

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014843.D
 Acq On : 03 Feb 2020 19:08
 Operator : SY/VA
 Sample : L1323-02
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT42

Quant Time: Feb 04 07:36:02 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	1269915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1134120	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	463891	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	365408	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
7) Chloroethane-d5	2.89	69	353917	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.01	63	591249	13.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.96%
20) 2-Butanone-d5	7.07	46	259163	34.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.34%
24) Chloroform-d	7.65	84	850338	21.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	8.31	65	467207	20.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.24%
29) Benzene-d6	8.27	84	1755013	21.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.80%
33) 1,2-Dichloropropane-d6	9.27	67	583839	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.12%
37) Toluene-d8	10.32	98	1515996	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.57	79	202545	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.12%
39) 2-Hexanone-d5	10.92	63	196477	38.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	406921	19.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	454695	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds

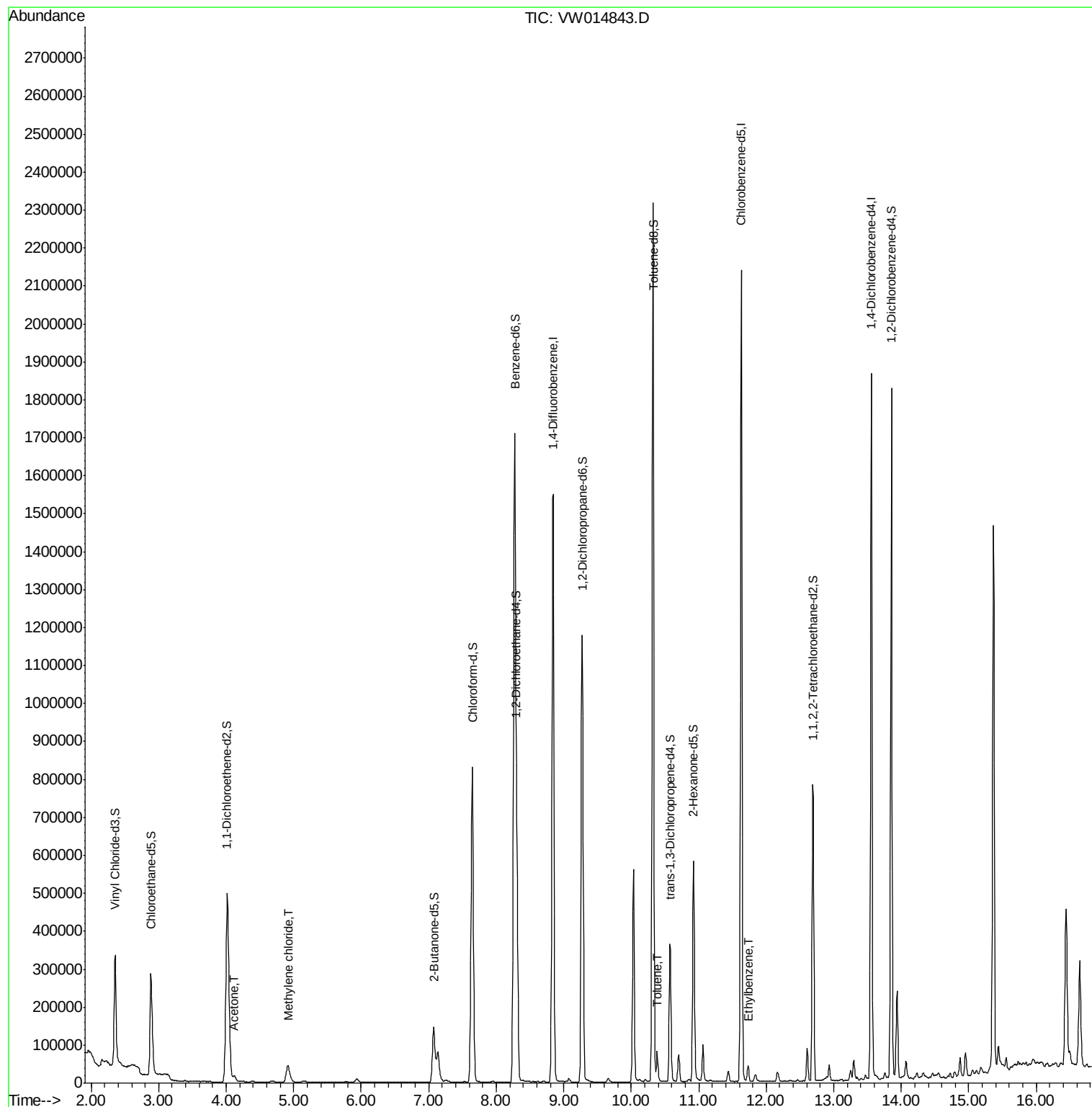
					Ovalue
13) Acetone	4.12	43	26314	3.255 ug/L	97
16) Methylene chloride	4.92	84	36940	1.575 ug/L	100
44) Toluene	10.38	91	54538	0.686 ug/L	97
53) Ethylbenzene	11.73	91	28617	0.332 ug/L	94

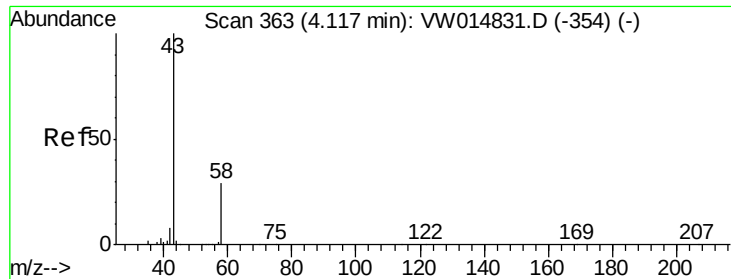
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.255 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014843.D

Acq: 03 Feb 2020 19:08

Instrument :

MSVOA_W

ClientSampled :

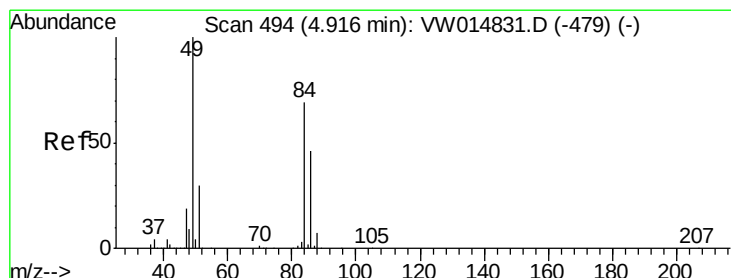
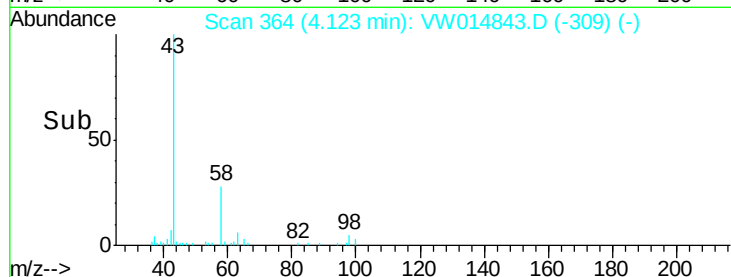
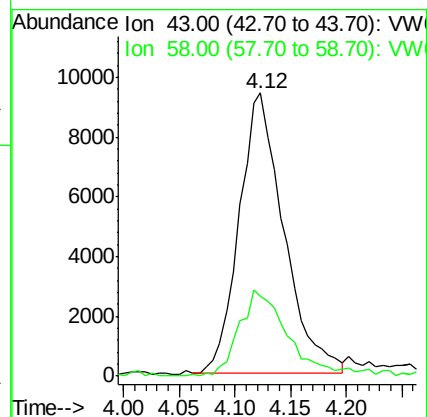
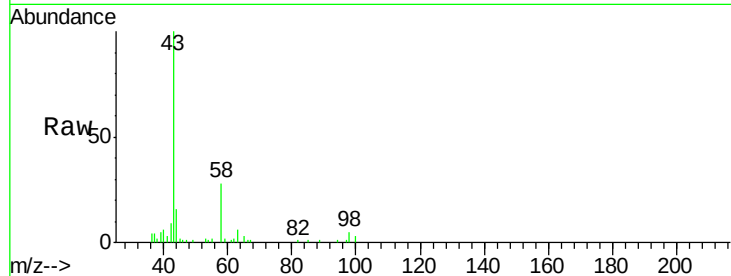
GAT42

Tot Ion: 43 Resp: 26314

Ion Ratio Lower Upper

43 100

58 32.0 0.0 60.2



#16

Methylene chloride

Concen: 1.575 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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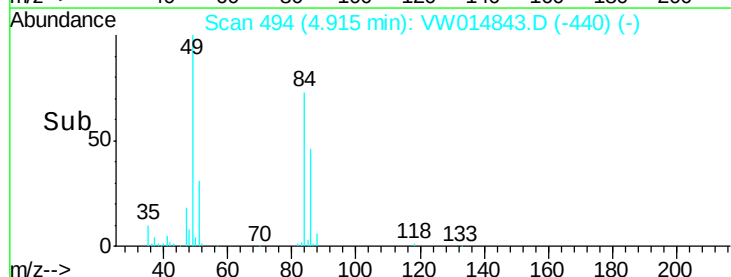
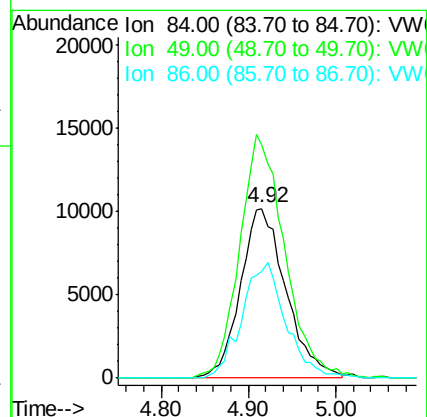
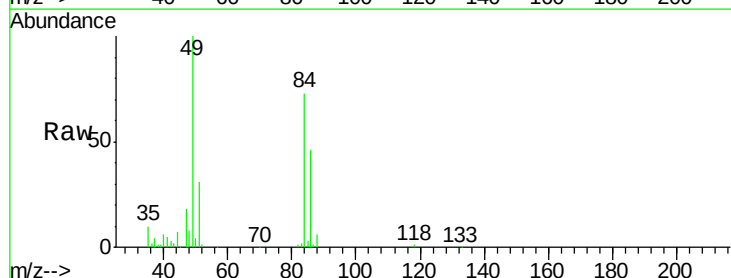
Tgt Ion: 84 Resp: 36940

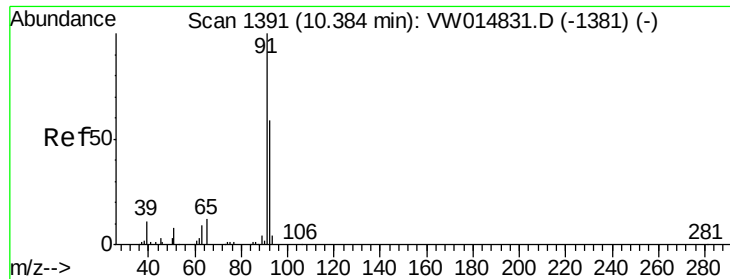
Ion Ratio Lower Upper

84 100

49 137.6 96.6 179.4

86 63.0 43.8 81.4





#44

Toluene

Concen: 0.686 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

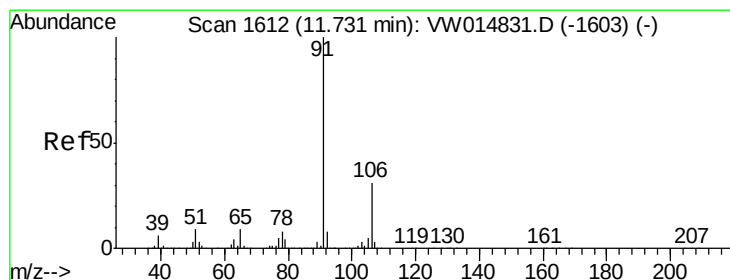
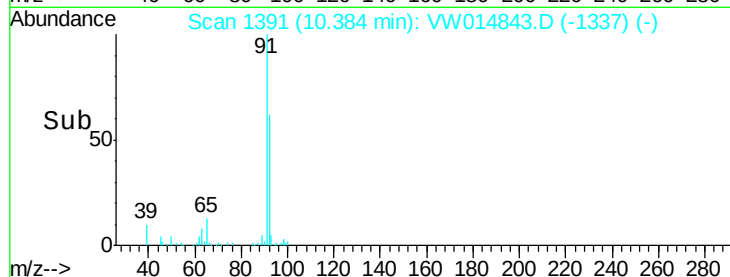
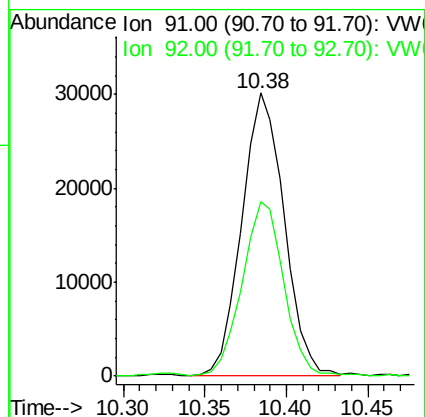
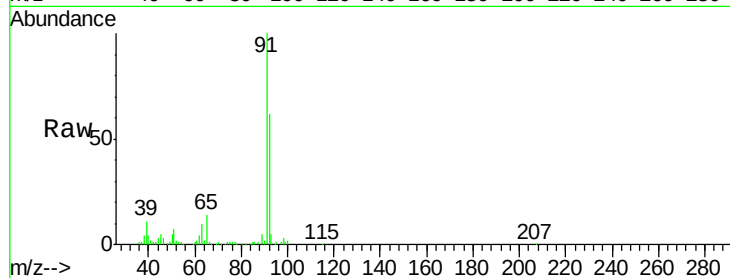
GAT42

Tot Ion: 91 Resp: 54538

Ion Ratio Lower Upper

91 100

92 61.5 41.6 77.2



#53

Ethylbenzene

Concen: 0.332 ug/L

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW014843.D

Acq: 03 Feb 2020 19:08

Tgt Ion: 91 Resp: 28617

Ion Ratio Lower Upper

91 100

106 26.9 21.3 39.5

