

Data File : VW014858.D
Acq On : 04 Feb 2020 13:35
Operator : SY/VA
Sample : L1323-16
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT54

Quant Time: Feb 05 03:44:40 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	693383	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	621859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	231552	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	196443	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
7) Chloroethane-d5	2.89	69	194238	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.84%
10) 1,1-Dichloroethene-d2	4.01	63	320594	13.90	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.60%
20) 2-Butanone-d5	7.07	46	120120	29.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.86%
24) Chloroform-d	7.65	84	455016	20.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.44%
26) 1,2-Dichloroethane-d4	8.31	65	246444	19.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.44%
29) Benzene-d6	8.27	84	929694	21.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.84%
33) 1,2-Dichloropropane-d6	9.27	67	313108	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.16%
37) Toluene-d8	10.32	98	769848	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.48%
38) trans-1,3-Dichloropropene-	10.58	79	99984	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.32%
39) 2-Hexanone-d5	10.92	63	86537	30.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	191243	17.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	201214	20.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.96%

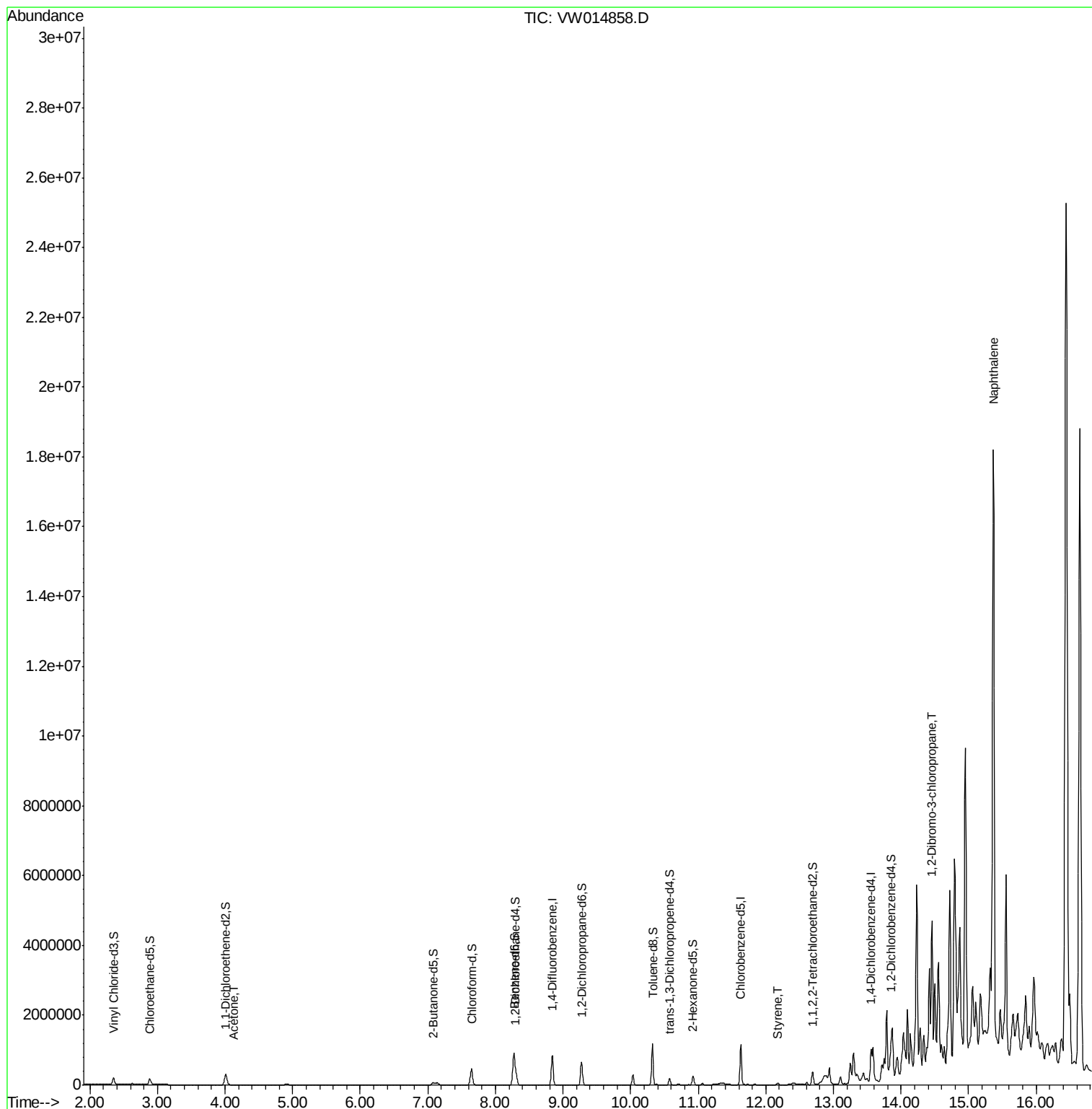
Target Compounds					Qvalue
13) Acetone	4.12	43	15873	3.596	ug/L 100
56) Styrene	12.18	104	19154	0.699	ug/L 91
66) 1,2-Dibromo-3-chloropropan	14.46	75	59928	43.424	ug/L # 10
69) Naphthalene	15.36	128	13615502	780.575	ug/L 97

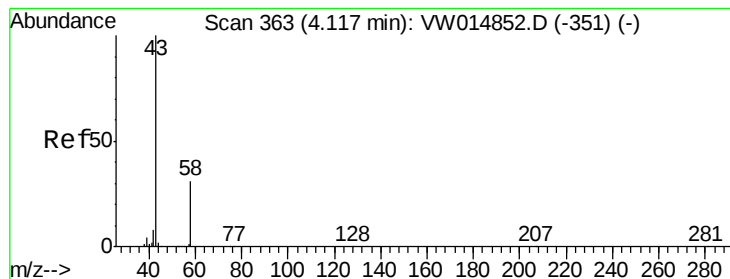
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.596 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

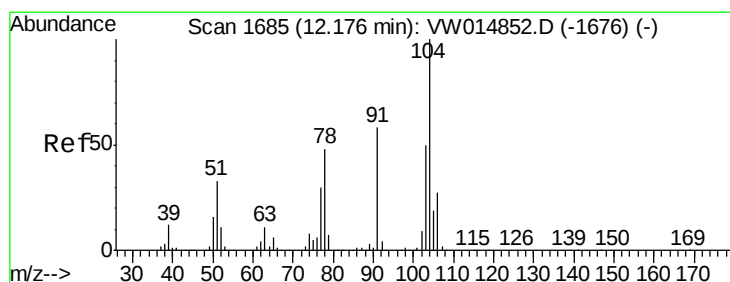
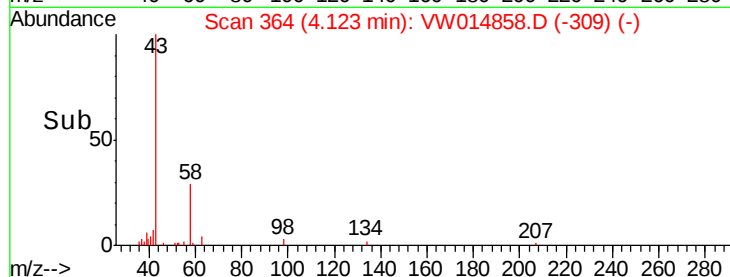
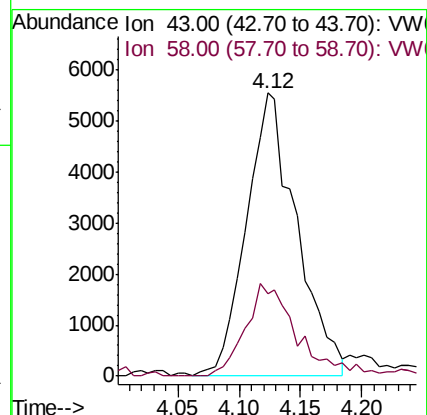
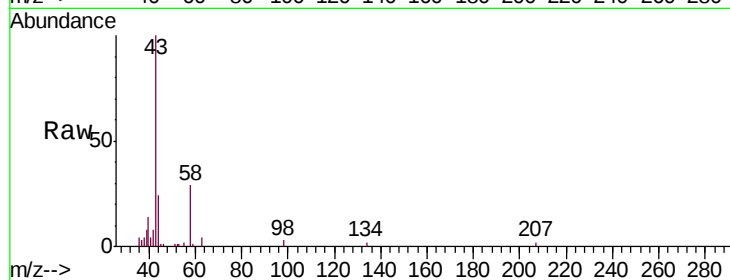
GAT54

Tgt Ion: 43 Resp: 15873

Ion Ratio Lower Upper

43 100

58 30.3 0.0 60.2



#56

Styrene

Concen: 0.699 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.01 min

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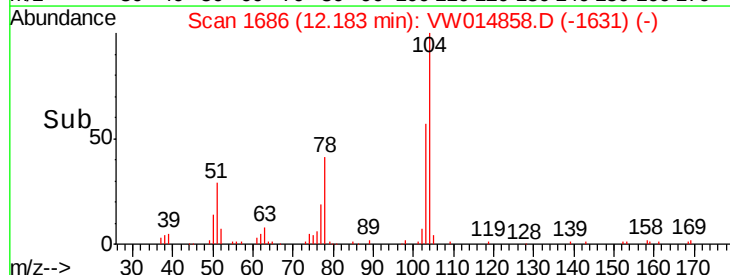
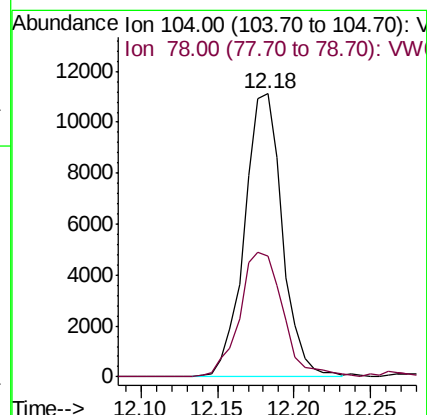
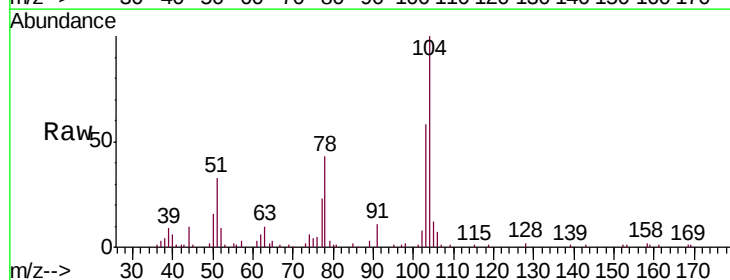
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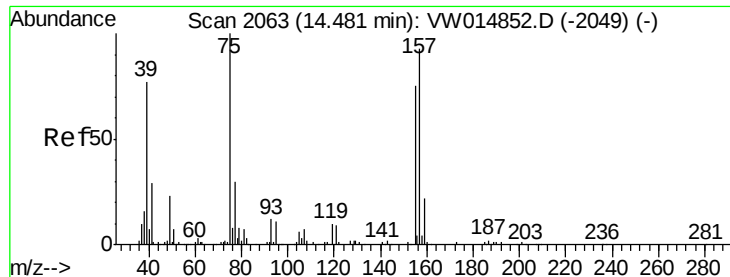
Tgt Ion: 104 Resp: 19154

Ion Ratio Lower Upper

104 100

78 42.7 34.3 63.7

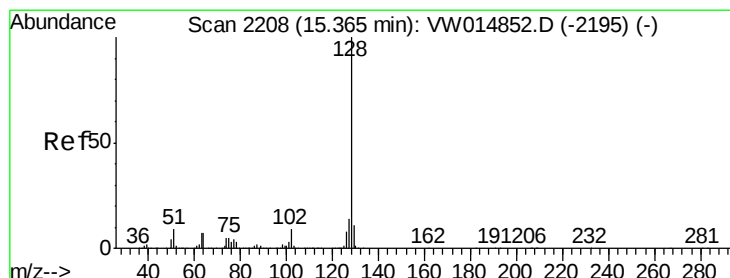
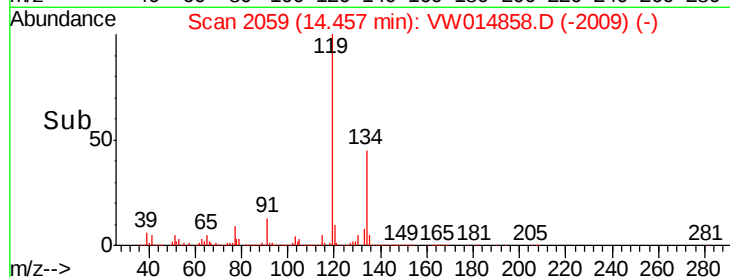
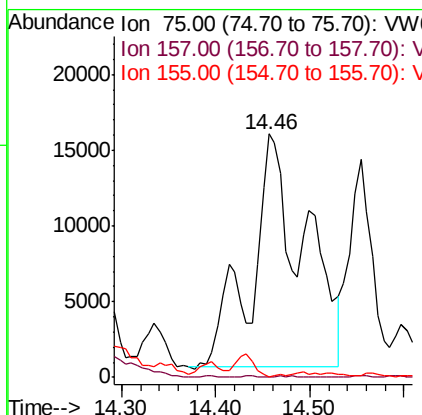
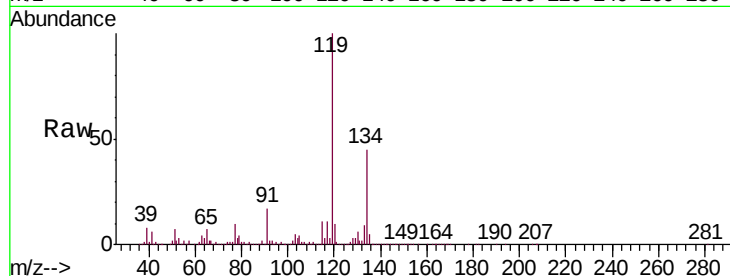




#66
 1,2-Dibromo-3-chloropropane
 Concen: 43.424 ug/L
 RT: 14.46 min Scan# 2059
 Delta R.T. -0.02 min
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Tgt Ion: 75 Resp: 59928
 Ion Ratio Lower Upper
 75 100
 157 0.0 68.2 102.2#
 155 0.0 56.0 84.0#



#69
 Naphthalene
 Concen: 780.575 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
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Tgt Ion: 128 Resp: 13615502
 Ion Ratio Lower Upper
 128 100
 129 12.3 8.7 13.1
 127 13.9 10.6 15.8

