

Data File : VW011600.D
Acq On : 01 Aug 2019 15:24
Operator : SY/VA
Sample : K4001-03
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Aug 02 04:34:22 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	8.84	114	343028	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303723	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138626	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108708	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
7) Chloroethane-d5	2.89	69	77121	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.68%
10) 1,1-Dichloroethene-d2	4.02	63	185126	16.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.88%
20) 2-Butanone-d5	7.07	46	125286	57.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.20%
24) Chloroform-d	7.65	84	205806	21.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	8.31	65	130448	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.27	84	433139	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	138357	22.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.76%
37) Toluene-d8	10.32	98	377916	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.16%
38) trans-1,3-Dichloropropene-	10.58	79	57495	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	10.93	63	78362	54.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123911	24.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	123674	23.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.60%

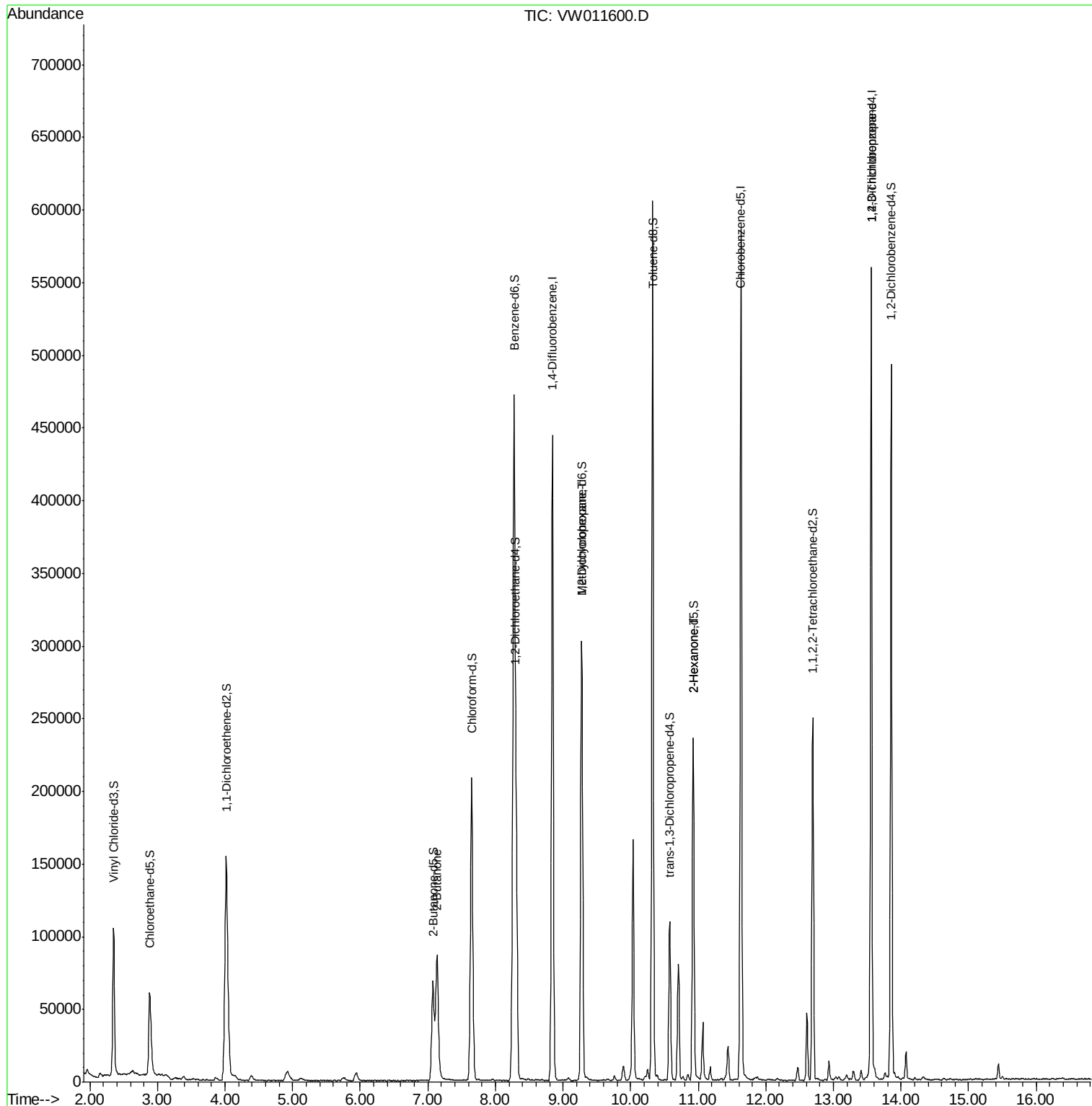
Target Compounds					Qvalue
21) 2-Butanone	7.14	43	6200	2.123 ug/L #	67
36) Methylcyclohexane	9.27	83	31889	3.253 ug/L #	15
49) 2-Hexanone	10.93	43	10884	2.744 ug/L #	67
59) 1,2,3-Trichloropropane	13.55	75	18535	4.669 ug/L	89

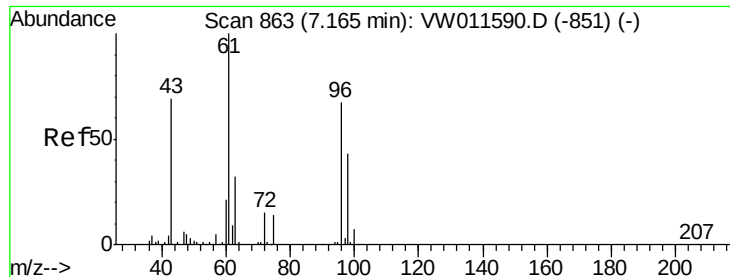
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.123 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

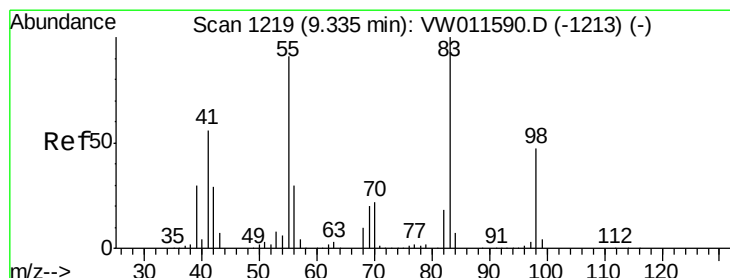
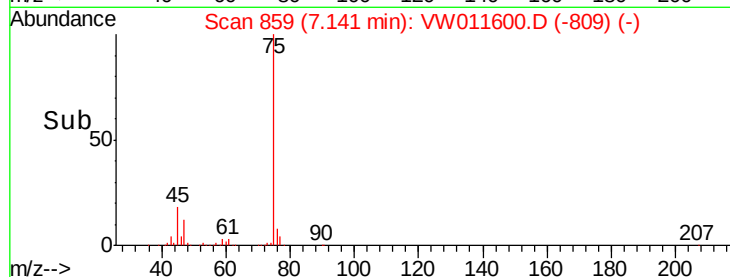
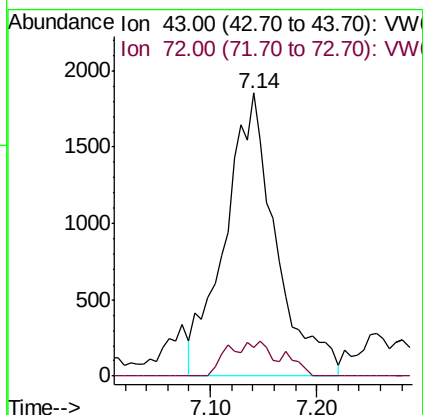
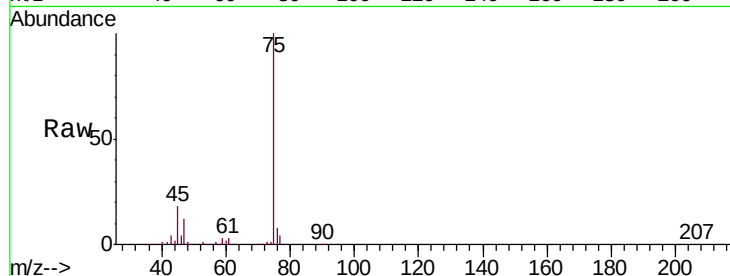
VHBLK01

Tgt Ion: 43 Resp: 6200

Ion Ratio Lower Upper

43 100

72 6.0 10.7 32.1#



#36

Methylcyclohexane

Concen: 3.253 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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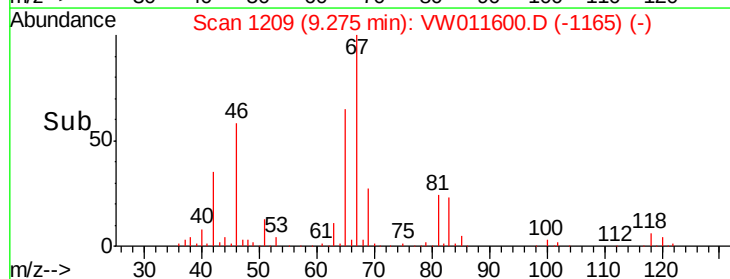
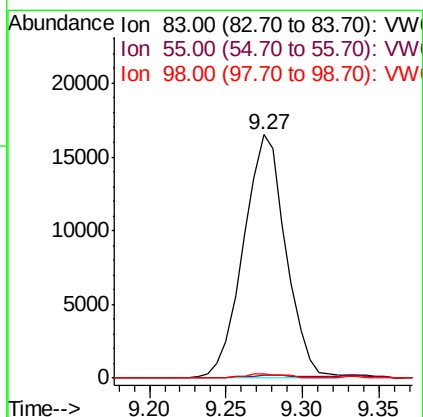
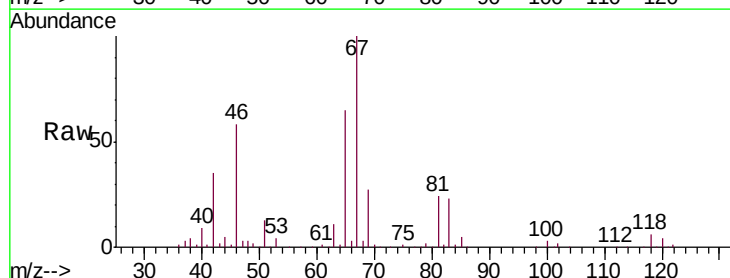
Tgt Ion: 83 Resp: 31889

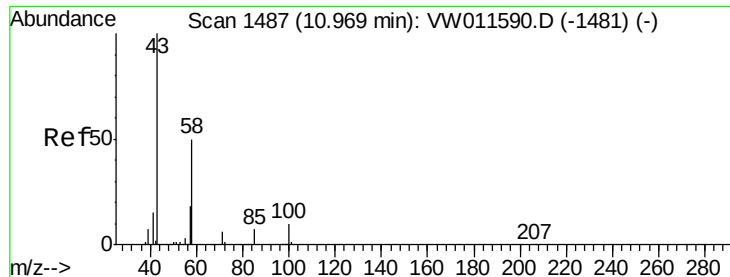
Ion Ratio Lower Upper

83 100

55 1.5 72.6 108.8#

98 1.3 37.8 56.6#





#49

2-Hexanone

Concen: 2.744 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 10884

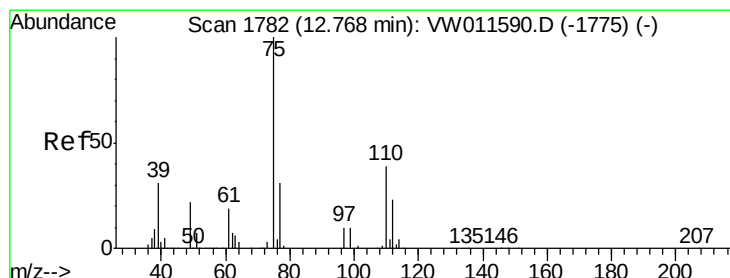
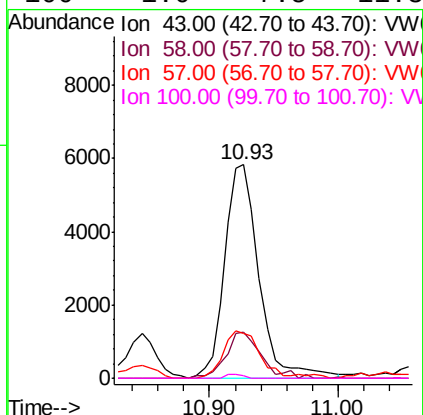
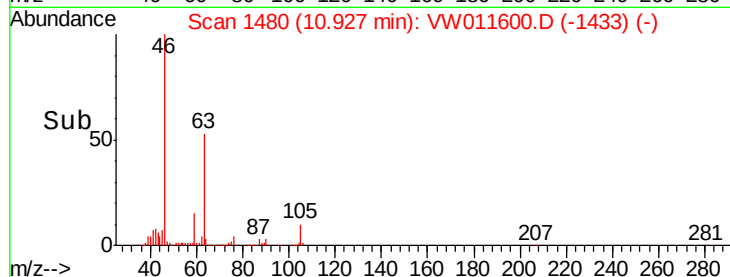
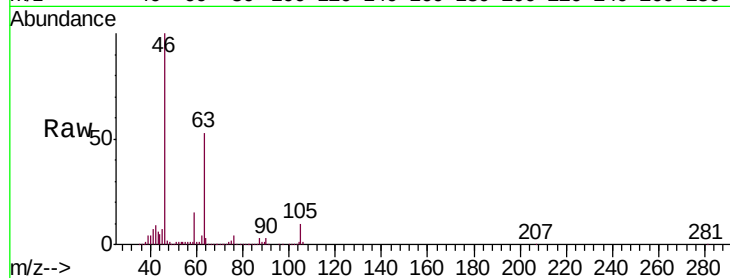
Ion Ratio Lower Upper

43 100

58 20.6 38.6 57.8#

57 22.9 13.0 19.6#

100 1.0 7.5 11.3#



#59

1,2,3-Trichloropropane

Concen: 4.669 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 18535

Ion Ratio Lower Upper

75 100

77 37.3 25.1 37.7

