

Data File : VW010973.D
Acq On : 25 Jun 2019 18:06
Operator : SY/VA
Sample : K3460-20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANZ2

Quant Time: Jun 26 04:40:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 04:33:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362040	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155737	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	91508	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.00%
7) Chloroethane-d5	2.89	69	67353	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
10) 1,1-Dichloroethene-d2	4.02	63	156103	14.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.28%
20) 2-Butanone-d5	7.07	46	87561	39.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.46%
24) Chloroform-d	7.65	84	204605	20.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.84%
26) 1,2-Dichloroethane-d4	8.31	65	130932	21.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.52%
29) Benzene-d6	8.27	84	422298	21.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.64%
33) 1,2-Dichloropropane-d6	9.27	67	143137	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.88%
37) Toluene-d8	10.32	98	373916	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.04%
38) trans-1,3-Dichloropropene-	10.58	79	53749	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.56%
39) 2-Hexanone-d5	10.93	63	59382	40.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110971	20.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	131176	22.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.24%

Target Compounds

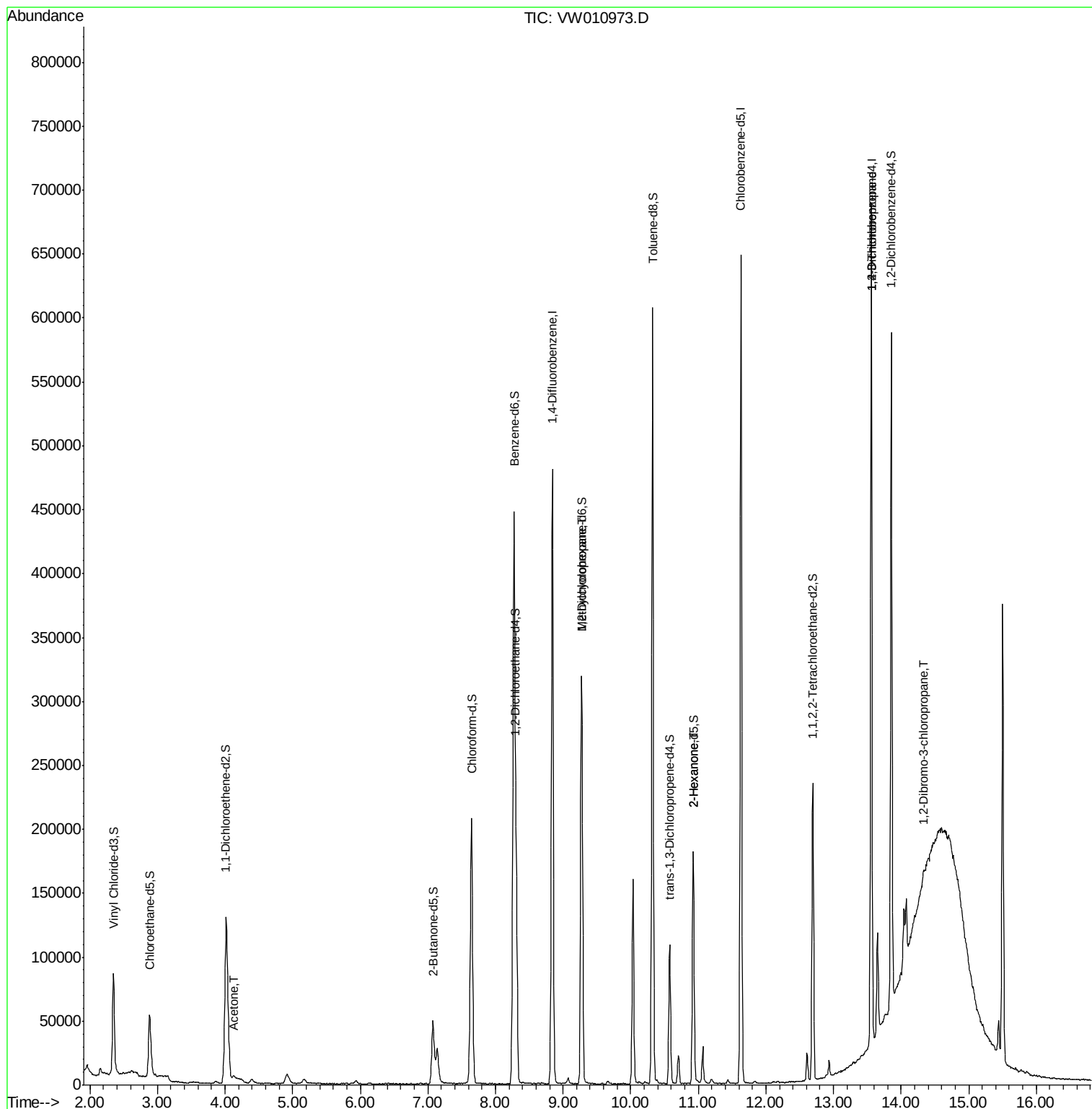
					Qvalue
13) Acetone	4.12	43	10144	4.807 ug/L	95
36) Methylcyclohexane	9.27	83	32729	3.258 ug/L #	14
49) 2-Hexanone	10.93	43	8055	2.054 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	21708	5.252 ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.33	75	1073	1.118 ug/L #	9

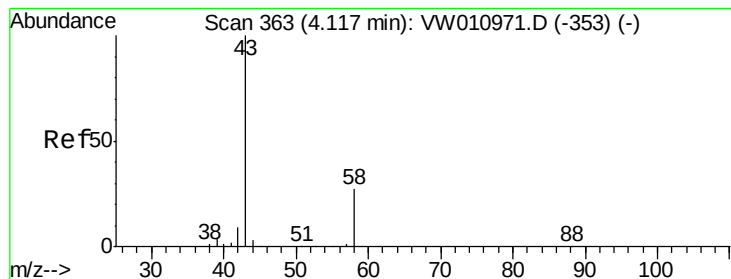
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.807 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

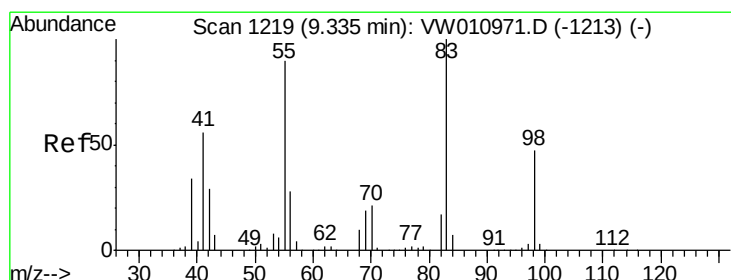
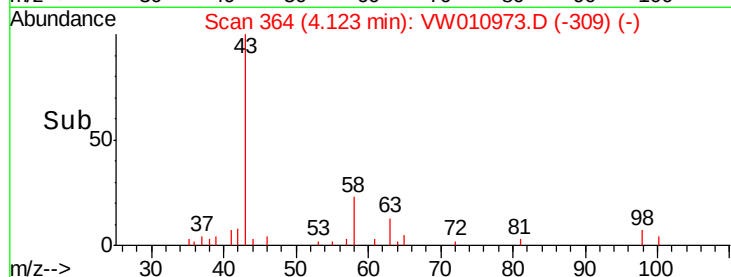
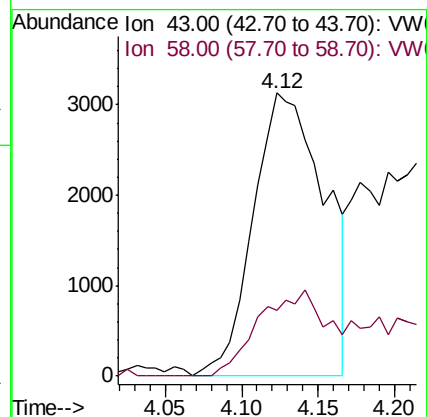
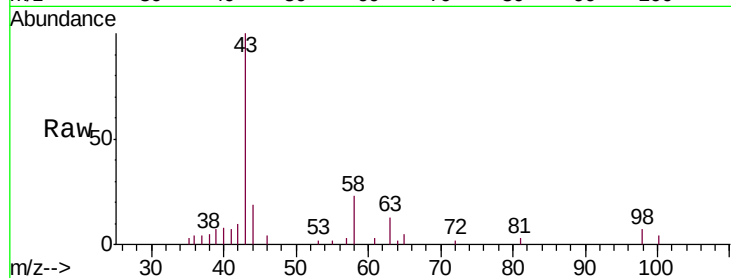
YANZ2

Tgt Ion: 43 Resp: 10144

Ion Ratio Lower Upper

43 100

58 29.0 0.0 53.2



#36

Methylcyclohexane

Concen: 3.258 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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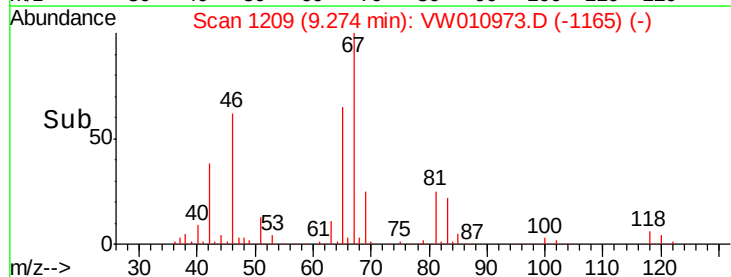
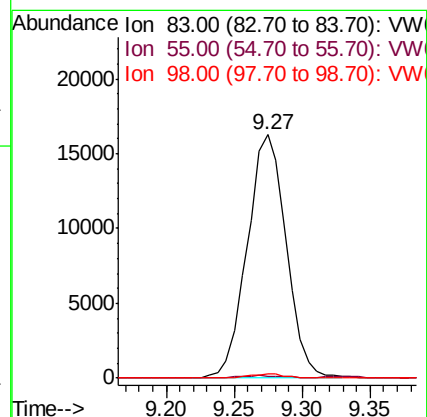
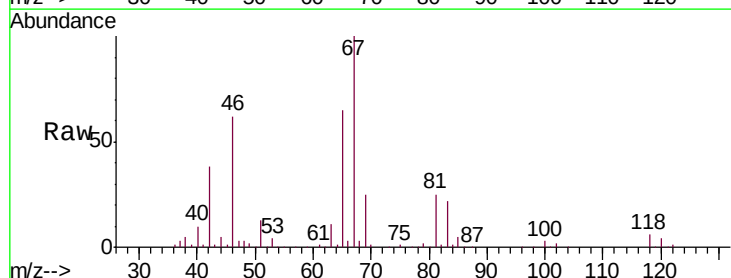
Tgt Ion: 83 Resp: 32729

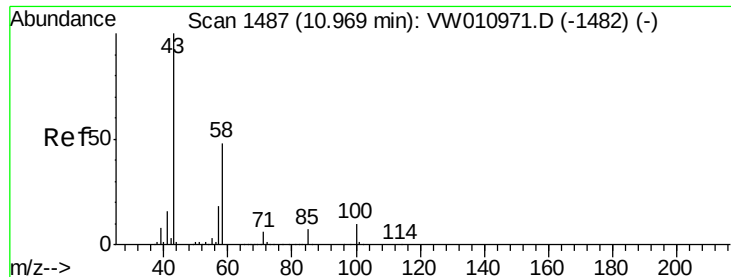
Ion Ratio Lower Upper

83 100

55 0.3 72.2 108.2#

98 0.9 37.8 56.8#





#49

2-Hexanone

Concen: 2.054 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010973.D

Acq: 25 Jun 2019 18:06

Instrument :

MSVOA_W

ClientSampleId :

YANZ2

Tgt Ion: 43 Resp: 8055

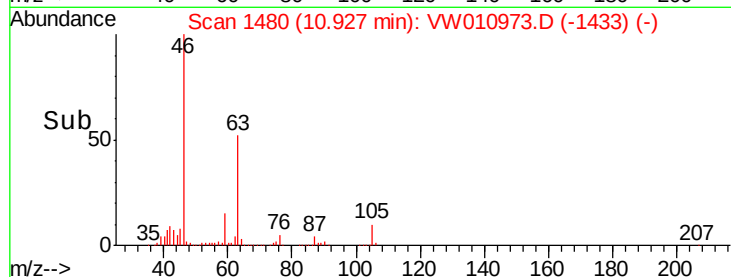
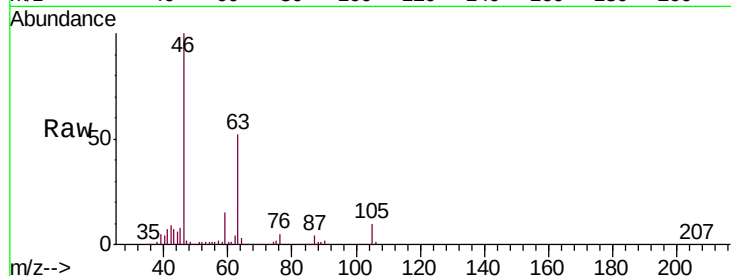
Ion Ratio Lower Upper

43 100

58 22.0 38.3 57.5#

57 24.7 13.8 20.8#

100 0.0 7.3 10.9#

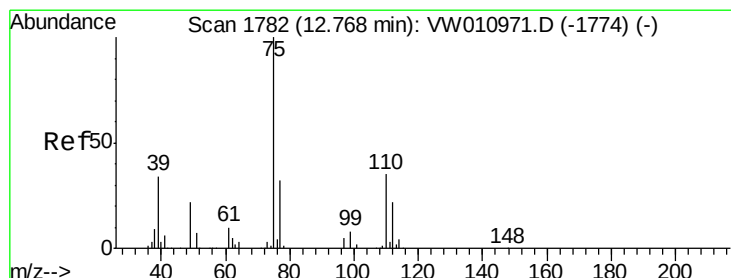
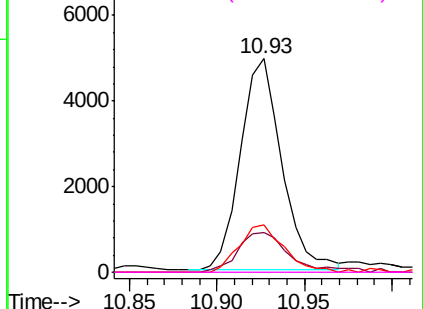


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#59

1,2,3-Trichloropropane

Concen: 5.252 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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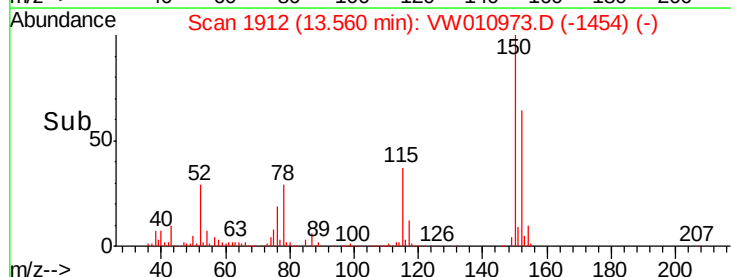
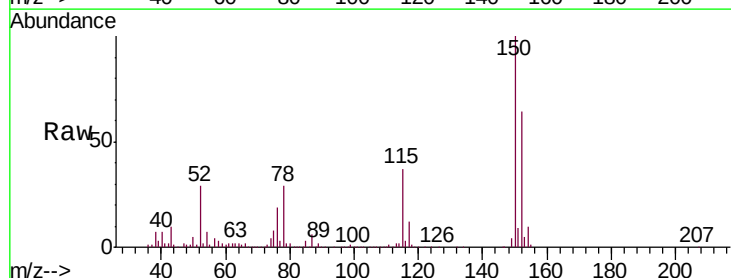
Acq: 25 Jun 2019 18:06

Tgt Ion: 75 Resp: 21708

Ion Ratio Lower Upper

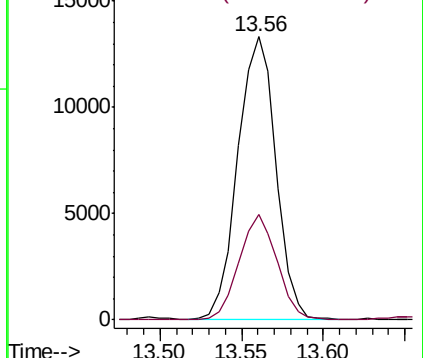
75 100

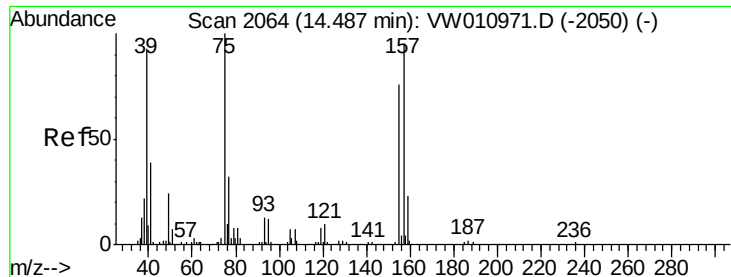
77 36.7 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#66

1,2-Dibromo-3-chloropropane

Concen: 1.118 ug/L

RT: 14.33 min Scan# 2039

Delta R.T. -0.15 min

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Acq: 25 Jun 2019 18:06

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 75 Resp: 1073

Ion Ratio Lower Upper

75 100

157 0.0 71.8 107.8#

155 0.0 55.2 82.8#

