

Data File : VW013808.D
Acq On : 29 Oct 2019 22:35
Operator : SY/VA
Sample : K5565-04
Misc : 6.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLNA3

Quant Time: Oct 30 08:19:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	285074	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265934	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129393	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	85599	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
7) Chloroethane-d5	2.89	69	74880	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.76%
10) 1,1-Dichloroethene-d2	4.01	63	137830	17.84	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	7.07	46	55194	44.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.24%
24) Chloroform-d	7.65	84	200022	25.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.32%
26) 1,2-Dichloroethane-d4	8.31	65	107901	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	424858	26.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.36%
33) 1,2-Dichloropropane-d6	9.27	67	129534	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.60%
37) Toluene-d8	10.32	98	378674	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.80%
38) trans-1,3-Dichloropropene-	10.58	79	48875	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.84%
39) 2-Hexanone-d5	10.93	63	45626	50.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97573	24.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	115568	25.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.08%

Target Compounds

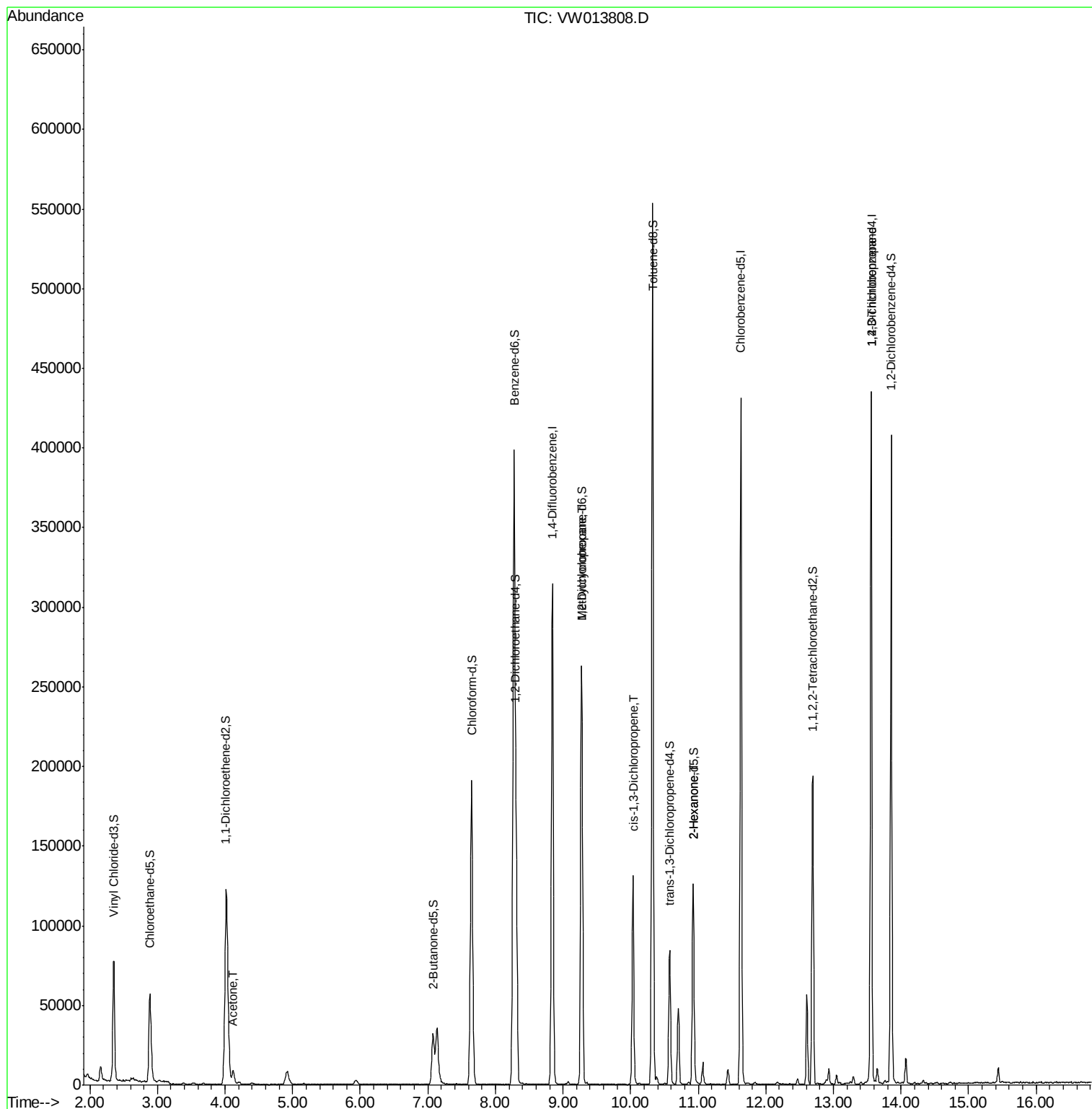
					Qvalue
13) Acetone	4.12	43	14640	10.544 ug/L	97
36) Methylcyclohexane	9.27	83	31762	3.681 ug/L #	19
42) cis-1,3-Dichloropropene	10.04	75	2987	0.406 ug/L #	77
49) 2-Hexanone	10.92	43	5826	2.580 ug/L #	62
59) 1,2,3-Trichloropropane	13.56	75	13640	4.337 ug/L	95

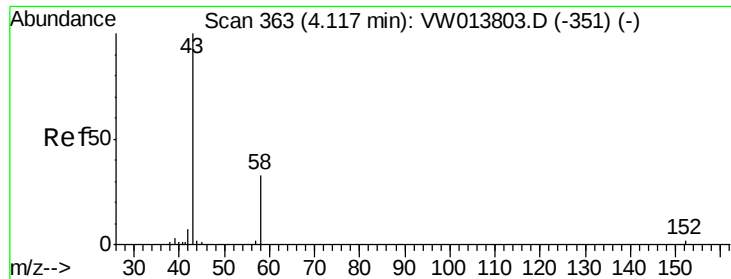
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.544 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

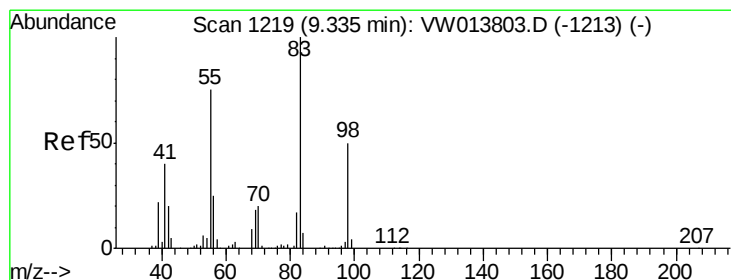
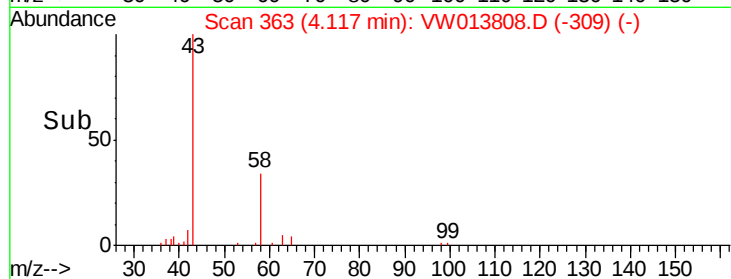
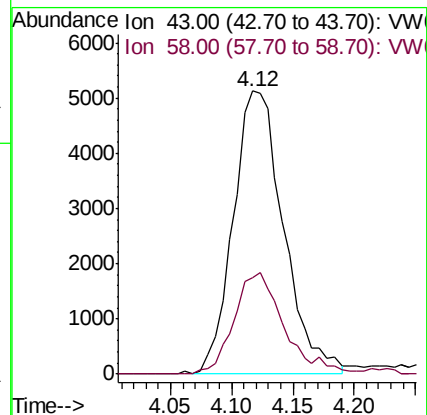
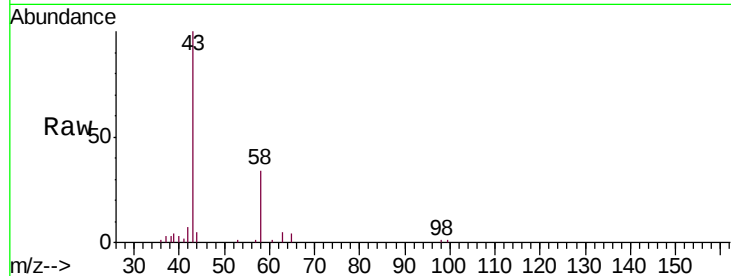
JLNA3

Tgt Ion: 43 Resp: 14640

Ion Ratio Lower Upper

43 100

58 33.6 0.0 70.4



#36

Methylcyclohexane

Concen: 3.681 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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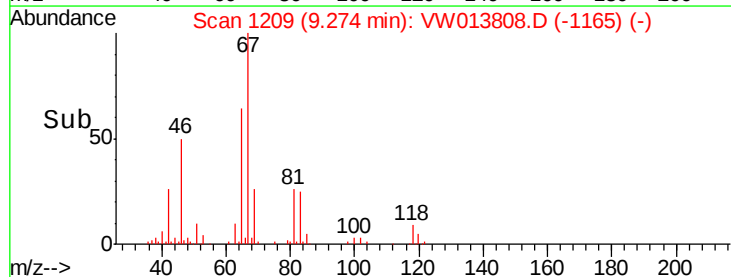
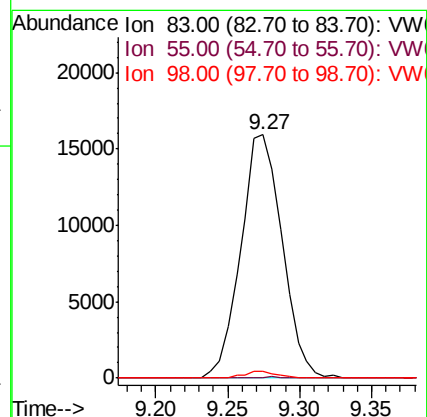
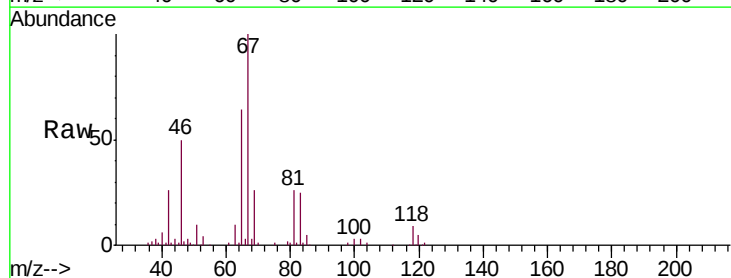
Tgt Ion: 83 Resp: 31762

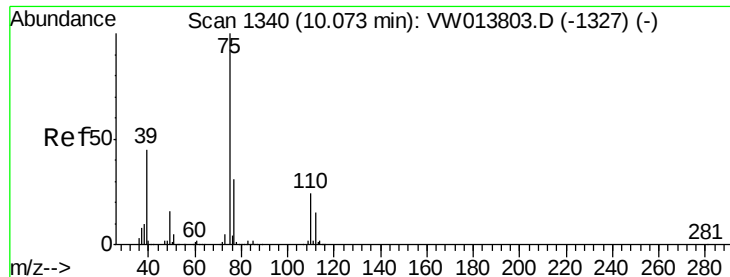
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

98 2.0 39.1 58.7#





#42

cis-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

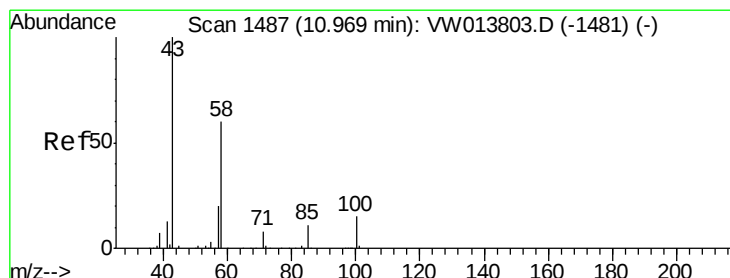
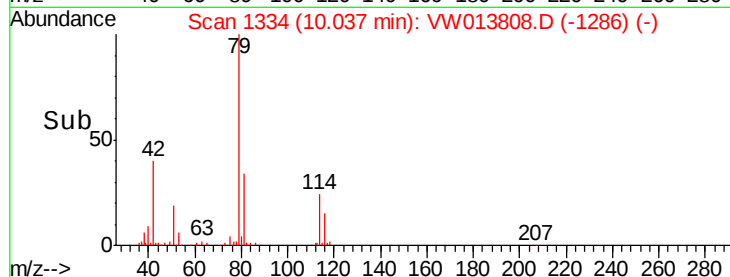
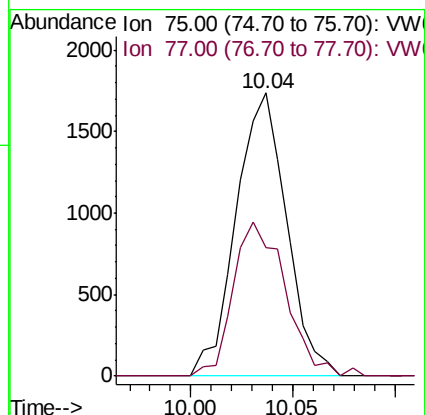
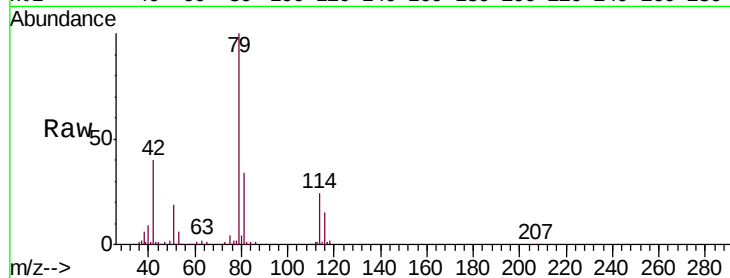
JLNA3

Tgt Ion: 75 Resp: 2987

Ion Ratio Lower Upper

75 100

77 45.2 22.5 41.9#



#49

2-Hexanone

Concen: 2.580 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 5826

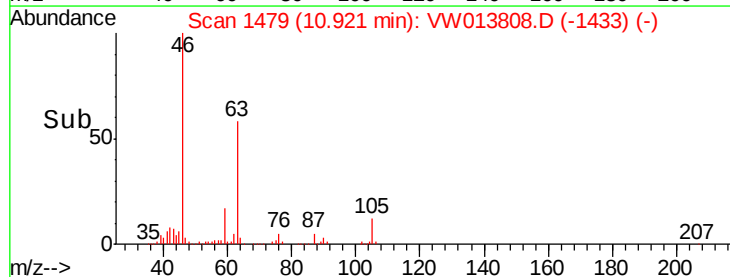
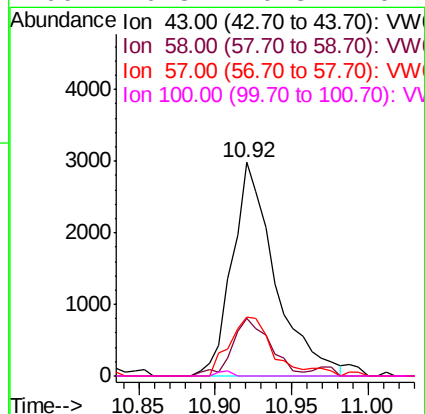
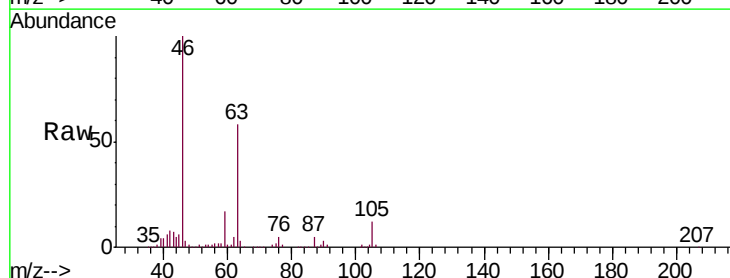
Ion Ratio Lower Upper

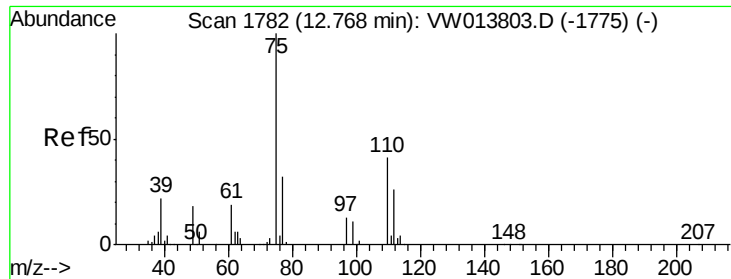
43 100

58 22.4 45.8 68.6#

57 26.6 15.4 23.2#

100 0.8 10.8 16.2#





#59

1,2,3-Trichloropropane

Concen: 4.337 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Instrument :

MSVOA_W

ClientSampleId :

JLNA3

Tgt Ion: 75 Resp: 13640

Ion Ratio Lower Upper

75 100

77 36.0 26.4 39.6

