

Data File : VW014691.D
Acq On : 20 Jan 2020 13:26
Operator : SY/VA
Sample : L1118-19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASN4

Quant Time: Jan 21 03:42:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 21 03:38:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1308216	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1164941	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	526003	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	379621	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.32%
7) Chloroethane-d5	2.89	69	305385	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
10) 1,1-Dichloroethene-d2	4.02	63	555152	16.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.84%
20) 2-Butanone-d5	7.07	46	200383	45.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.32%
24) Chloroform-d	7.65	84	704666	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.31	65	372493	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.40%
29) Benzene-d6	8.27	84	1484113	23.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.84%
33) 1,2-Dichloropropane-d6	9.27	67	459974	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.76%
37) Toluene-d8	10.32	98	1346239	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.88%
38) trans-1,3-Dichloropropene-	10.57	79	175506	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.24%
39) 2-Hexanone-d5	10.92	63	154851	48.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	342525	24.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	431193	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

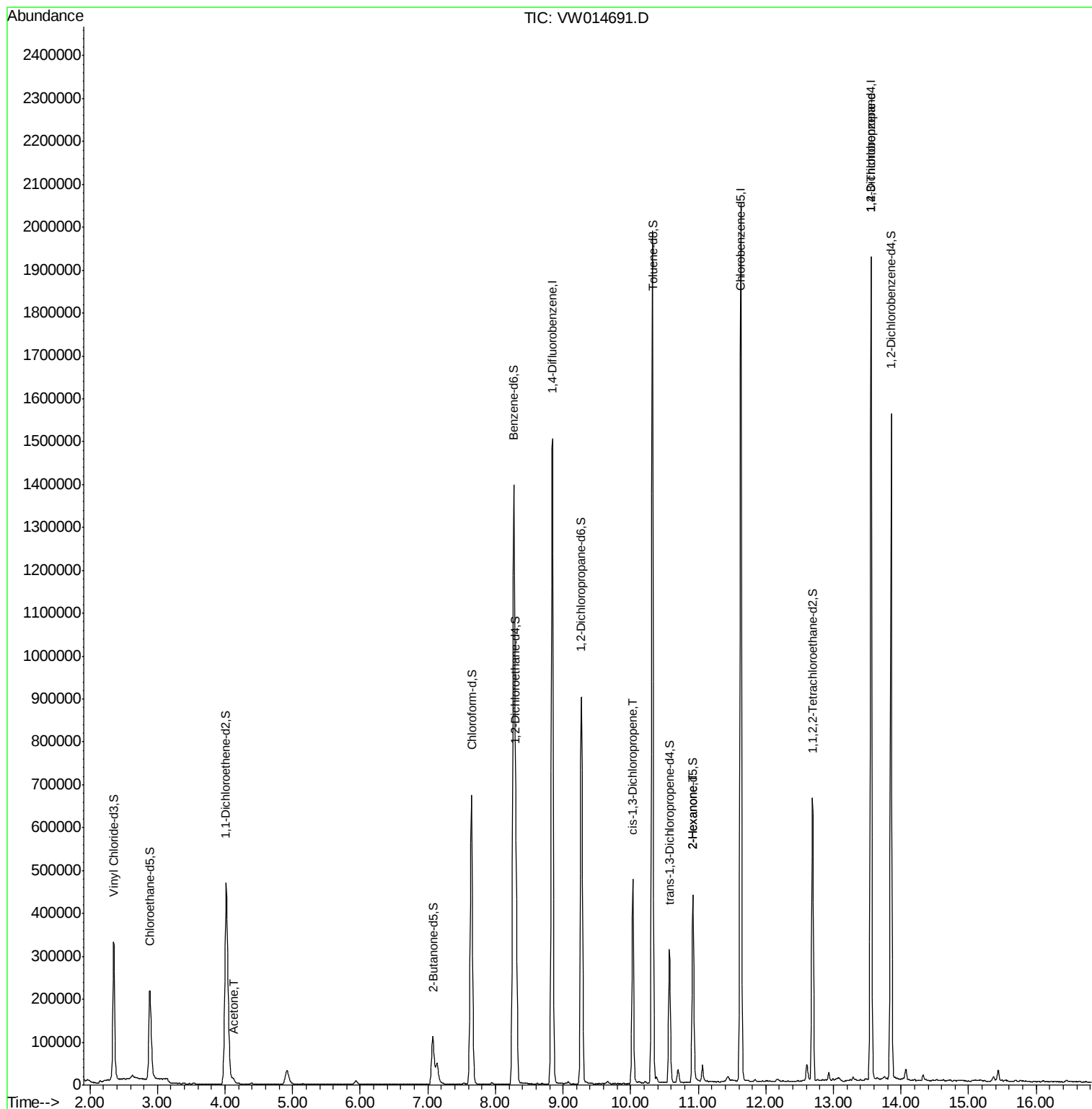
Target Compounds					Qvalue
13) Acetone	4.12	43	18230	3.000 ug/L	78
42) cis-1,3-Dichloropropene	10.04	75	10600	0.400 ug/L #	66
49) 2-Hexanone	10.92	43	17689	2.274 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	60899	5.327 ug/L	94

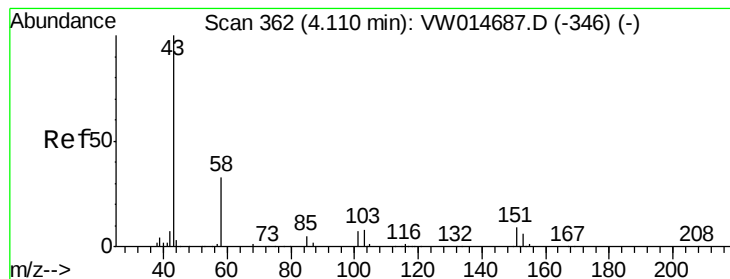
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.000 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

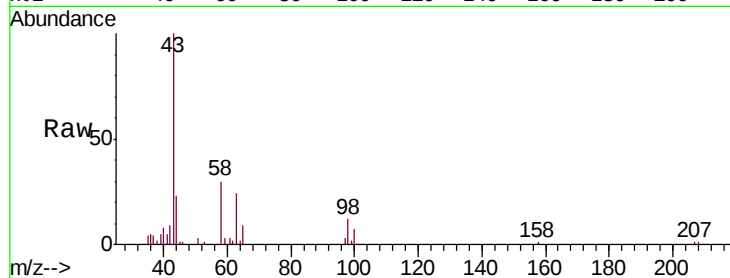
GASN4

Tgt Ion: 43 Resp: 18230

Ion Ratio Lower Upper

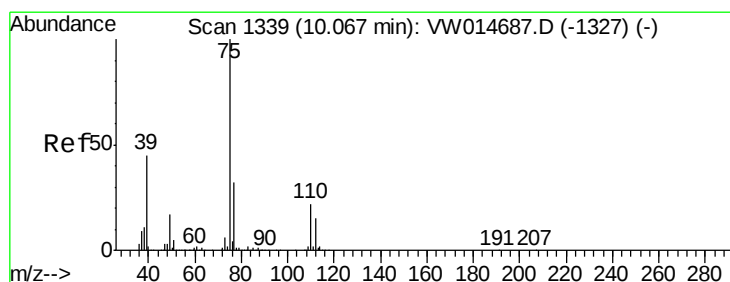
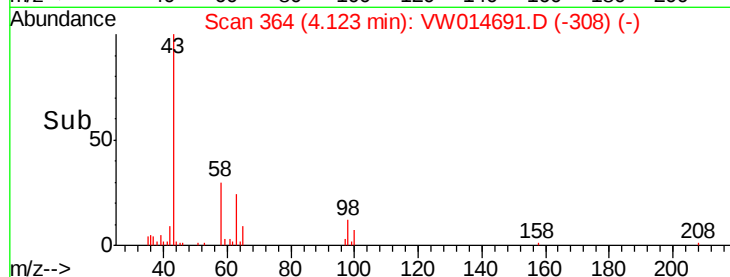
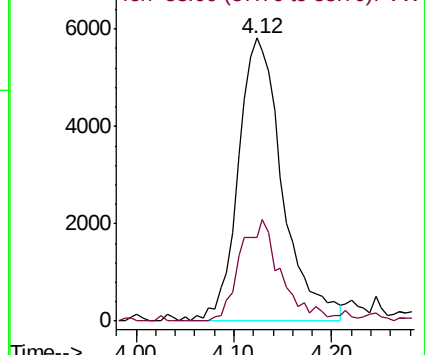
43 100

58 19.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.400 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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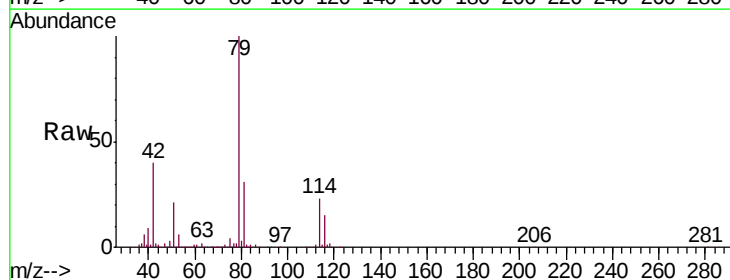
Acq: 20 Jan 2020 13:26

Tgt Ion: 75 Resp: 10600

Ion Ratio Lower Upper

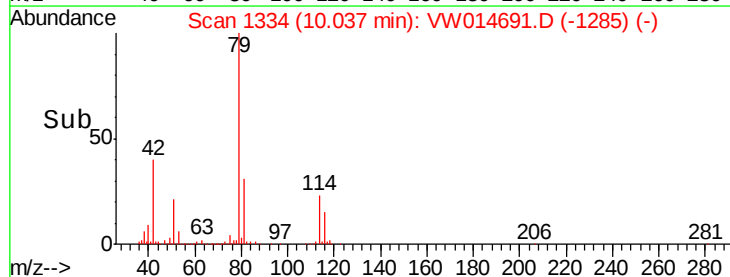
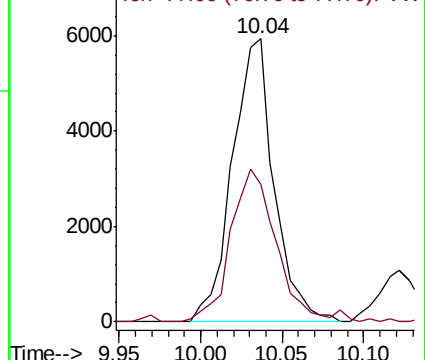
75 100

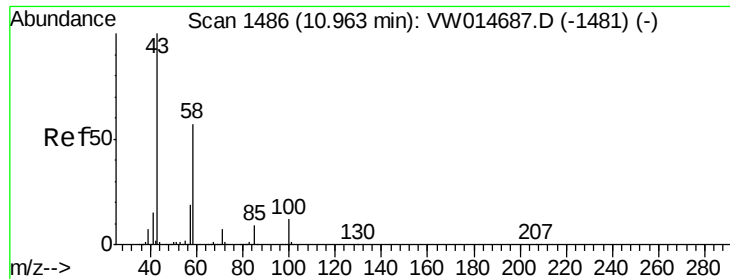
77 48.6 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.274 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

GASN4

Tgt Ion: 43 Resp: 17689

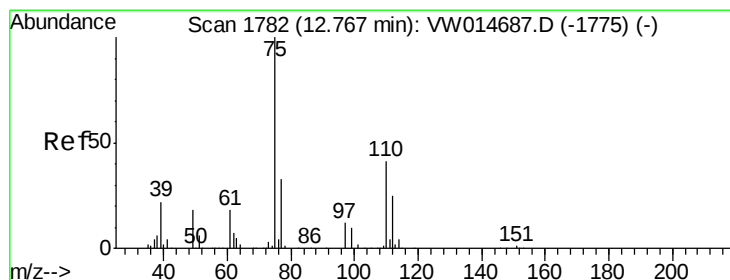
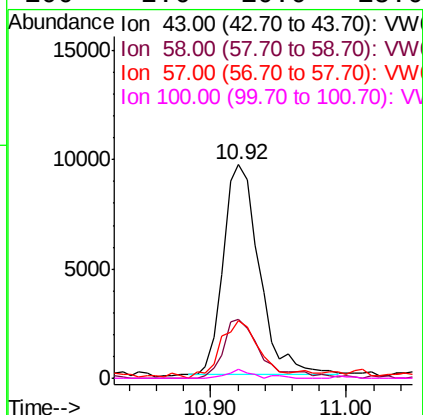
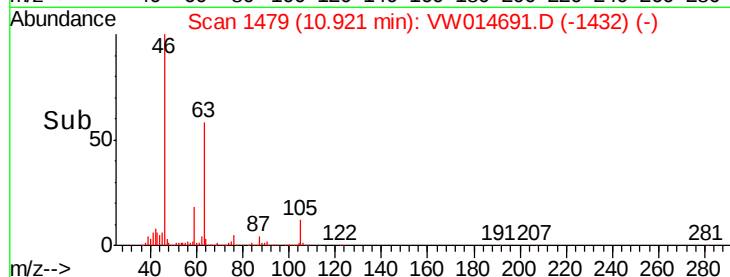
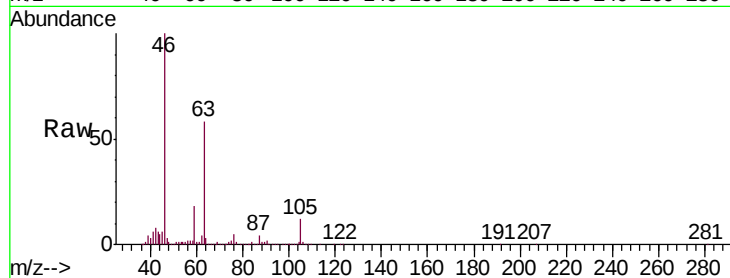
Ion Ratio Lower Upper

43 100

58 26.2 44.9 67.3#

57 29.0 15.3 22.9#

100 2.6 10.0 15.0#



#59

1,2,3-Trichloropropane

Concen: 5.327 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014691.D

Acq: 20 Jan 2020 13:26

Tgt Ion: 75 Resp: 60899

Ion Ratio Lower Upper

75 100

77 36.2 26.2 39.2

