

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\

Data File : VW009421.D

Acq On : 25 Mar 2019 12:02

Operator : SY/VA

Sample : K2062-03

Misc : 5.92G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 08:19:35 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

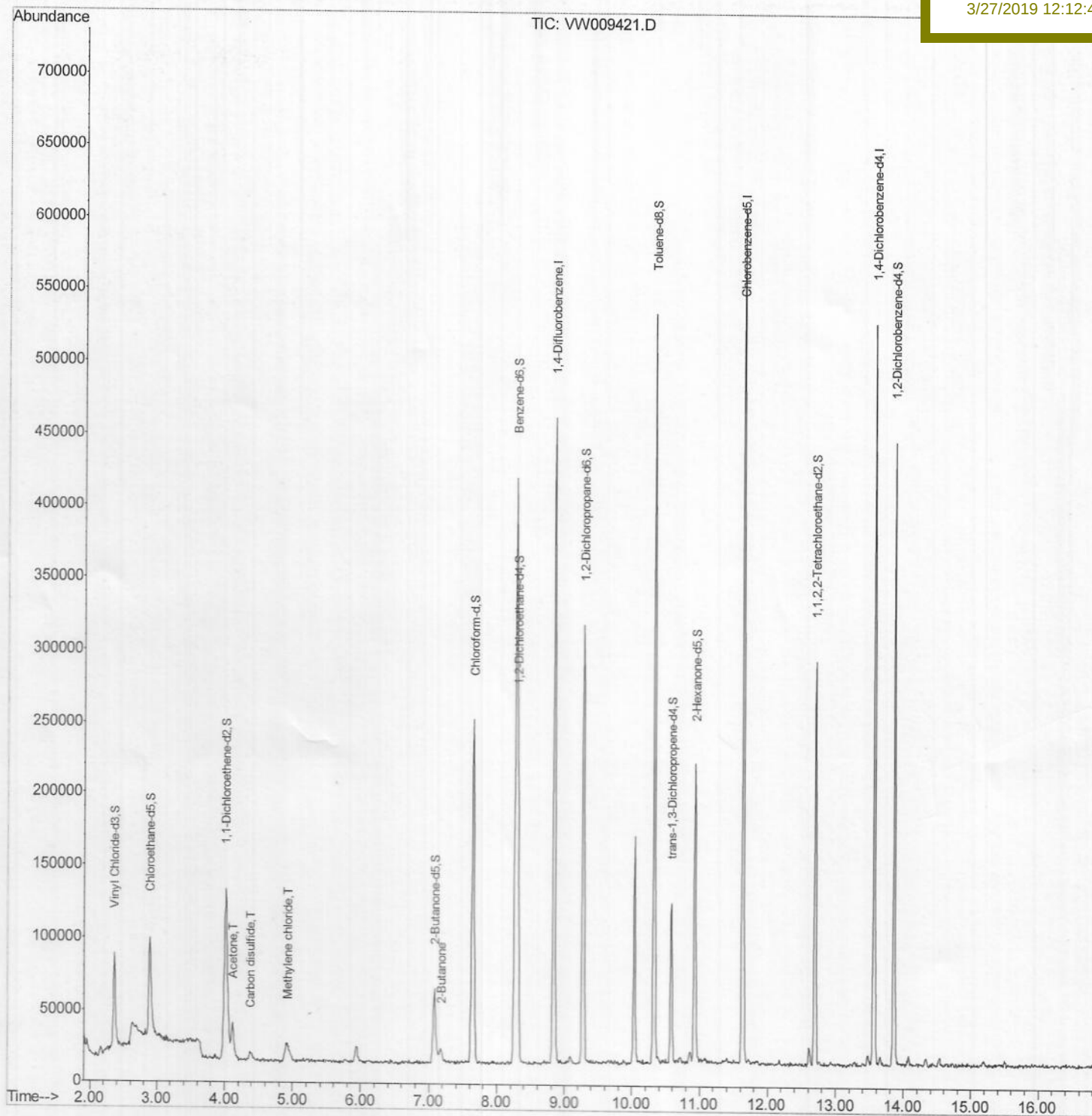
QLast Update : Tue Mar 26 07:46:05 2019

Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
BF0H0

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:12:41 PM



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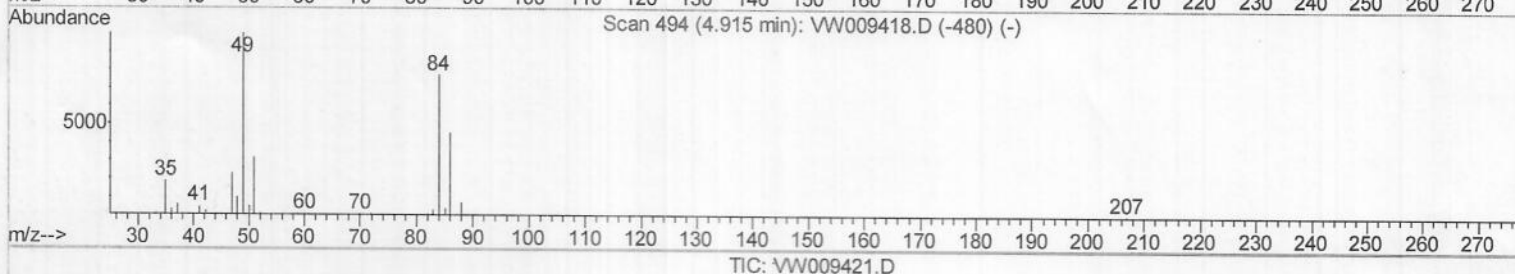
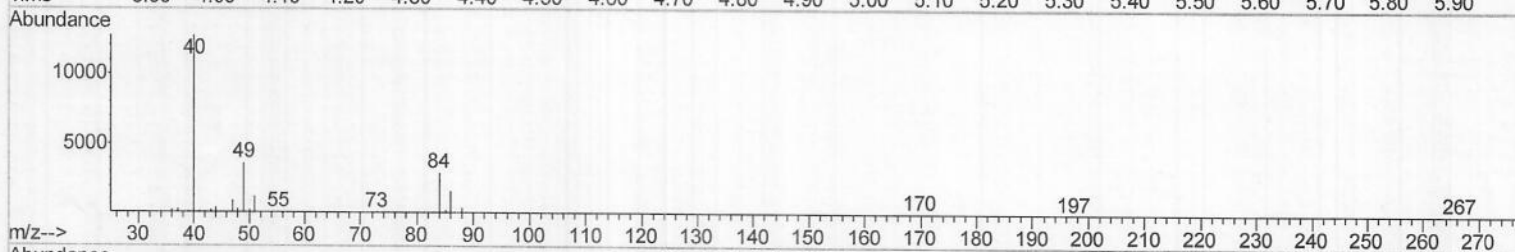
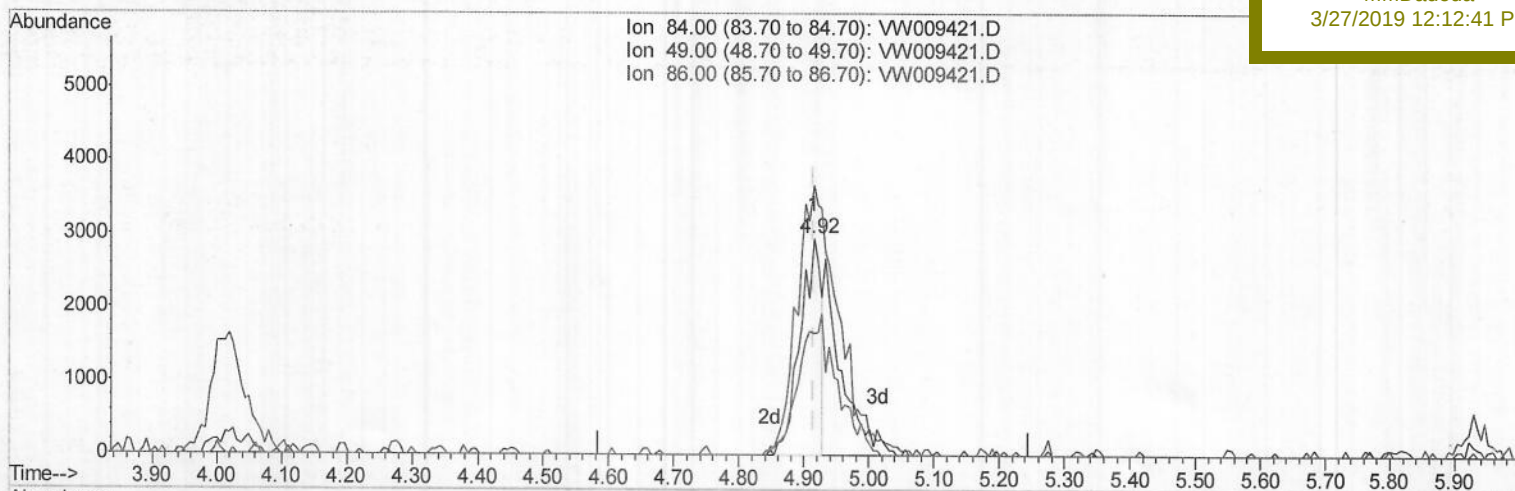
BF0H0

Manual Integrations

APPROVED

MMDadoda

3/27/2019 12:12:41 PM



(16) Methylene chloride (T)

4.915min (+0.000) 1.30ug/L

response 6545

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	123.96
86.00	63.50	55.98
0.00	0.00	0.00

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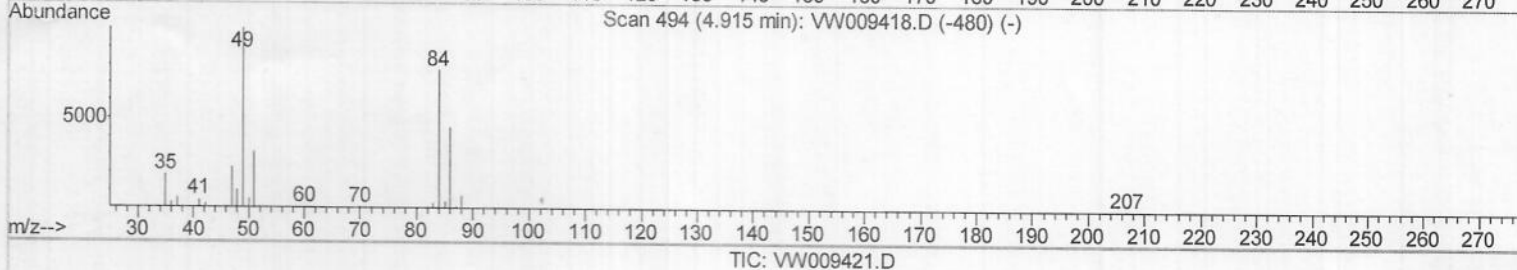
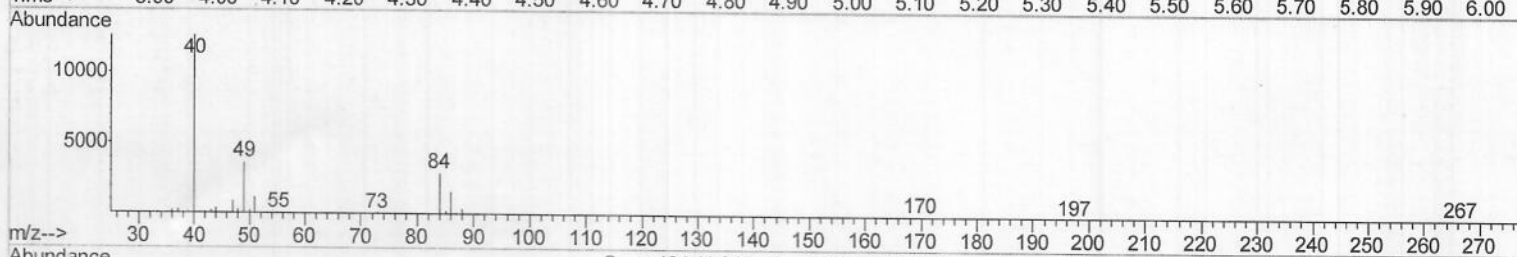
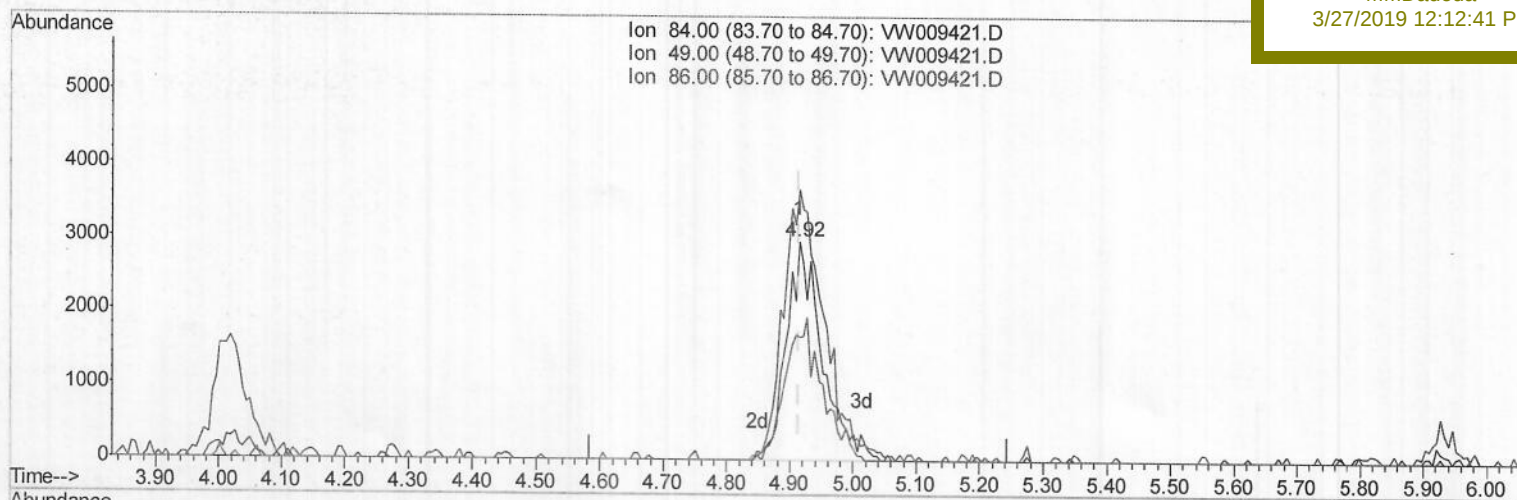
ClientSampleId :

BF0H0

Manual Integrations
APPROVED

MMDadoda

3/27/2019 12:12:41 PM



TIC: VW009421.D

(16) Methylene chloride (T)

4.915min (+0.000) 2.28ug/L m

response 11503

Ion Exp% Act%

84.00 100 100

49.00 137.10 123.96

86.00 63.50 55.98

0.00 0.00 0.00

3 M.D.
03/27/19

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 MSVOA_W
 Client Sampled :
 BF0H0

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:12:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345694	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123402	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90571	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
7) Chloroethane-d5	2.89	69	96947	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
10) 1,1-Dichloroethene-d2	4.01	63	144573	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.07	46	88152	51.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.20%
24) Chloroform-d	7.64	84	220943	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.31	65	139746	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	385769	22.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.92%
33) 1,2-Dichloropropane-d6	9.27	67	125620	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.48%
37) Toluene-d8	10.32	98	321753	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.12%
38) trans-1,3-Dichloropropene-	10.58	79	54994	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.93	63	61051	48.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122502	24.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	106300	22.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	41856	29.876	ug/L	76
14) Carbon disulfide	4.37	76	10401	0.908	ug/L #	92
16) Methylene chloride	4.92	84	11503m	2.282	ug/L	
21) 2-Butanone	7.17	43	12796	6.615	ug/L	97

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

3 M.D.
 63/27/19