

Data File : VW011621.D
Acq On : 02 Aug 2019 14:24
Operator : SY/VA
Sample : K4116-14
Misc : 4.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLE6

Quant Time: Aug 03 02:26:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 02:22:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	290065	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	241723	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	91598	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102998	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
7) Chloroethane-d5	2.89	69	78090	26.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.16%
10) 1,1-Dichloroethene-d2	4.02	63	176260	18.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.28%
20) 2-Butanone-d5	7.08	46	82807	45.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.04%
24) Chloroform-d	7.65	84	209781	26.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.32%
26) 1,2-Dichloroethane-d4	8.40	65	73	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	422636	27.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.20%
33) 1,2-Dichloropropane-d6	9.27	67	141374	28.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.24%
37) Toluene-d8	10.32	98	348977	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.58	79	51913	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.93	63	52894	46.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100664	24.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	90500	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

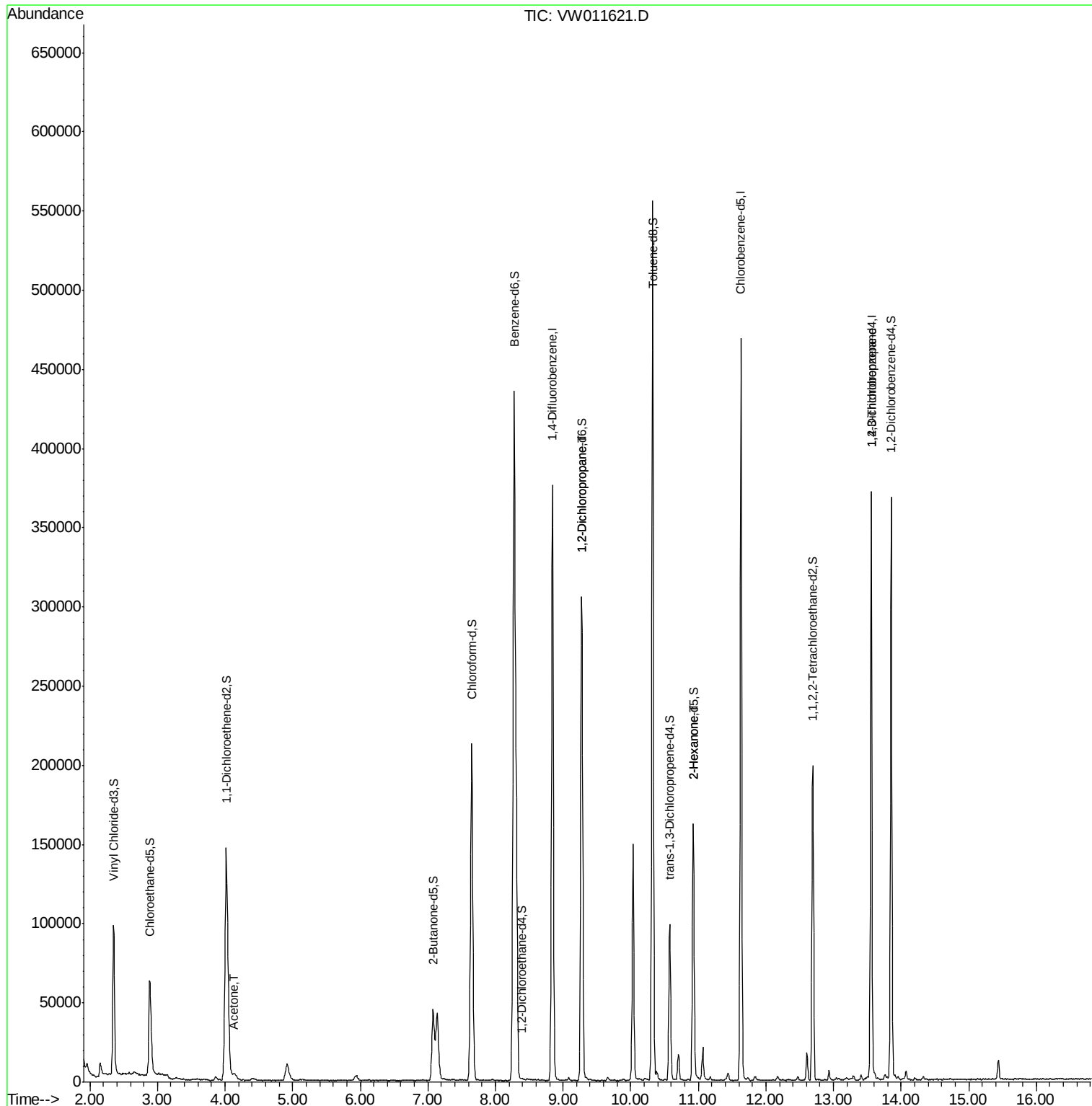
Target Compounds					Qvalue
13) Acetone	4.13	43	4635	2.353 ug/L	86
40) 1,2-Dichloropropane	9.27	63	15684	3.469 ug/L #	89
49) 2-Hexanone	10.93	43	7965	2.524 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	12548	3.971 ug/L	95

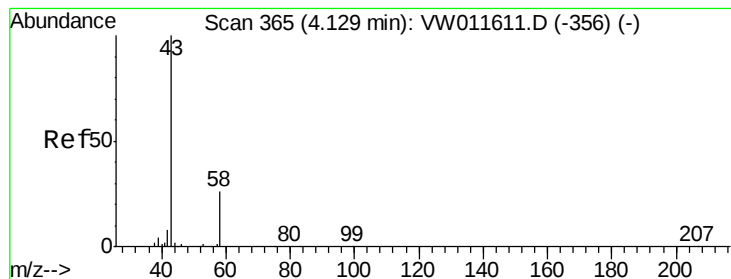
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.353 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

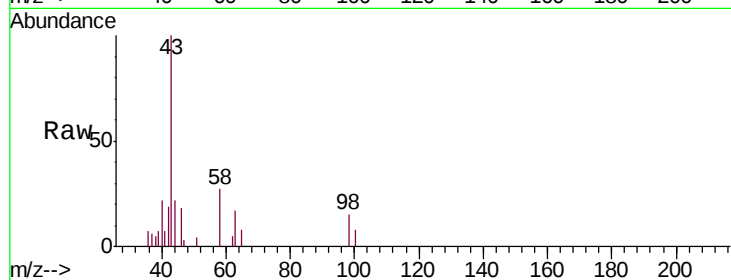
JLLE6

Tgt Ion: 43 Resp: 4635

Ion Ratio Lower Upper

43 100

58 19.6 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2000

1500

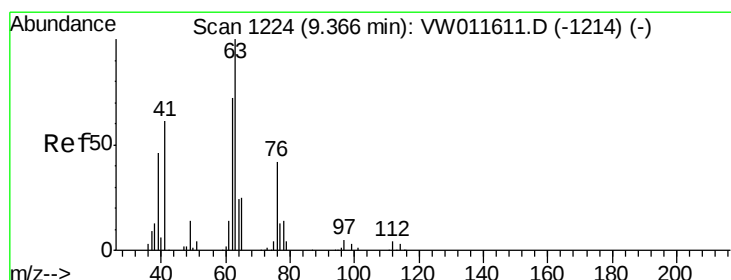
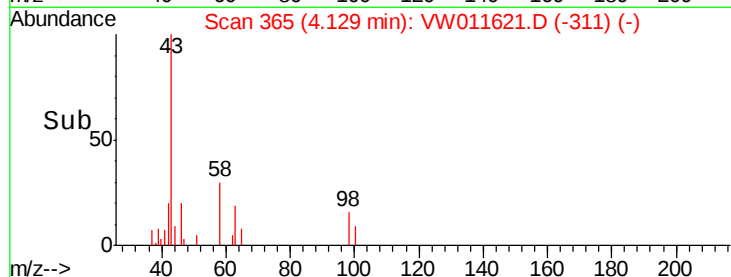
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#40

1,2-Dichloropropane

Concen: 3.469 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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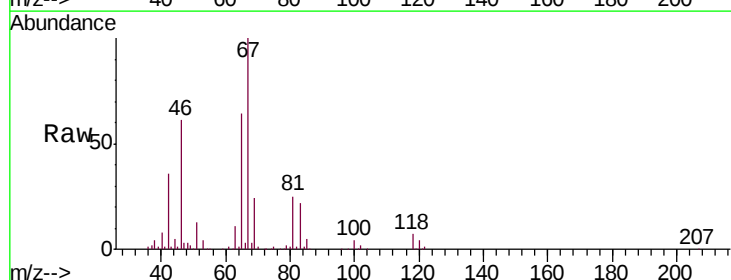
Acq: 02 Aug 2019 14:24

Tgt Ion: 63 Resp: 15684

Ion Ratio Lower Upper

63 100

112 0.2 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.27

8000

6000

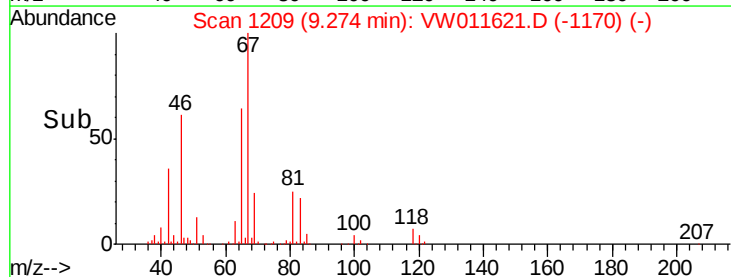
4000

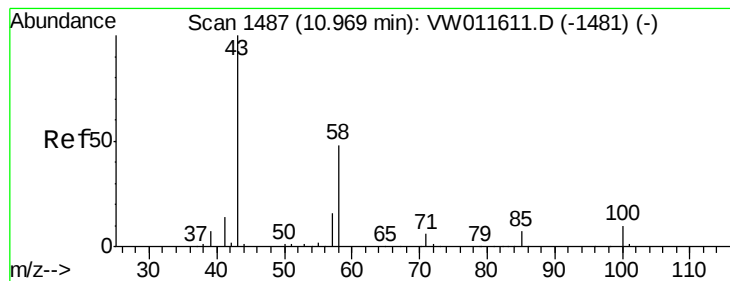
2000

0

Time-->

9.20 9.25 9.30 9.35





#49

2-Hexanone

Concen: 2.524 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

JLLE6

Tgt Ion: 43 Resp: 7965

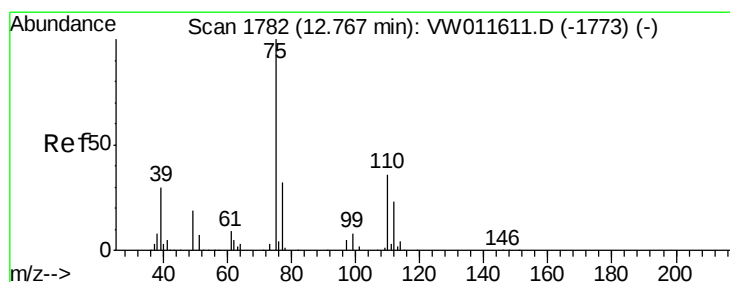
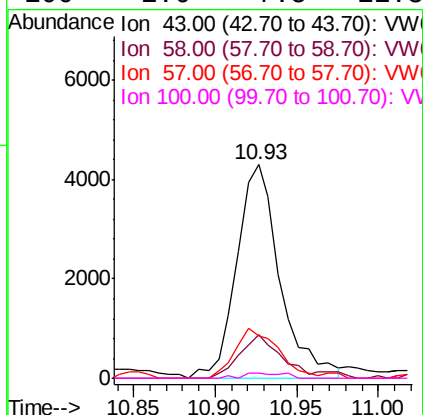
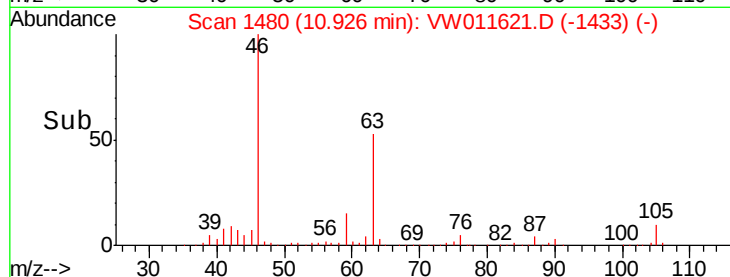
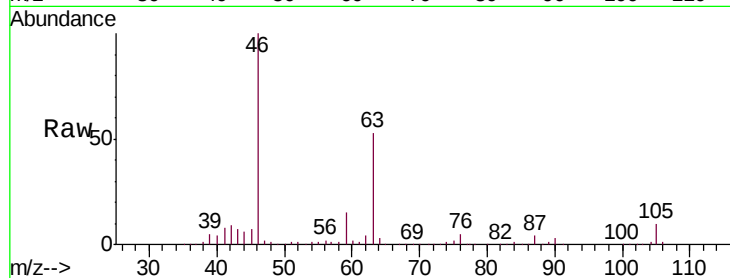
Ion Ratio Lower Upper

43 100

58 19.1 38.6 57.8#

57 23.2 13.0 19.6#

100 1.6 7.5 11.3#



#59

1,2,3-Trichloropropane

Concen: 3.971 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 12548

Ion Ratio Lower Upper

75 100

77 33.9 25.1 37.7

