

Data File : VW014841.D
Acq On : 03 Feb 2020 18:16
Operator : SY/VA
Sample : L1323-15
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT53

Quant Time: Feb 04 06:57:14 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	123593	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	128930	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	43725	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34307	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
7) Chloroethane-d5	2.88	69	43586	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
10) 1,1-Dichloroethene-d2	4.02	63	71205	17.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.28%
20) 2-Butanone-d5	7.08	46	33883	46.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.14%
24) Chloroform-d	7.65	84	101184	25.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	8.42	65	134	0.06	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.24%#
29) Benzene-d6	8.27	84	198351	21.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.28%
33) 1,2-Dichloropropane-d6	9.27	67	68361	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.80%
37) Toluene-d8	10.32	98	155602	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.44%
38) trans-1,3-Dichloropropene-	10.58	79	22199	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.32%
39) 2-Hexanone-d5	10.93	63	22945	39.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	55878	24.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	49839	27.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.84%

Target Compounds

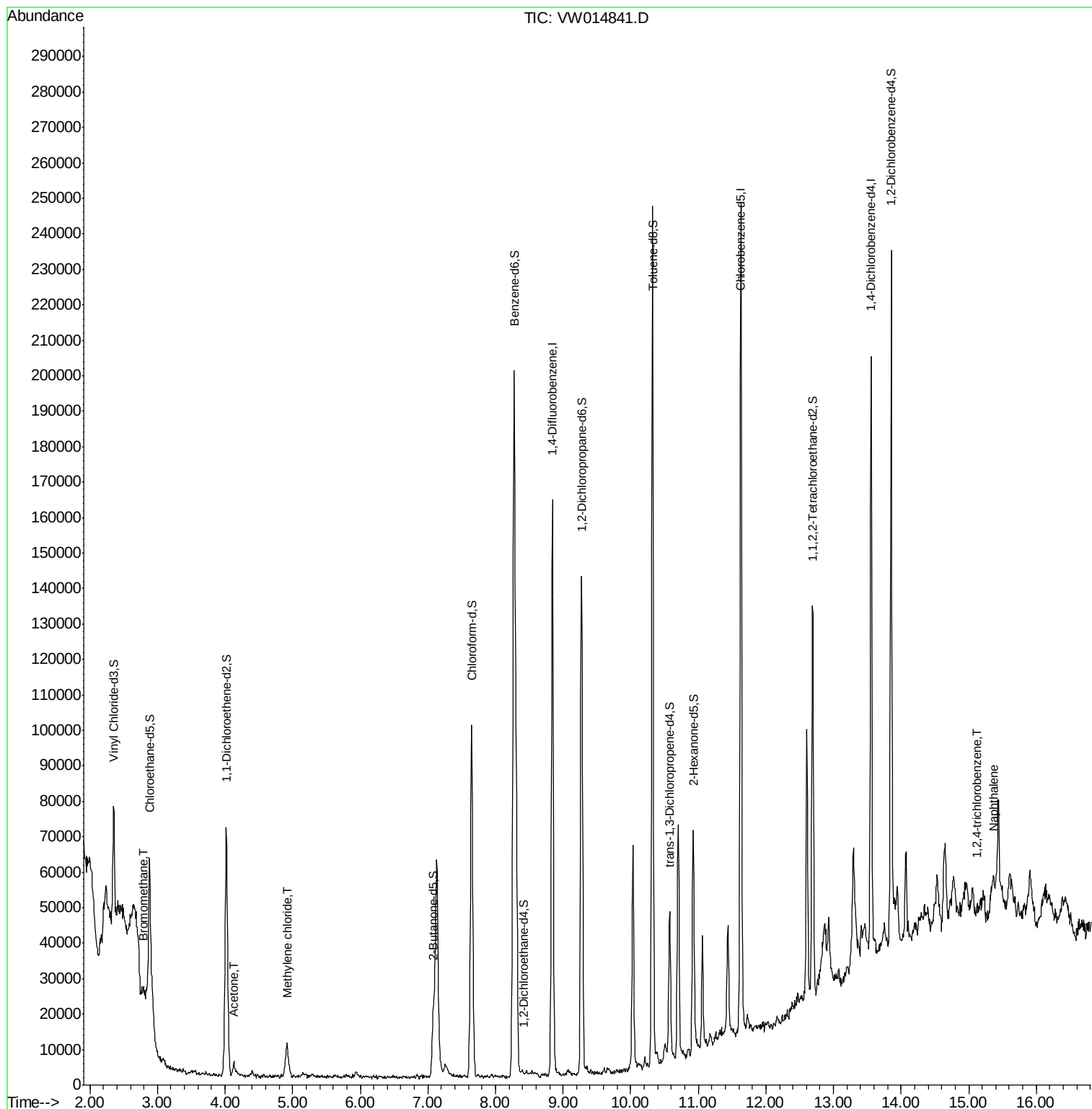
					Qvalue
6) Bromomethane	2.79	94	320	0.255 ug/L	53
13) Acetone	4.13	43	6814	8.660 ug/L	69
16) Methylene chloride	4.91	84	5849	2.563 ug/L	88
68) 1,2,4-trichlorobenzene	15.13	180	568	0.350 ug/L #	46
69) Naphthalene	15.36	128	4119	1.251 ug/L #	76

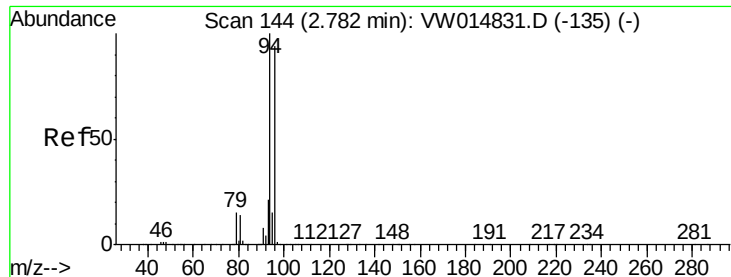
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.255 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

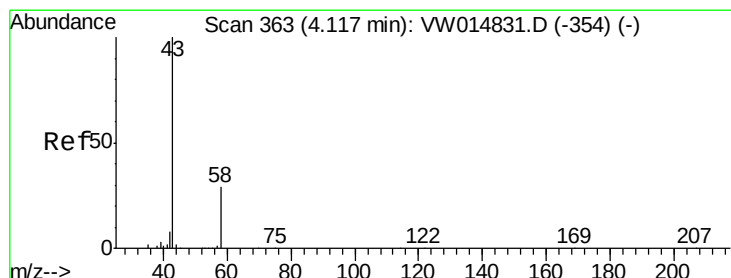
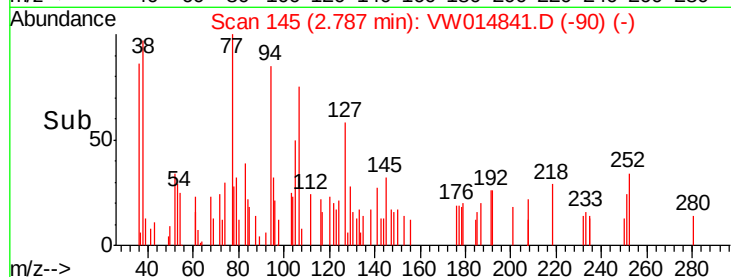
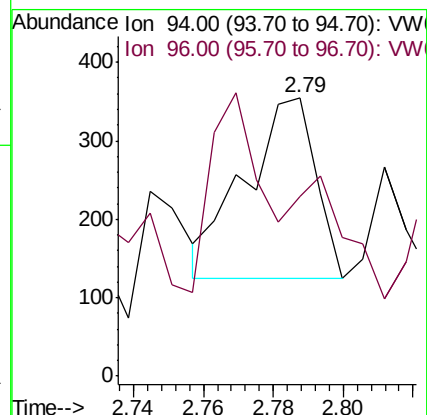
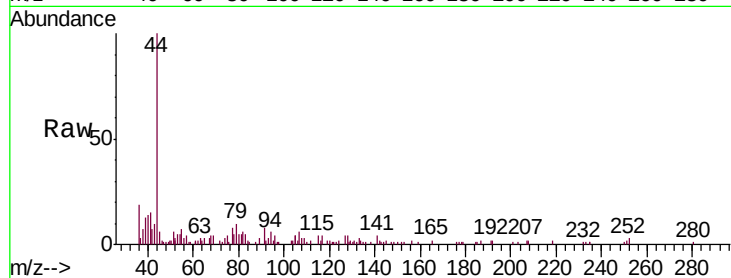
GAT53

Tgt Ion: 94 Resp: 320

Ion Ratio Lower Upper

94 100

96 49.4 9.5 179.9



#13

Acetone

Concen: 8.660 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

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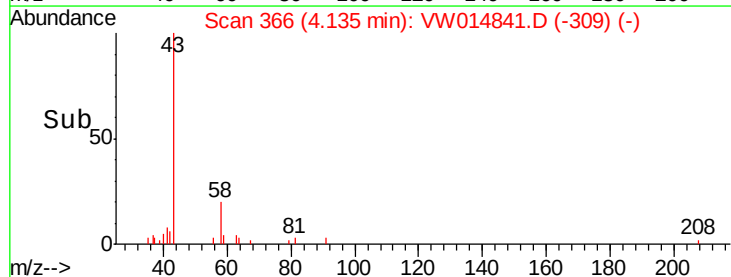
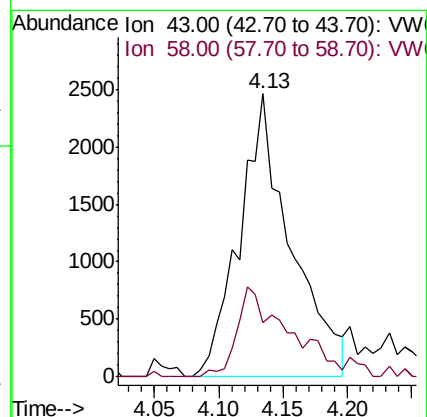
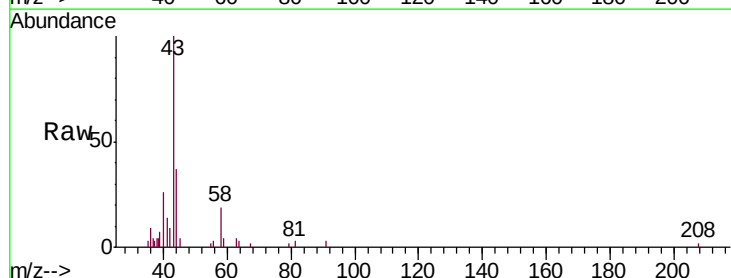
Acq: 03 Feb 2020 18:16

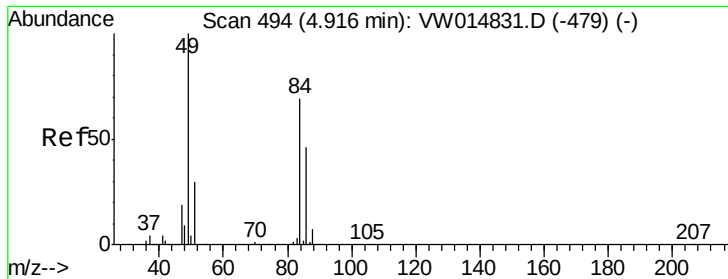
Tgt Ion: 43 Resp: 6814

Ion Ratio Lower Upper

43 100

58 13.3 0.0 60.2

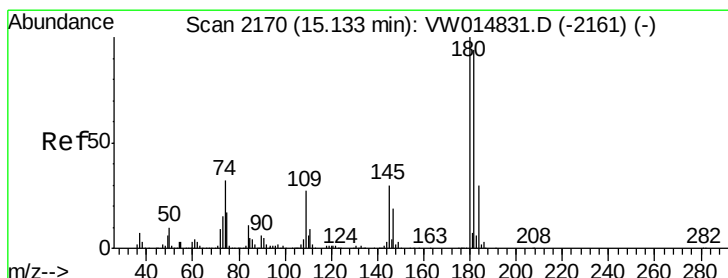
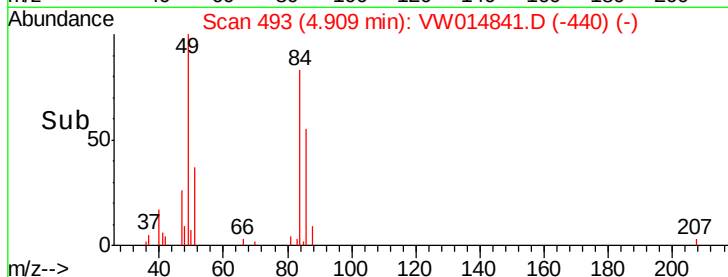
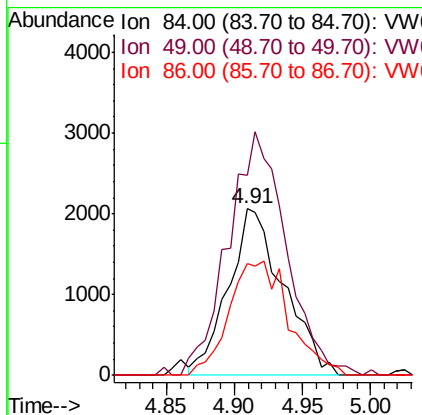
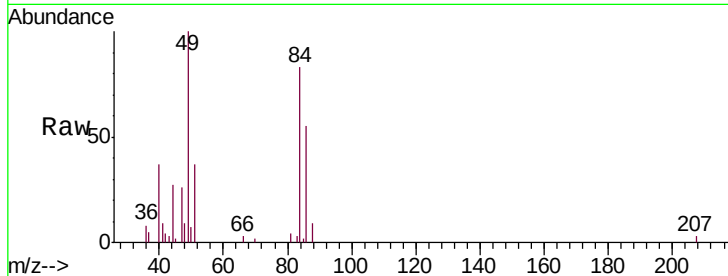




#16
Methylene chloride
Concen: 2.563 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
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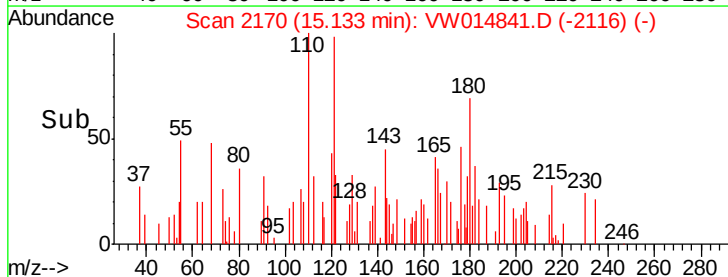
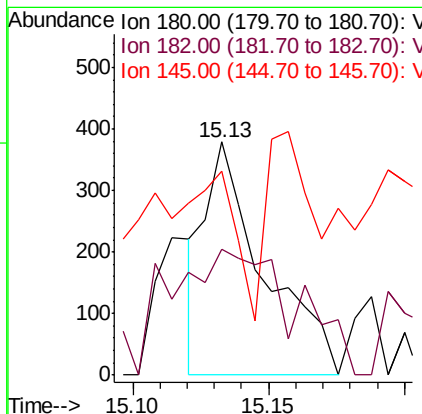
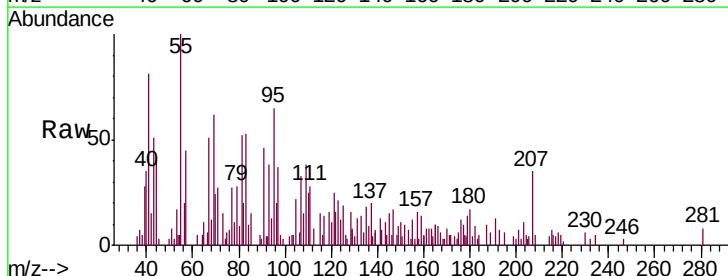
Instrument :
MSVOA_W
ClientSampled :
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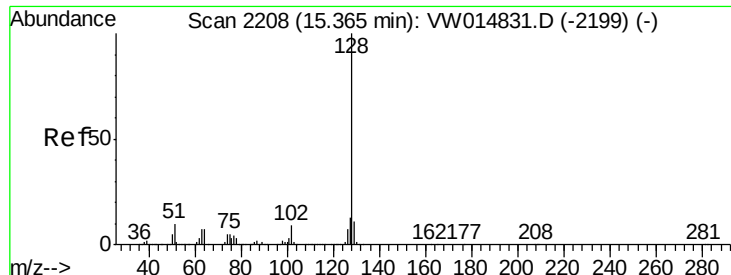
Tgt Ion: 84 Resp: 5849
Ion Ratio Lower Upper
84 100
49 120.5 96.6 179.4
86 66.8 43.8 81.4



#68
1,2,4-trichlorobenzene
Concen: 0.350 ug/L
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW014841.D
Acq: 03 Feb 2020 18:16

Tgt Ion: 180 Resp: 568
Ion Ratio Lower Upper
180 100
182 36.8 74.7 112.1#
145 50.4 24.1 36.1#





#69

Naphthalene

Concen: 1.251 ug/L

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW014841.D

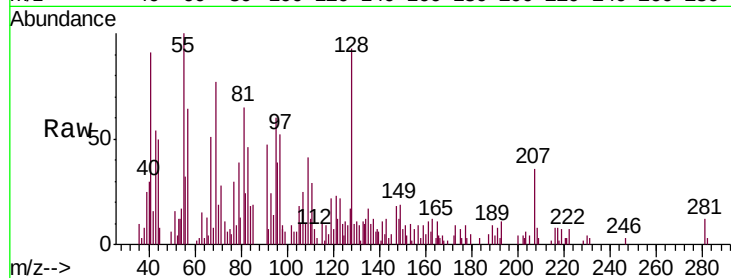
Acq: 03 Feb 2020 18:16

Instrument :

MSVOA_W

ClientSampleId :

GAT53



Tgt Ion:128 Resp: 4119

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 5.0 10.6 15.8#

