

Data File : VW011606.D
Acq On : 01 Aug 2019 18:01
Operator : SY/VA
Sample : K4116-04
Misc : 5.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLD3

Quant Time: Aug 02 04:34:58 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	290640	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240784	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	92276	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104474	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.12%
7) Chloroethane-d5	2.89	69	76838	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
10) 1,1-Dichloroethene-d2	4.02	63	175415	18.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.80%
20) 2-Butanone-d5	7.08	46	96196	52.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.40%
24) Chloroform-d	7.65	84	206267	25.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.36%
26) 1,2-Dichloroethane-d4	8.31	65	130204	27.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.24%
29) Benzene-d6	8.27	84	412286	27.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.92%
33) 1,2-Dichloropropane-d6	9.27	67	140862	28.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.28%
37) Toluene-d8	10.32	98	339931	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.20%
38) trans-1,3-Dichloropropene-	10.58	79	52474	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.96%
39) 2-Hexanone-d5	10.93	63	61421	53.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110435	27.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	88704	24.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.80%

Target Compounds

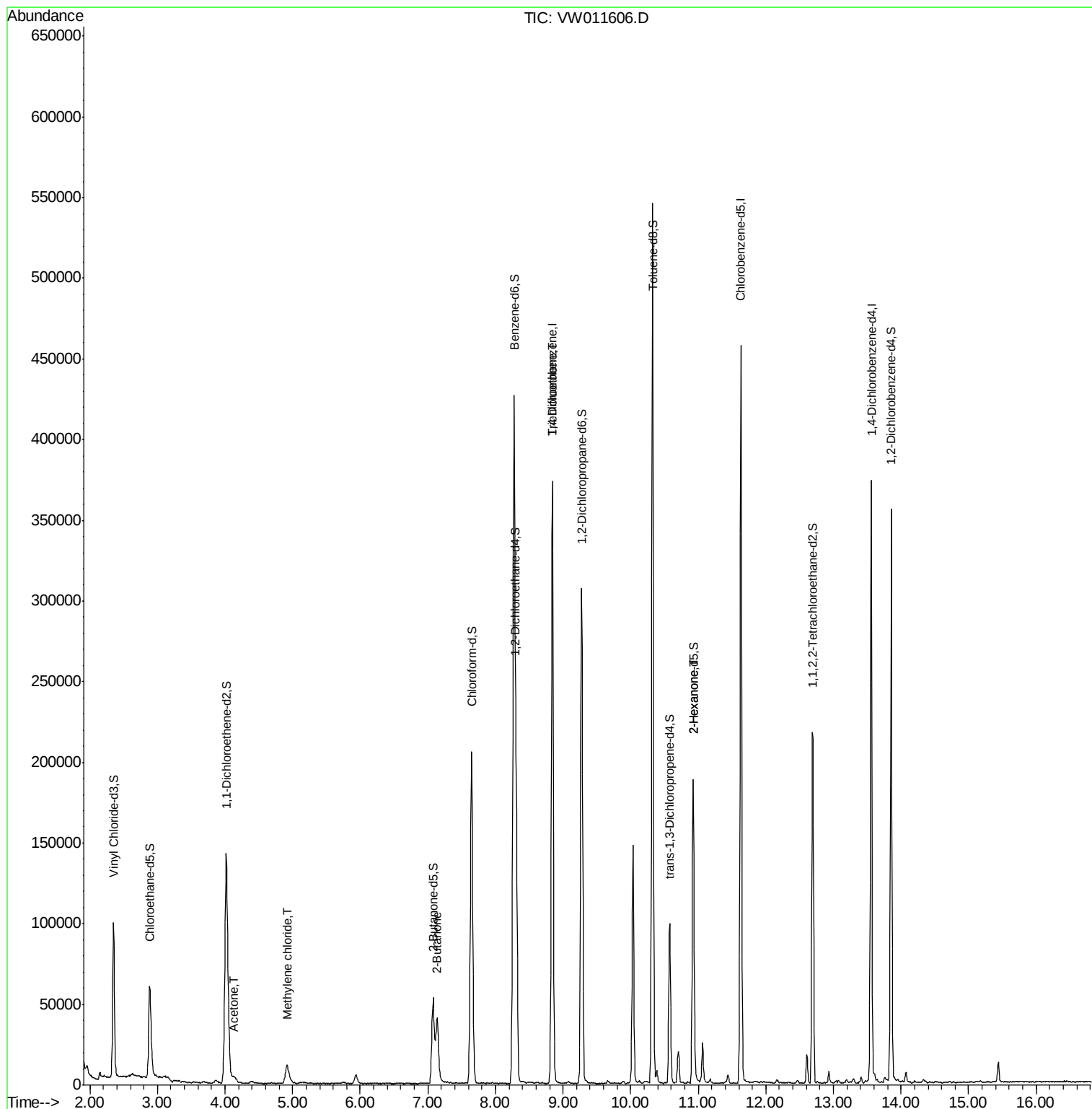
					Qvalue
13) Acetone	4.13	43	3863	1.957 ug/L	74
16) Methylene chloride	4.92	84	8562	1.888 ug/L	88
21) 2-Butanone	7.13	43	6532	2.640 ug/L #	61
35) Trichloroethene	8.84	95	9058	2.115 ug/L #	6
49) 2-Hexanone	10.93	43	12043	3.830 ug/L #	66

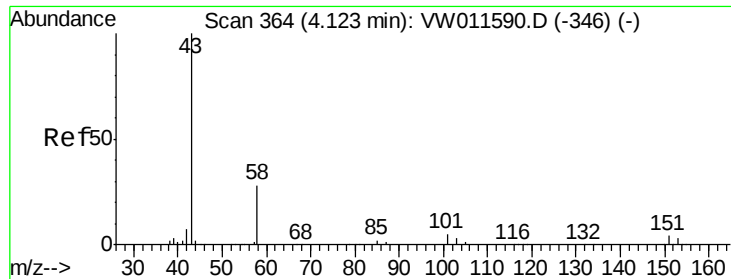
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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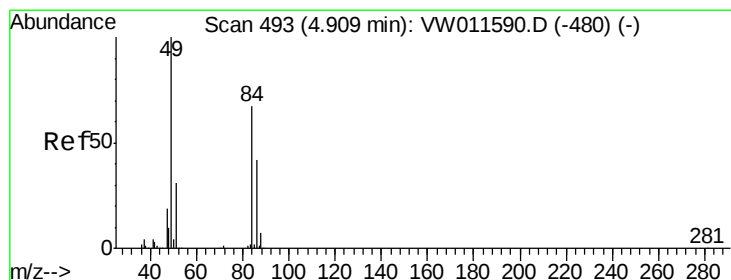
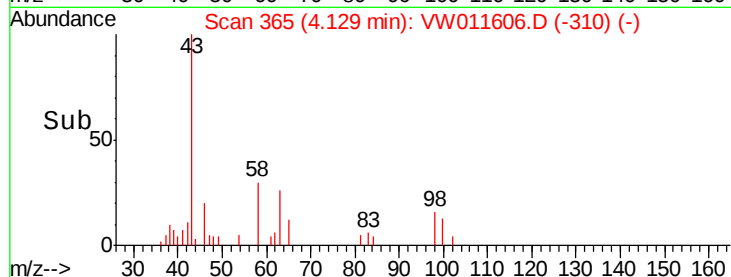
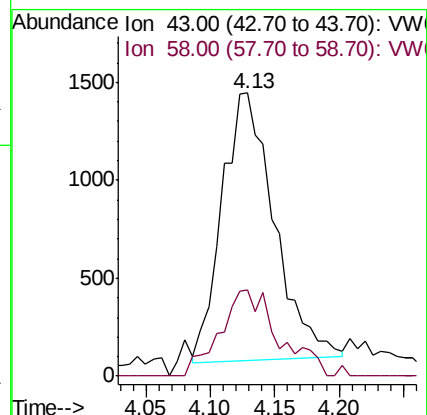
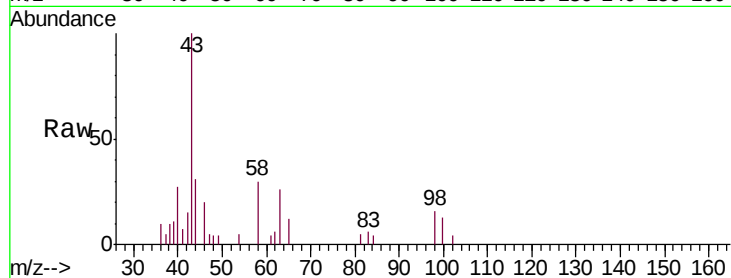




#13
Acetone
Concen: 1.957 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW011606.D
Acq: 01 Aug 2019 18:01

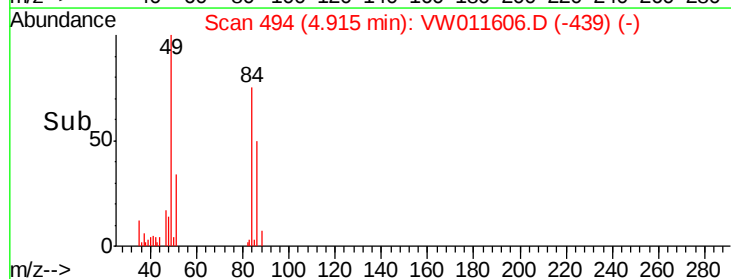
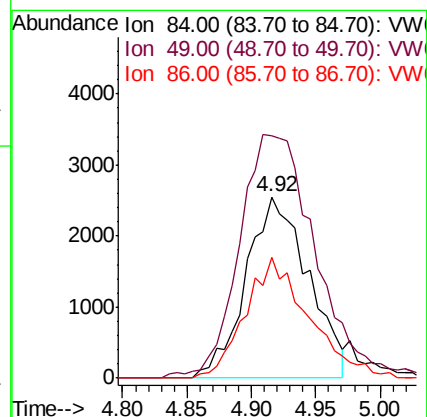
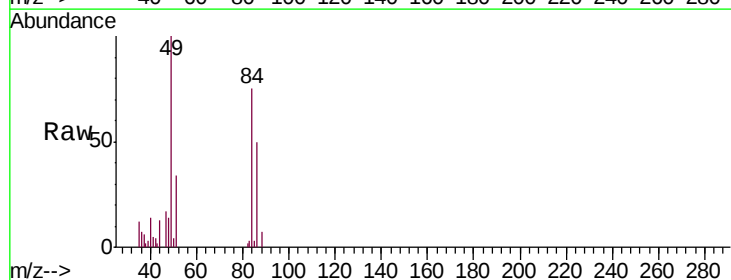
Instrument :
MSVOA_W
ClientSampled :
JLLD3

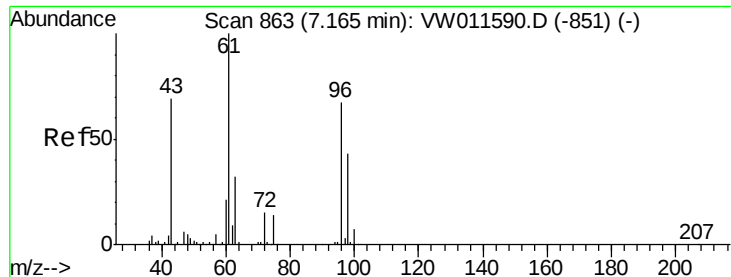
Tgt Ion: 43 Resp: 3863
Ion Ratio Lower Upper
43 100
58 13.1 0.0 53.4



#16
Methylene chloride
Concen: 1.888 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW011606.D
Acq: 01 Aug 2019 18:01

Tgt Ion: 84 Resp: 8562
Ion Ratio Lower Upper
84 100
49 133.7 106.8 198.4
86 66.3 42.8 79.4





#21

2-Butanone

Concen: 2.640 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011606.D

Acq: 01 Aug 2019 18:01

Instrument :

MSVOA_W

ClientSampleId :

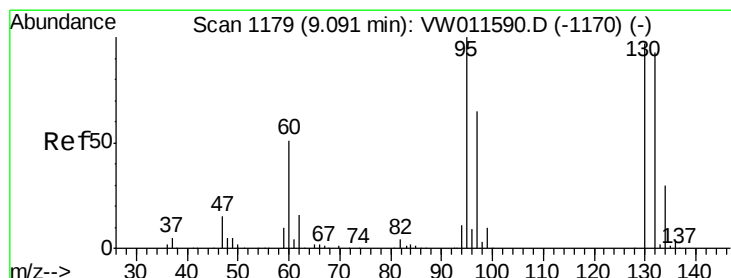
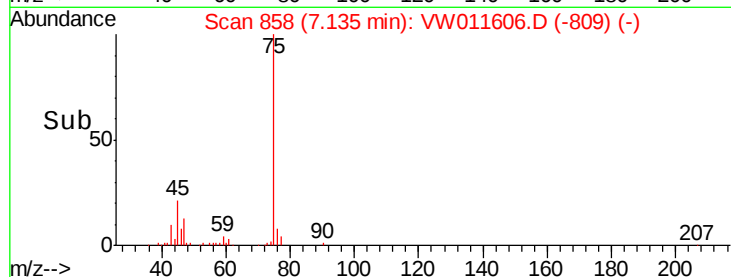
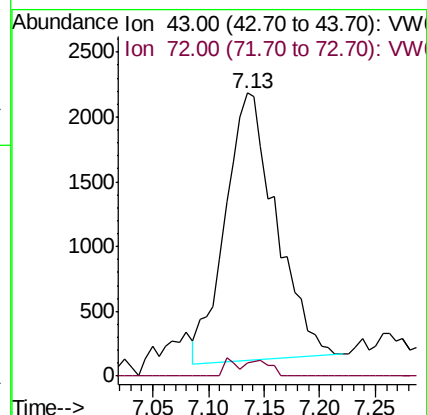
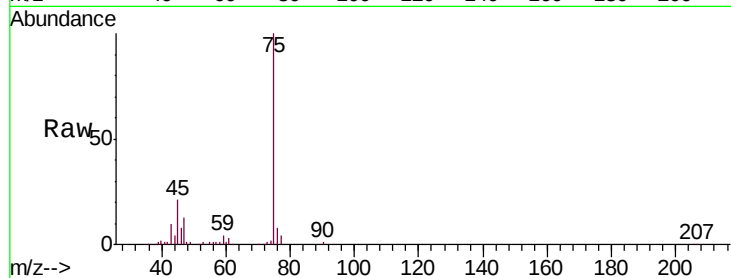
JLLD3

Tgt Ion: 43 Resp: 6532

Ion Ratio Lower Upper

43 100

72 2.8 10.7 32.1#



#35

Trichloroethene

Concen: 2.115 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 9058

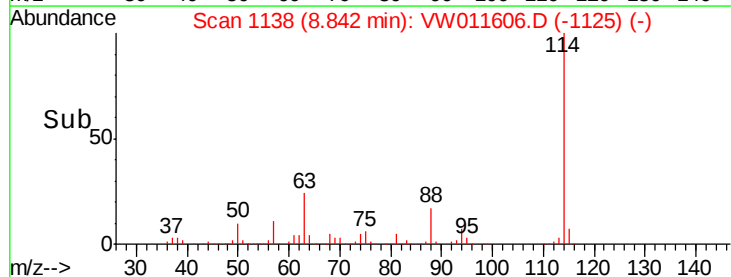
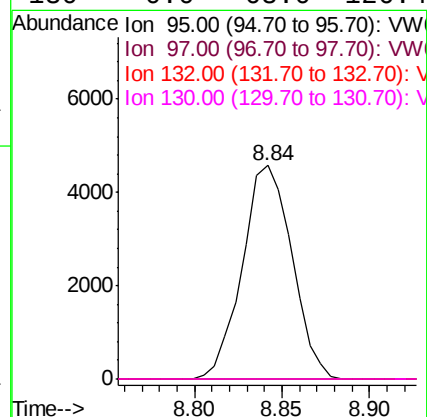
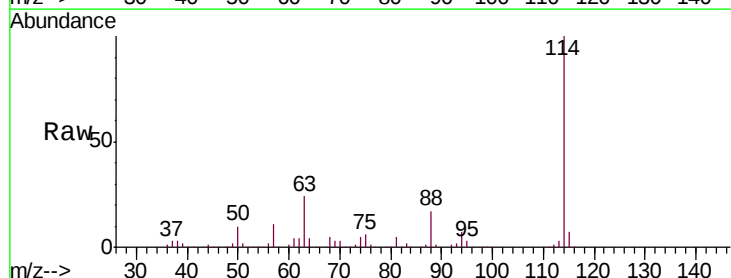
Ion Ratio Lower Upper

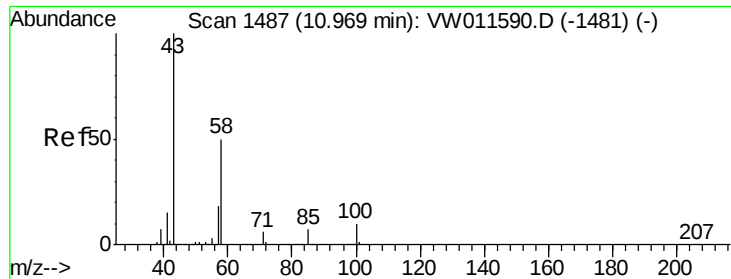
95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#





#49

2-Hexanone

Concen: 3.830 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW011606.D

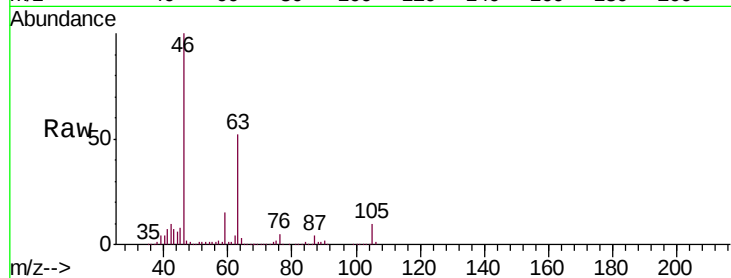
Acq: 01 Aug 2019 18:01

Instrument :

MSVOA_W

ClientSampleId :

JLLD3



Tgt Ion:	43	Resp:	12043
Ion	Ratio	Lower	Upper
43	100		
58	16.6	38.6	57.8#
57	17.5	13.0	19.6
100	1.4	7.5	11.3#

