

Data File : VW014837.D
Acq On : 03 Feb 2020 16:30
Operator : SY/VA
Sample : L1323-06
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT46

Quant Time: Feb 04 06:56:44 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	996901	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	926766	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	382068	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	305476	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.24%
7) Chloroethane-d5	2.89	69	301762	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	4.02	63	484518	14.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.44%
20) 2-Butanone-d5	7.07	46	223356	38.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.12%
24) Chloroform-d	7.65	84	694767	21.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	8.30	65	402657	22.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.28%
29) Benzene-d6	8.27	84	1401866	21.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.84%
33) 1,2-Dichloropropane-d6	9.27	67	476217	22.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.96%
37) Toluene-d8	10.32	98	1215435	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.24%
38) trans-1,3-Dichloropropene-	10.57	79	170044	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.24%
39) 2-Hexanone-d5	10.92	63	165085	39.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	349986	20.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	374015	23.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.48%

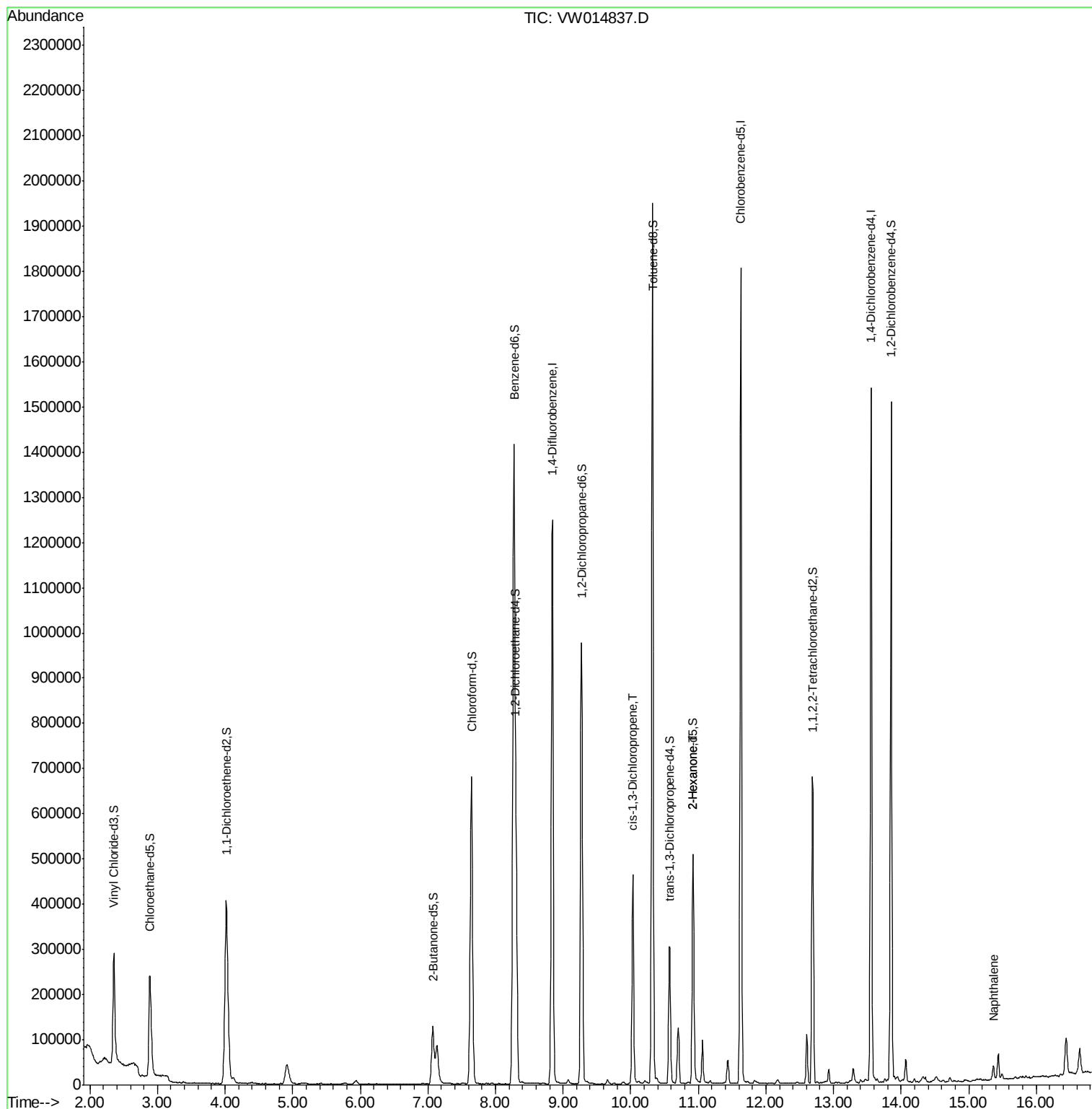
Target Compounds					Qvalue
42) cis-1,3-Dichloropropene	10.03	75	11088	0.455 ug/L #	81
49) 2-Hexanone	10.92	43	23347	2.633 ug/L #	67
69) Naphthalene	15.36	128	26914	0.935 ug/L	98

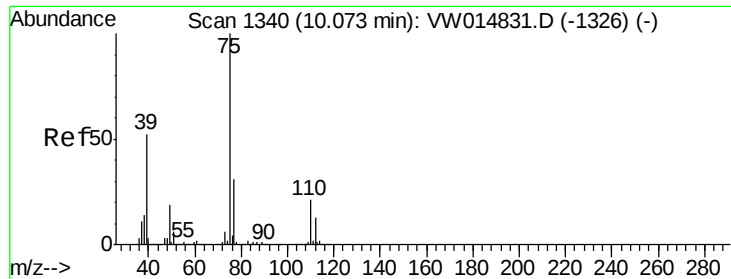
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

cis-1,3-Dichloropropene

Concen: 0.455 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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MSVOA_W

ClientSampleId :

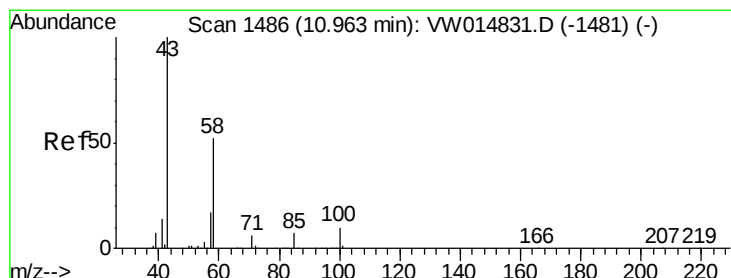
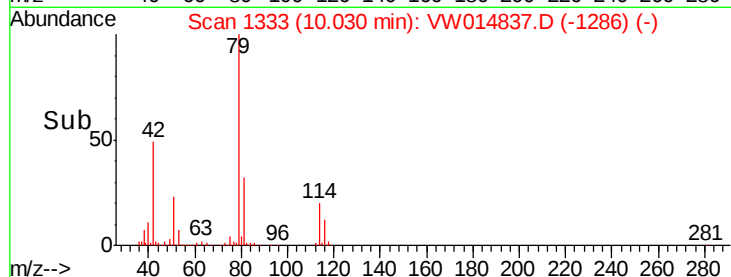
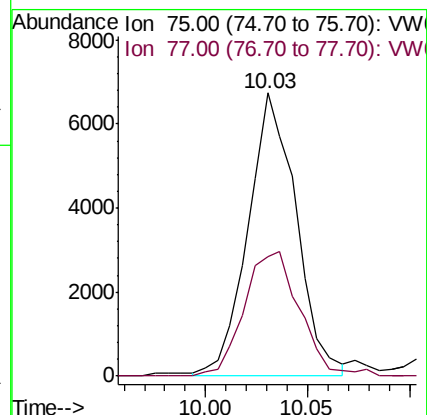
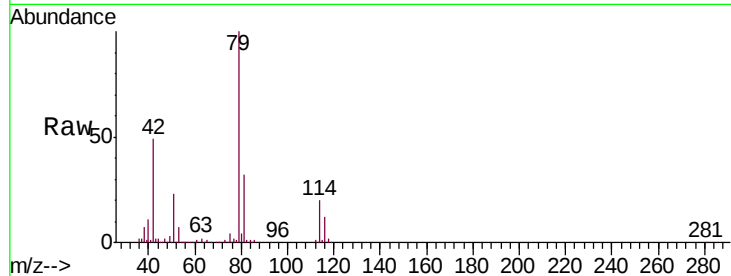
GAT46

Tgt Ion: 75 Resp: 11088

Ion Ratio Lower Upper

75 100

77 42.2 22.1 41.1#



#49

2-Hexanone

Concen: 2.633 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Acq: 03 Feb 2020 16:30

Tgt Ion: 43 Resp: 23347

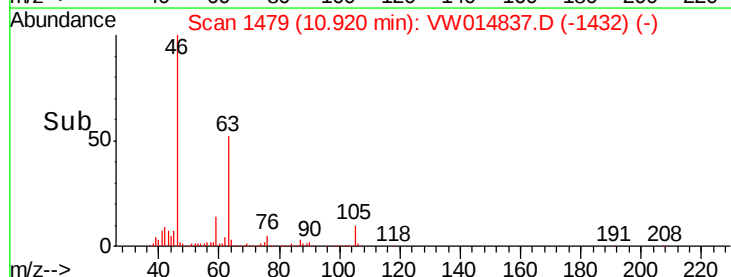
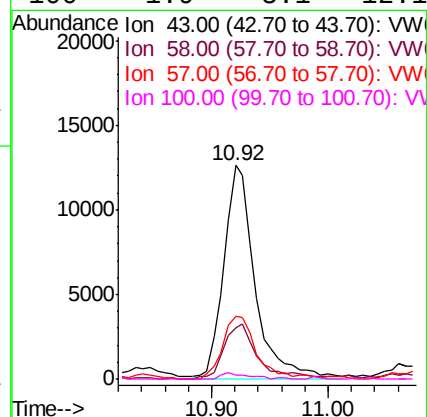
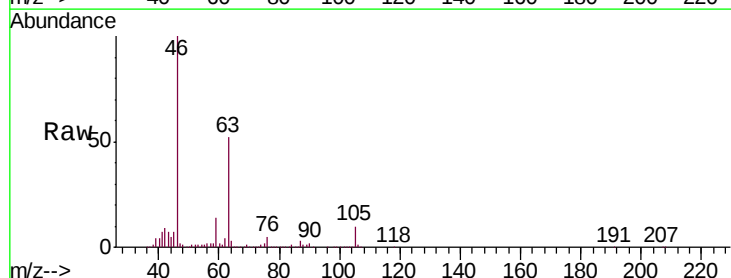
Ion Ratio Lower Upper

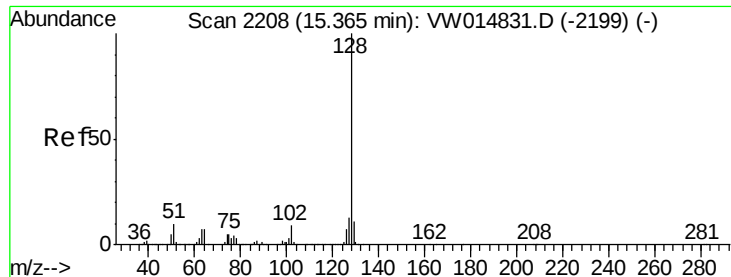
43 100

58 25.9 41.1 61.7#

57 30.5 14.1 21.1#

100 1.9 8.1 12.1#





#69

Naphthalene

Concen: 0.935 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

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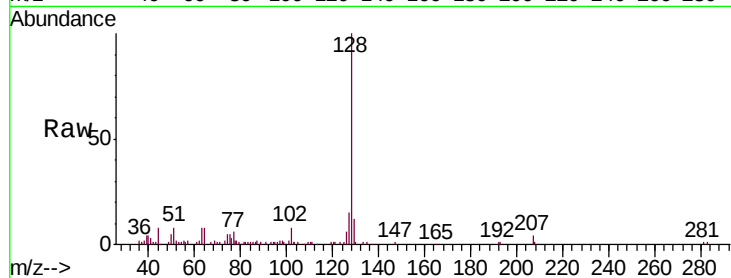
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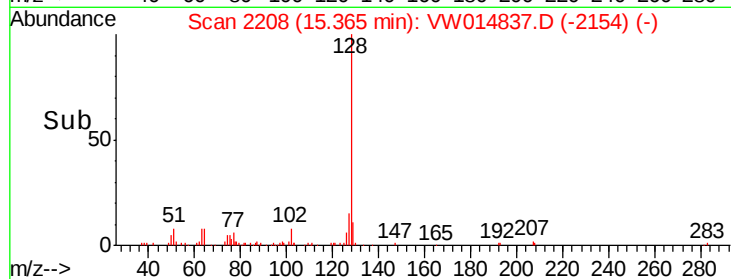
Tgt Ion:128 Resp: 26914

Ion Ratio Lower Upper

128 100

129 10.5 8.7 13.1

127 13.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

20000 Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

