

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014848.D
 Acq On : 03 Feb 2020 21:20
 Operator : SY/VA
 Sample : L1323-09
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT47

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:40:03 PM

Quant Time: Feb 04 08:13:08 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	976266	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	827617	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	258392	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	294456	19.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.04%
7) Chloroethane-d5	2.89	69	287421	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.64%
10) 1,1-Dichloroethene-d2	4.02	63	488356	15.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.12%
20) 2-Butanone-d5	7.07	46	235613	41.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.00%
24) Chloroform-d	7.65	84	698541	22.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	8.31	65	395243m	22.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.48%
29) Benzene-d6	8.27	84	1440316	24.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.76%
33) 1,2-Dichloropropane-d6	9.27	67	485886	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.64%
37) Toluene-d8	10.32	98	1210168	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.04%
38) trans-1,3-Dichloropropene-	10.57	79	164214	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.80%
39) 2-Hexanone-d5	10.92	63	185103	49.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	315918	21.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	254427	23.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.00%

Target Compounds					Ovalue
13) Acetone	4.12	43	26121	4.203 ug/L	99
16) Methylene chloride	4.92	84	45187	2.507 ug/L	97
44) Toluene	10.38	91	100846	1.739 ug/L	98
56) Styrene	12.18	104	16912	0.464 ug/L	96

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

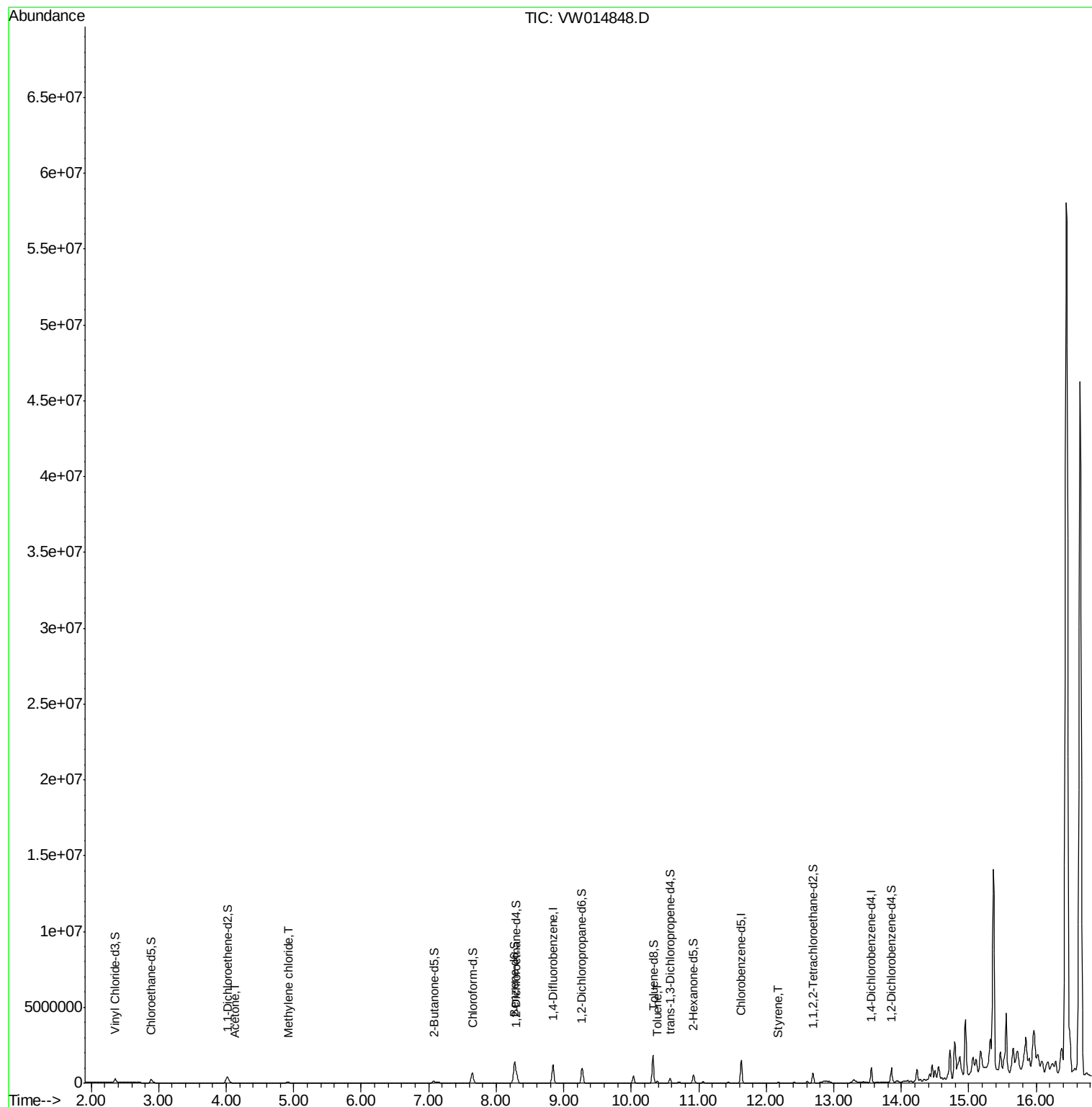
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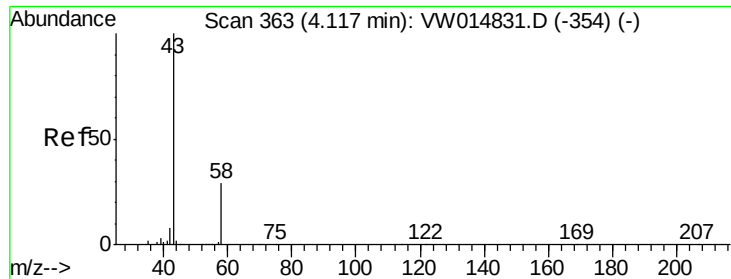
Instrument :
MSVOA_W
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Quant Time: Feb 04 08:13:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration





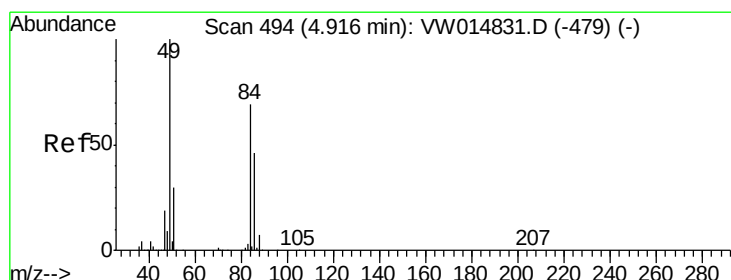
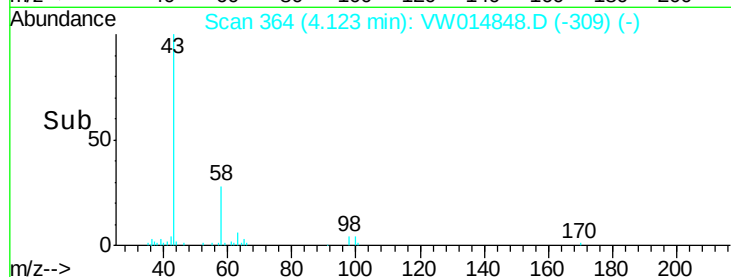
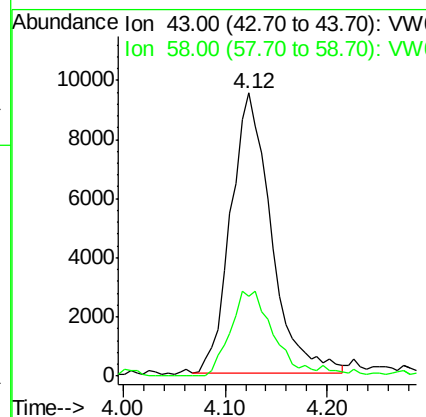
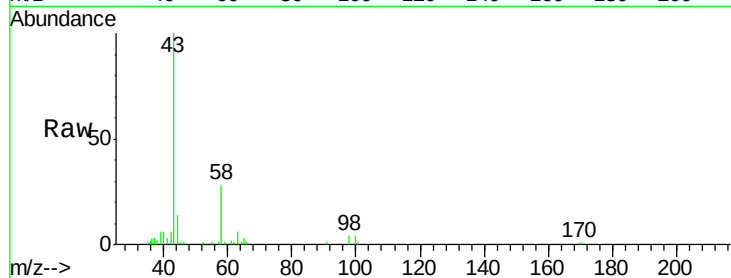
#13
Acetone
Concen: 4.203 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014848.D
Acq: 03 Feb 2020 21:20

Instrument :
MSVOA_W
ClientSampled :
GAT47

Tot Ion	Ratio	Resp	Lower	Upper
43	100	26121		
58	30.8		0.0	60.2

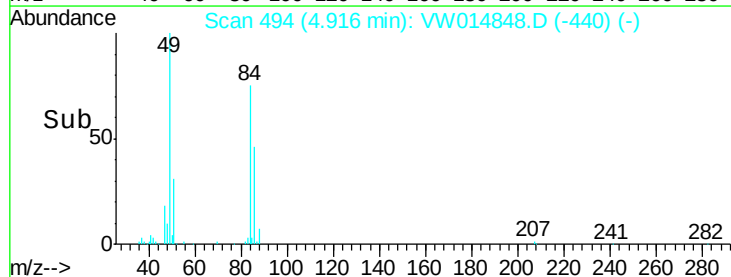
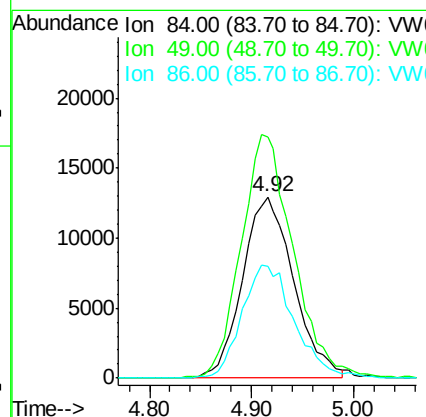
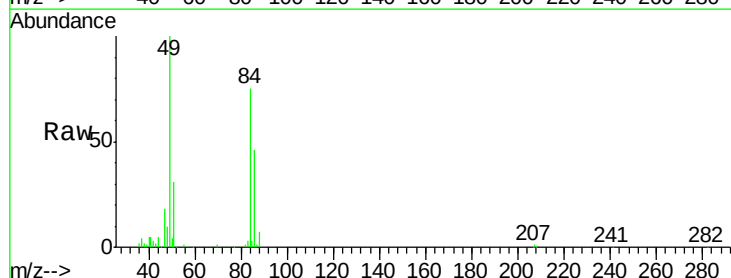
Manual Integrations
APPROVED

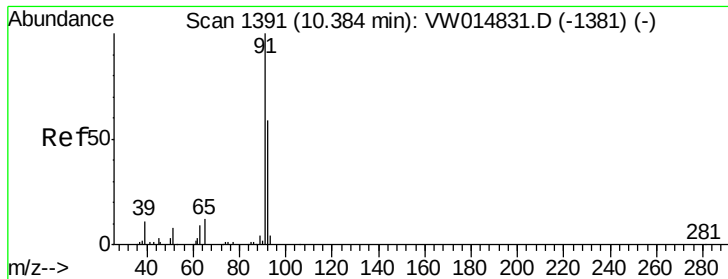
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2/4/2020 3:40:03 PM



#16
Methylene chloride
Concen: 2.507 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014848.D
Acq: 03 Feb 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	45187		
49	133.0		96.6	179.4
86	61.6		43.8	81.4





#44

Toluene

Concen: 1.739 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014848.D

Acq: 03 Feb 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

GAT47

Tot Ion: 91 Resp: 100846

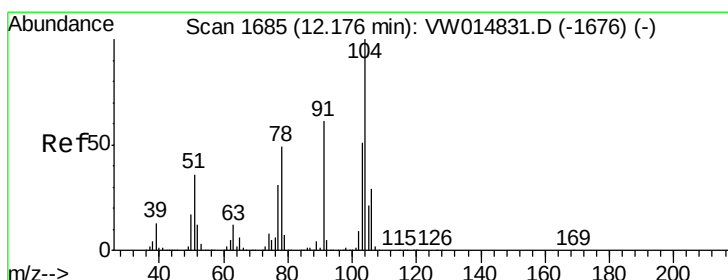
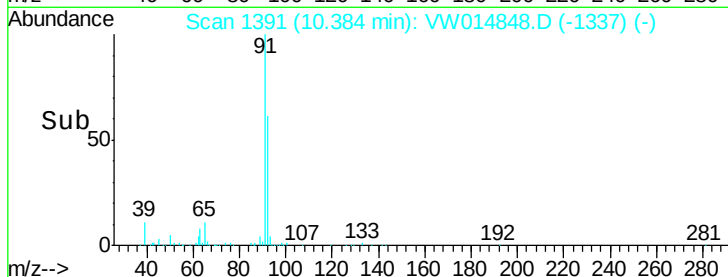
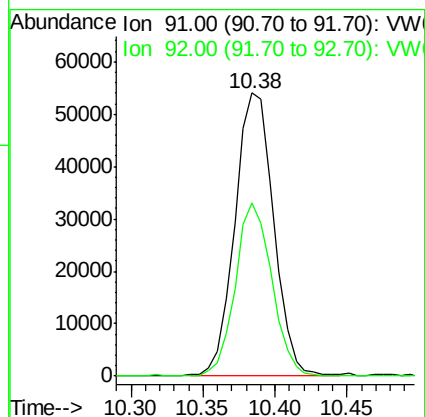
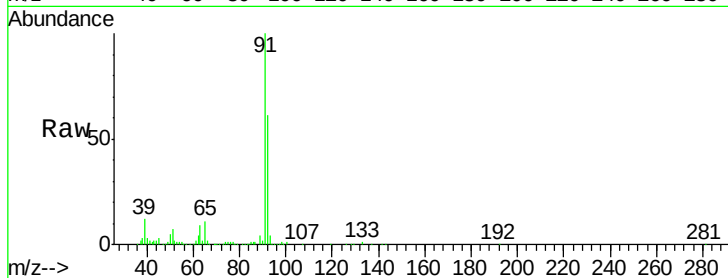
Ion Ratio Lower Upper

91 100

92 61.0 41.6 77.2

Manual Integrations
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#56

Styrene

Concen: 0.464 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VW014848.D

Acq: 03 Feb 2020 21:20

Tgt Ion: 104 Resp: 16912

Ion Ratio Lower Upper

104 100

78 46.4 34.3 63.7

