

Data File : VW014861.D
Acq On : 04 Feb 2020 15:20
Operator : SY/VA
Sample : L1323-14
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT52

Quant Time: Feb 05 03:45:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1247111	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1123429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	484594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	366803	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.12%
7) Chloroethane-d5	2.89	69	338522	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.52%
10) 1,1-Dichloroethene-d2	4.02	63	576680	13.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.60%
20) 2-Butanone-d5	7.07	46	237416	32.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.68%
24) Chloroform-d	7.65	84	774740	19.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.04%
26) 1,2-Dichloroethane-d4	8.49	65	142	0.01	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1627845	20.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.24%
33) 1,2-Dichloropropane-d6	9.27	67	528922	20.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.52%
37) Toluene-d8	10.32	98	1422291	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.32%
38) trans-1,3-Dichloropropene-	10.57	79	182542	17.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.08%
39) 2-Hexanone-d5	10.92	63	181322	35.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	366925	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	445255	21.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.72%

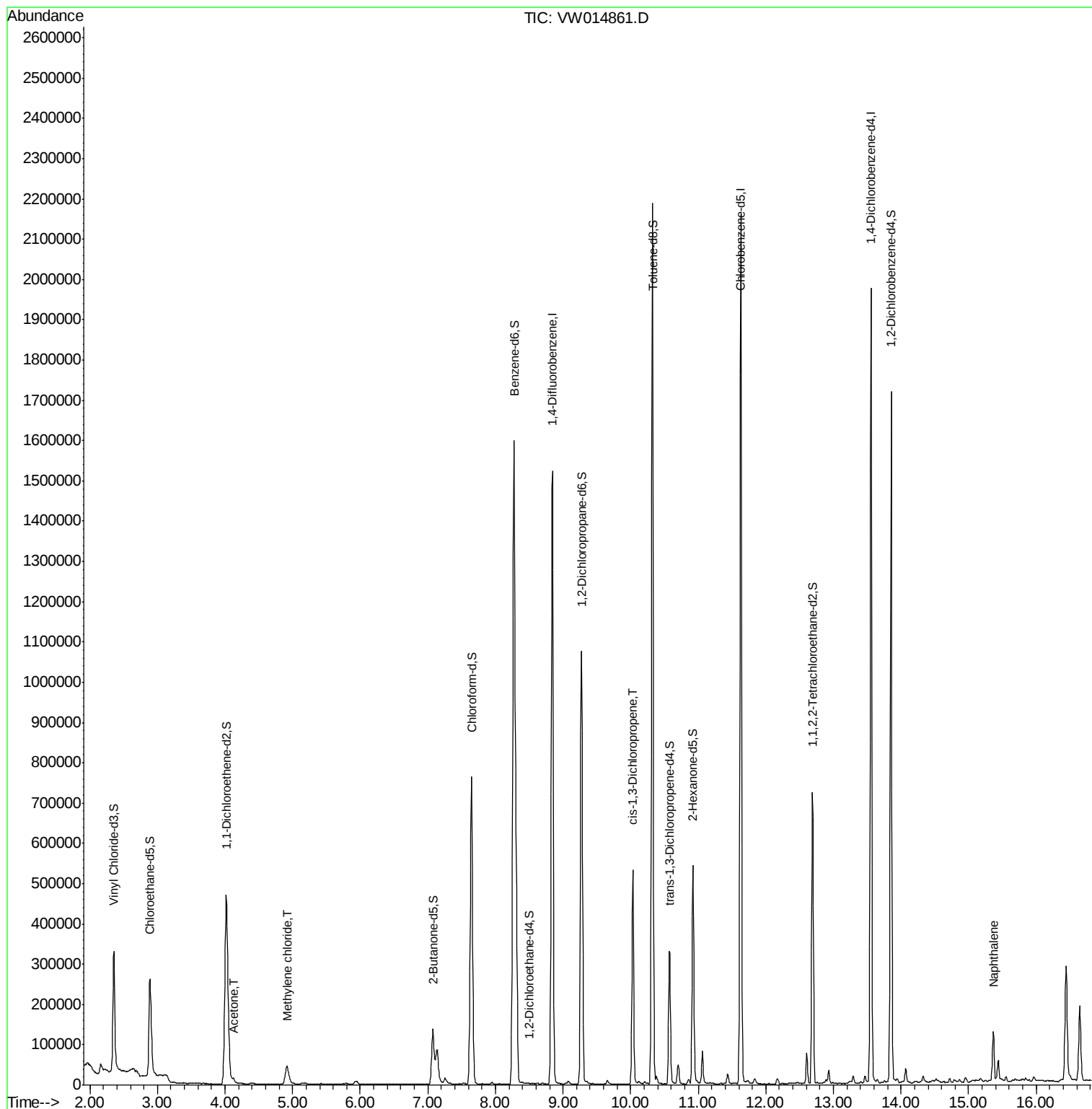
Target Compounds					Qvalue
13) Acetone	4.13	43	20127	2.535 ug/L	93
16) Methylene chloride	4.92	84	37686	1.637 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	11763	0.398 ug/L #	54
69) Naphthalene	15.36	128	104423	2.861 ug/L	99

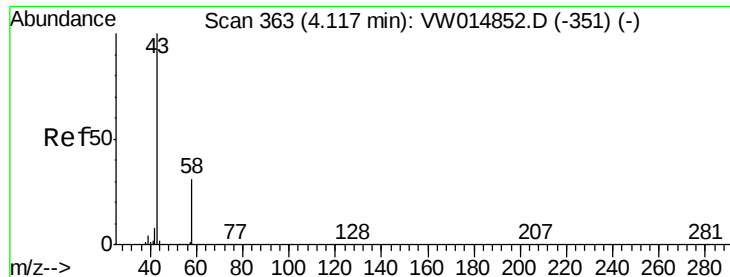
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.535 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

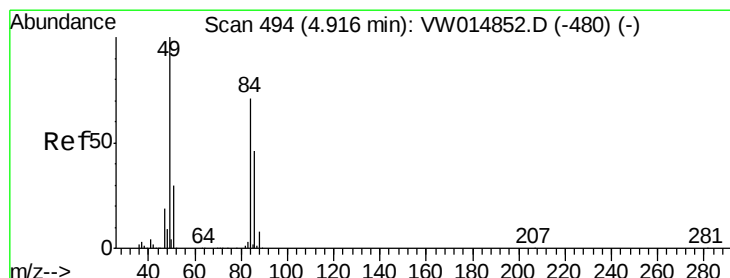
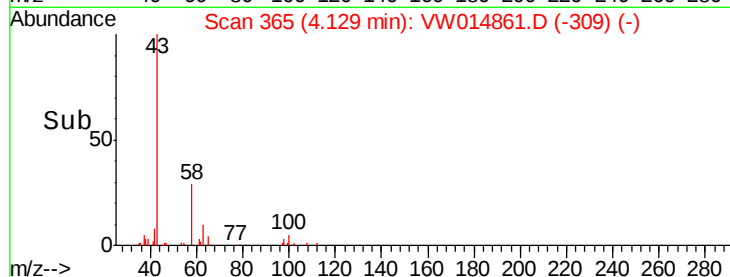
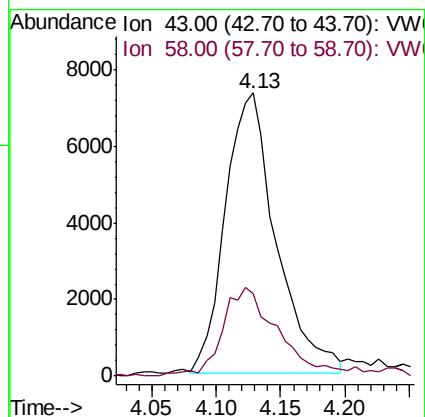
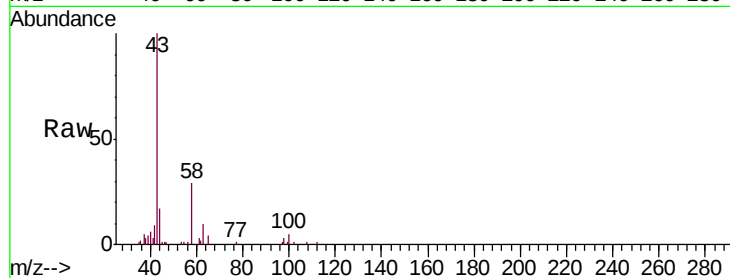
GAT52

Tgt Ion: 43 Resp: 20127

Ion Ratio Lower Upper

43 100

58 33.7 0.0 60.2



#16

Methylene chloride

Concen: 1.637 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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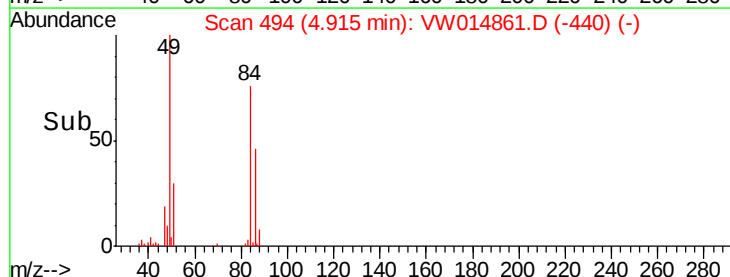
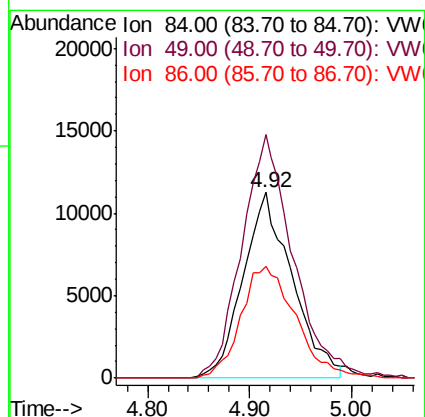
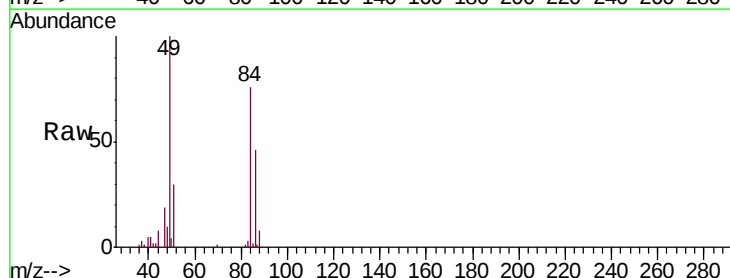
Tgt Ion: 84 Resp: 37686

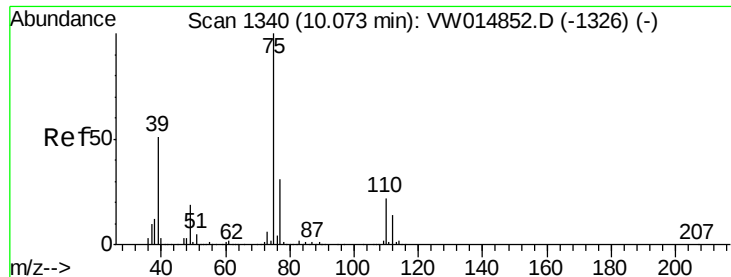
Ion Ratio Lower Upper

84 100

49 131.2 96.6 179.4

86 60.3 43.8 81.4





#42

cis-1,3-Dichloroprene

Concen: 0.398 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

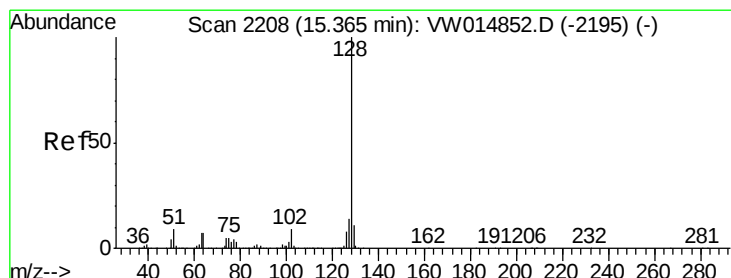
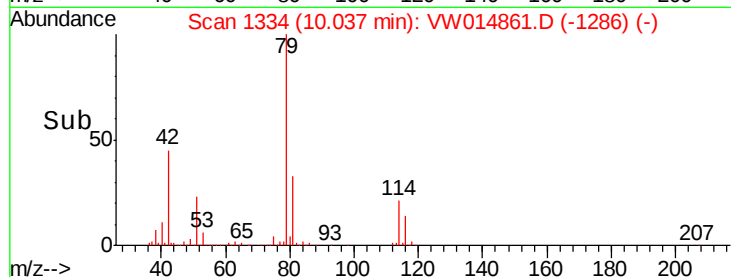
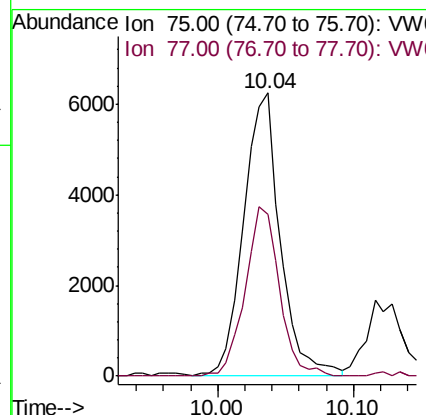
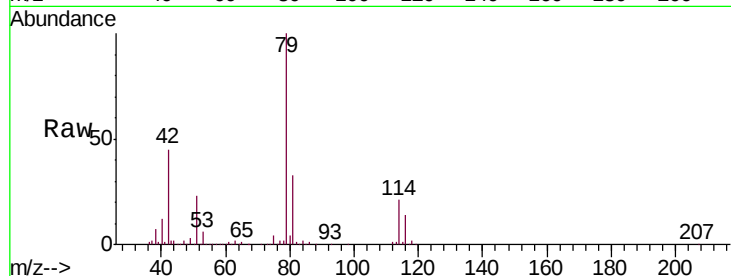
GAT52

Tgt Ion: 75 Resp: 11763

Ion Ratio Lower Upper

75 100

77 57.1 22.1 41.1#



#69

Naphthalene

Concen: 2.861 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

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Acq: 04 Feb 2020 15:20

Tgt Ion: 128 Resp: 104423

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.9 10.6 15.8

