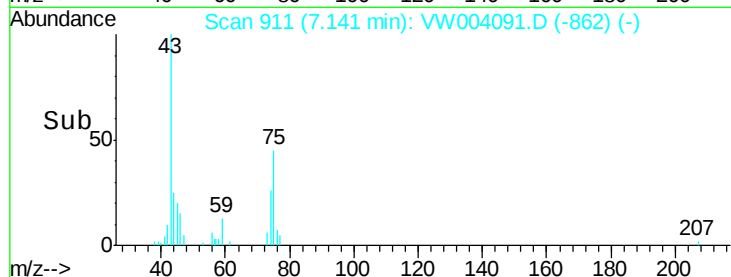
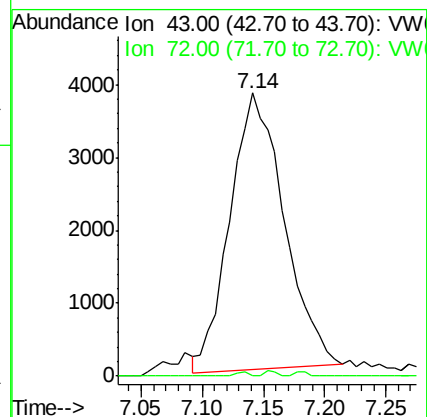
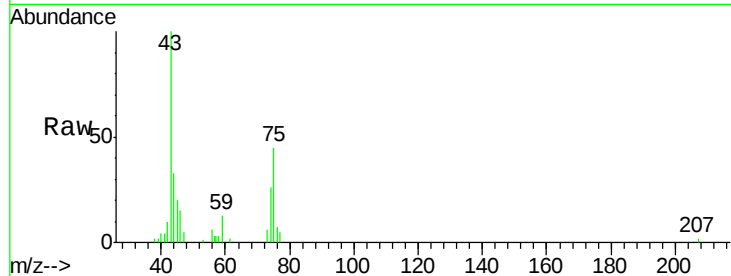
ClientSampled :

Tot Ion: 43 Resp: 11709

Ion Ratio Lower Upper

43 100

72 0.3 12.1 36.3#



#40

1,2-Dichloropropane

Concen: 2.547 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

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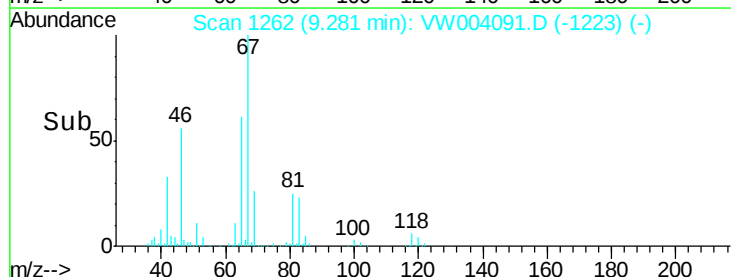
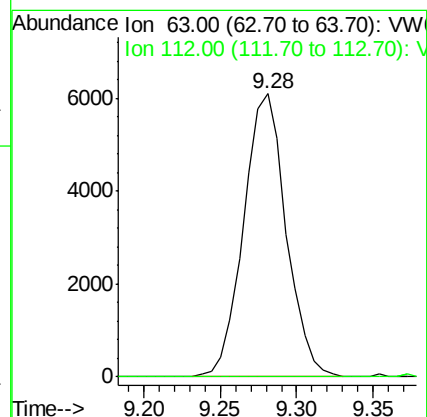
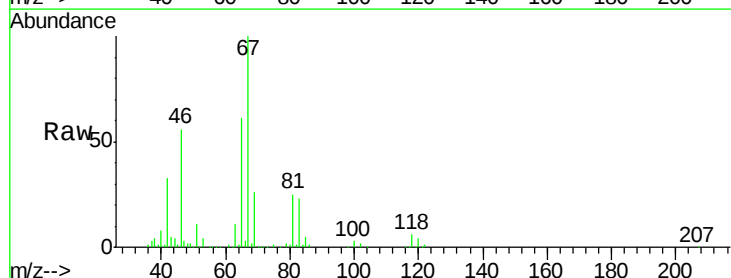
Acq: 20 Jul 2018 23:40

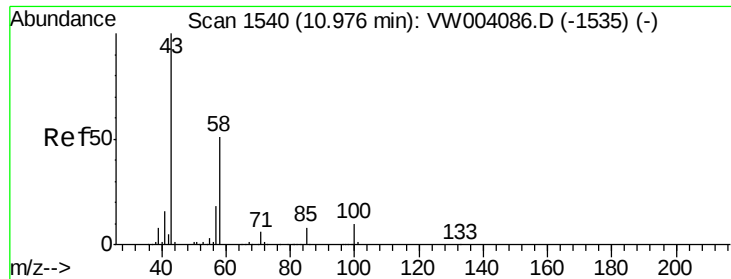
Tgt Ion: 63 Resp: 11770

Ion Ratio Lower Upper

63 100

112 0.7 3.0 4.4#





#49

2-Hexanone

Concen: 2.521 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

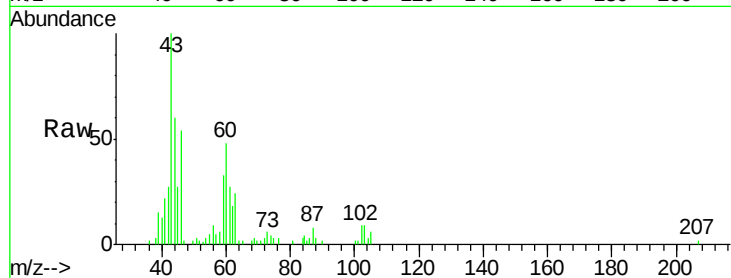
Lab File: VW004091.D

Acq: 20 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 7929

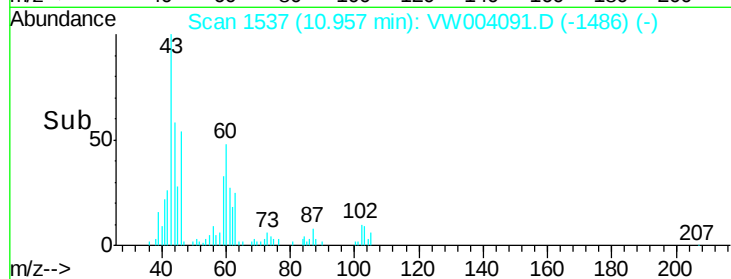
Ion Ratio Lower Upper

43 100

58 0.0 40.4 60.6#

57 2.9 14.0 21.0#

100 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

