

Data File : VW014842.D
Acq On : 03 Feb 2020 18:42
Operator : SY/VA
Sample : L1323-17
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT55

Quant Time: Feb 04 06:57:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1196176	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1097408	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	491198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	362775	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
7) Chloroethane-d5	2.89	69	341907	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
10) 1,1-Dichloroethene-d2	4.02	63	582587	14.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.56%
20) 2-Butanone-d5	7.07	46	281797	40.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.04%
24) Chloroform-d	7.65	84	819589	21.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	8.47	65	177	0.01	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1705377	22.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.20%
33) 1,2-Dichloropropane-d6	9.27	67	572051	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.24%
37) Toluene-d8	10.32	98	1492124	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.57	79	206703	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.36%
39) 2-Hexanone-d5	10.92	63	222111	44.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	430476	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	482908	23.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.88%

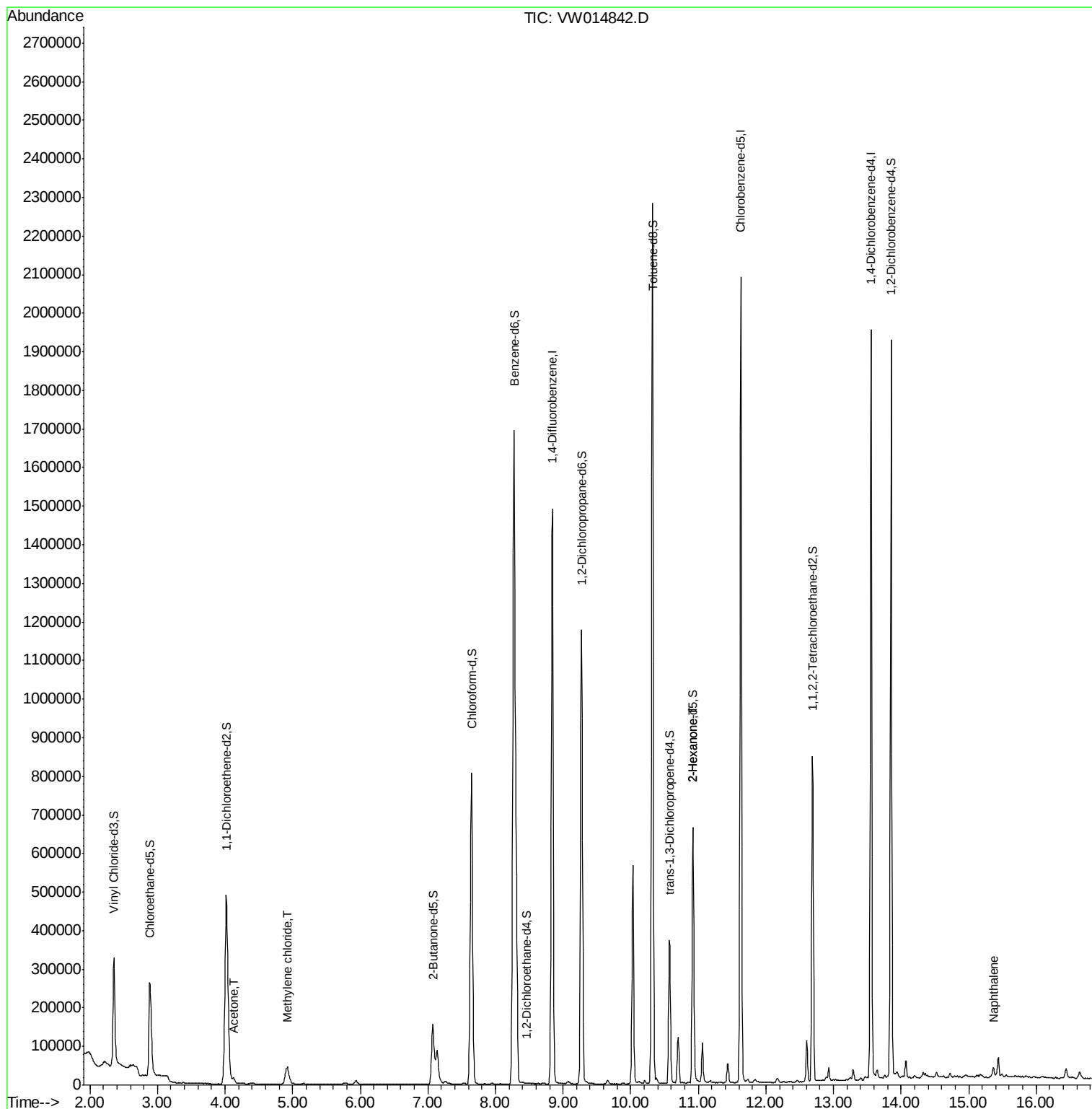
Target Compounds					Qvalue
13) Acetone	4.12	43	21695	2.849 ug/L	96
16) Methylene chloride	4.92	84	39823	1.803 ug/L	96
49) 2-Hexanone	10.92	43	26622	2.535 ug/L #	67
69) Naphthalene	15.36	128	21917	0.592 ug/L	99

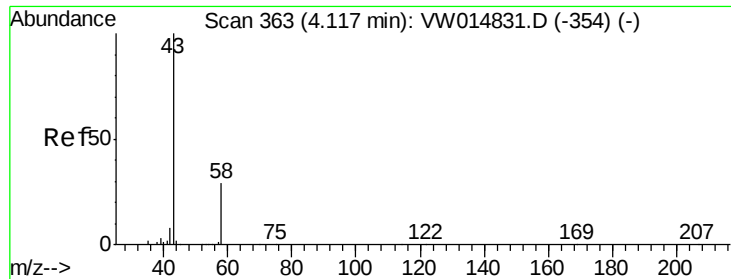
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.849 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

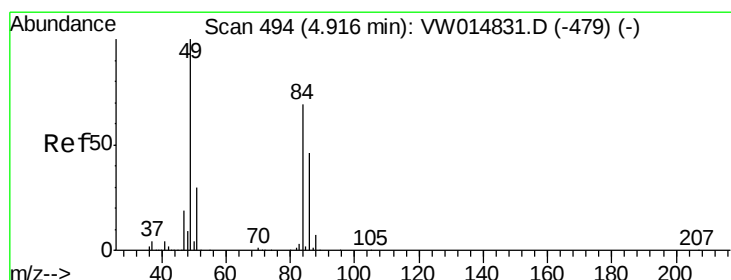
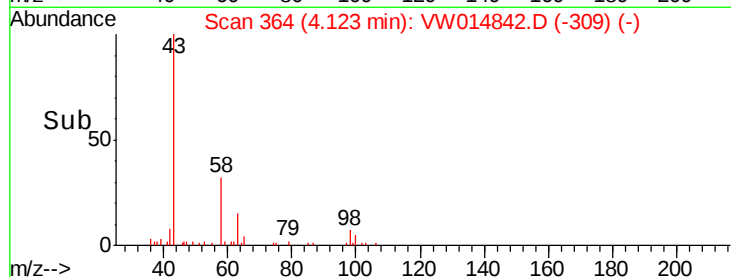
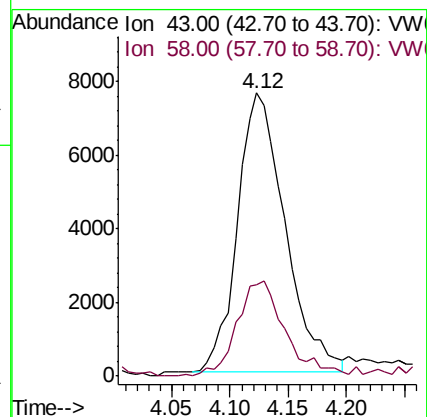
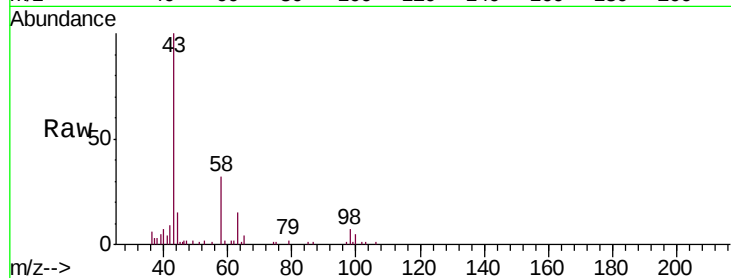
GAT55

Tgt Ion: 43 Resp: 21695

Ion Ratio Lower Upper

43 100

58 32.0 0.0 60.2



#16

Methylene chloride

Concen: 1.803 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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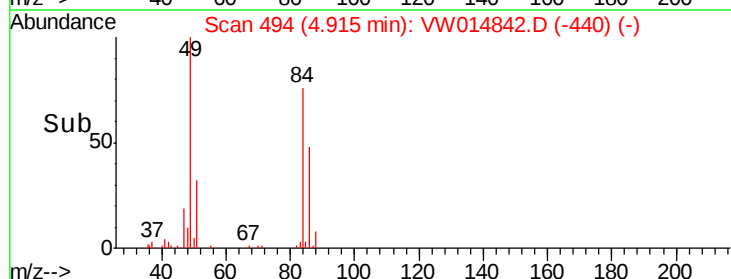
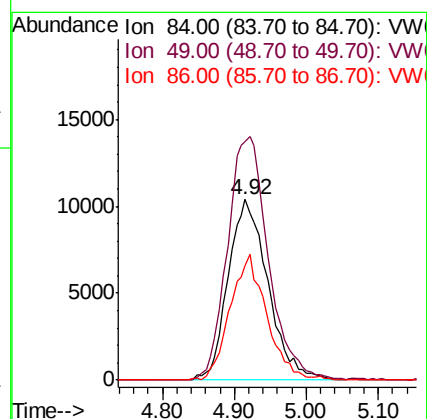
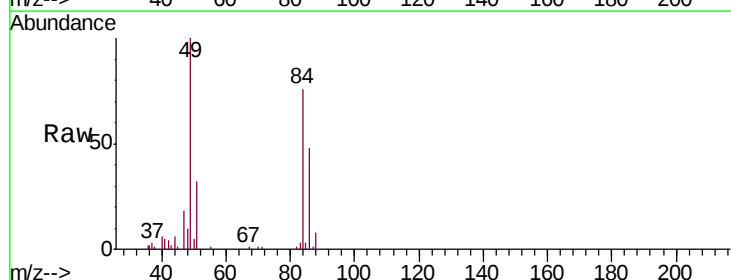
Tgt Ion: 84 Resp: 39823

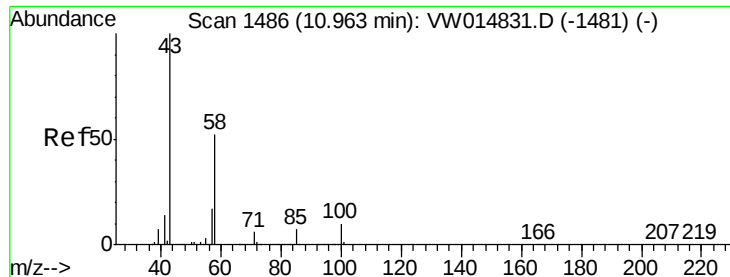
Ion Ratio Lower Upper

84 100

49 131.9 96.6 179.4

86 63.1 43.8 81.4





#49

2-Hexanone

Concen: 2.535 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014842.D

Acq: 03 Feb 2020 18:42

Instrument :

MSVOA_W

ClientSampleId :

GAT55

Tgt Ion: 43 Resp: 26622

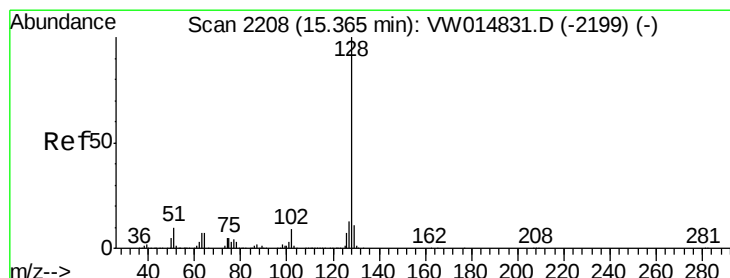
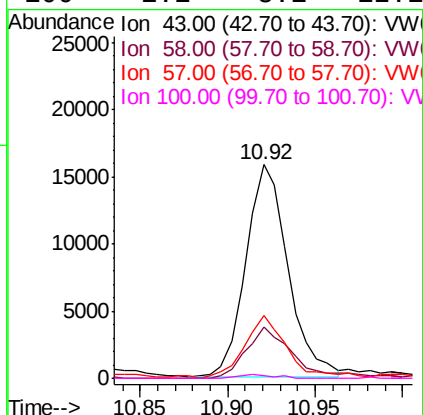
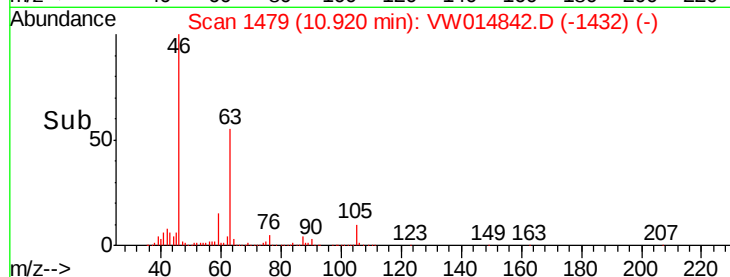
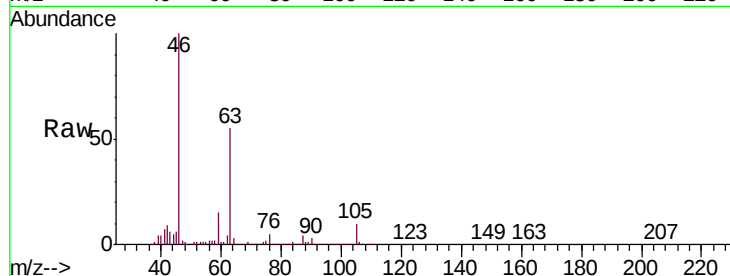
Ion Ratio Lower Upper

43 100

58 25.5 41.1 61.7#

57 28.6 14.1 21.1#

100 1.1 8.1 12.1#



#69

Naphthalene

Concen: 0.592 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014842.D

Acq: 03 Feb 2020 18:42

Tgt Ion: 128 Resp: 21917

Ion Ratio Lower Upper

128 100

129 11.7 8.7 13.1

127 13.4 10.6 15.8

