

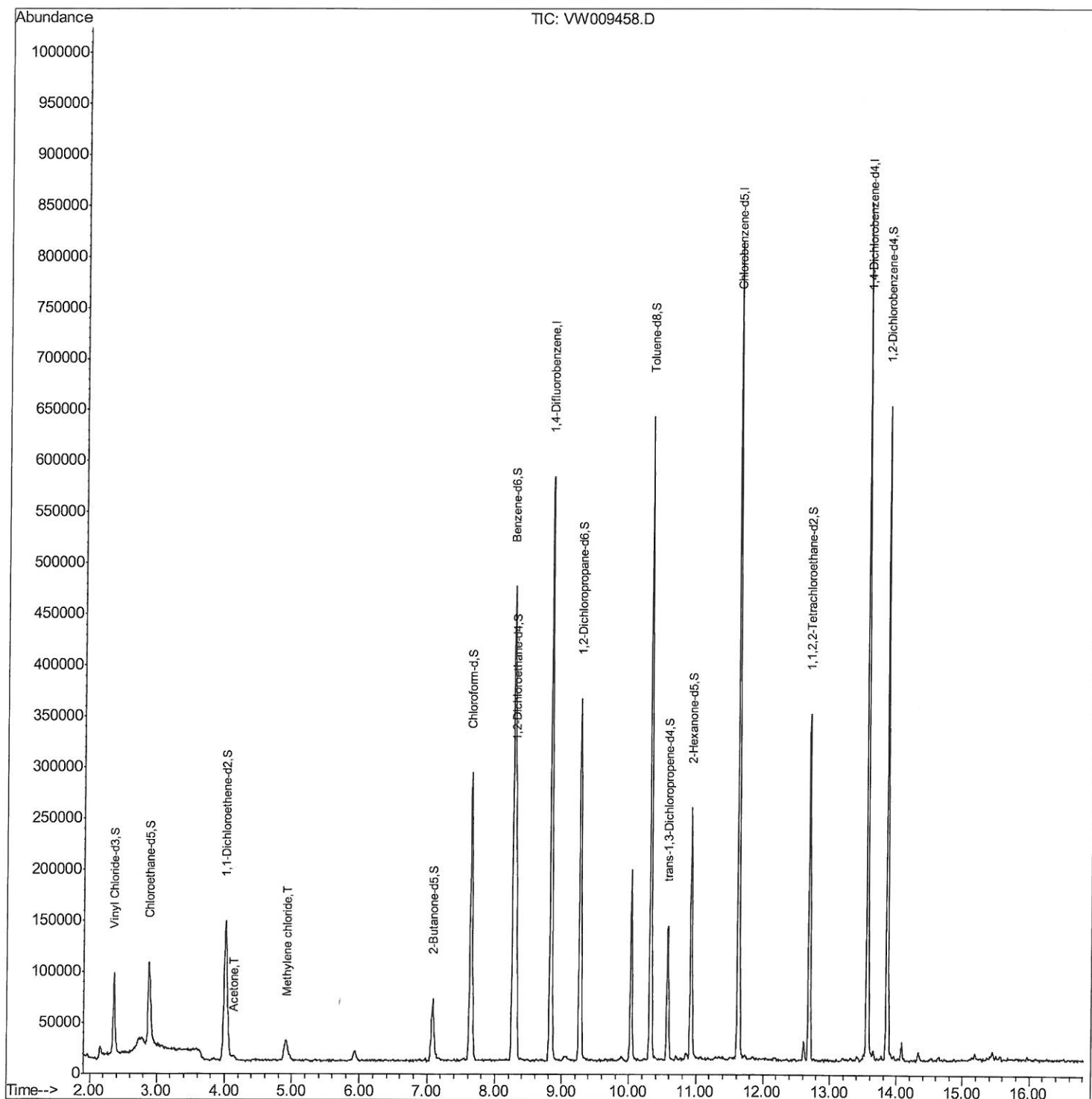
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009458.D
Acq On : 26 Mar 2019 11:18
Operator : SY/VA
Sample : K2065-09
Misc : 2.63G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5L2

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:36:08 PM

Quant Time: Mar 27 07:23:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

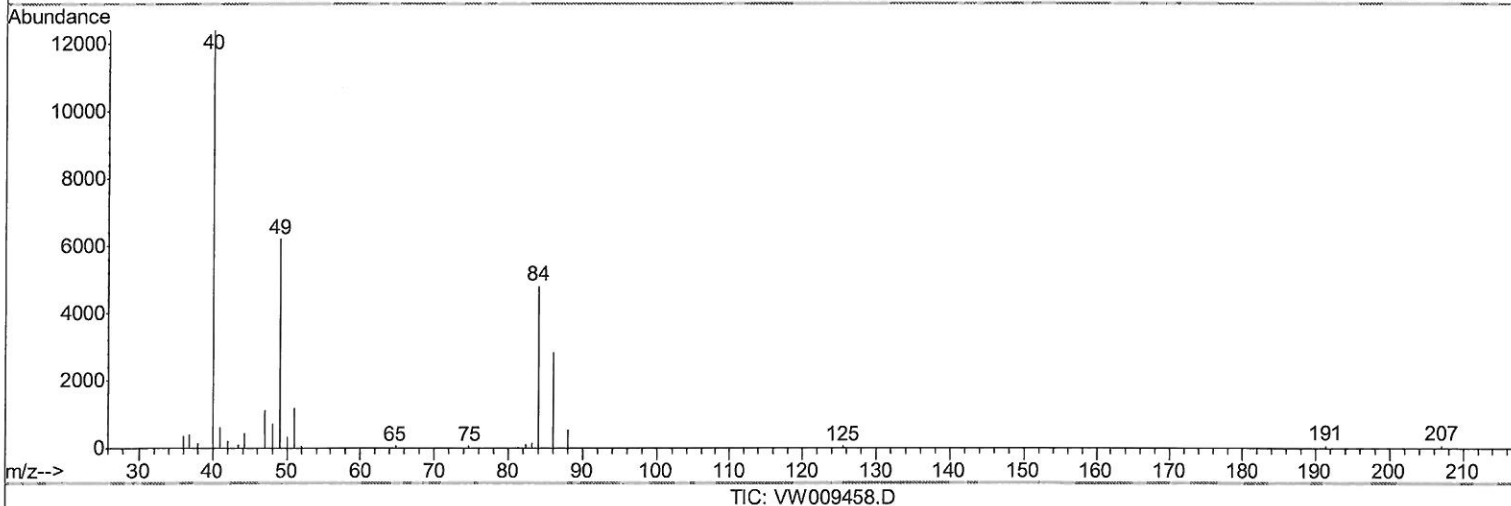
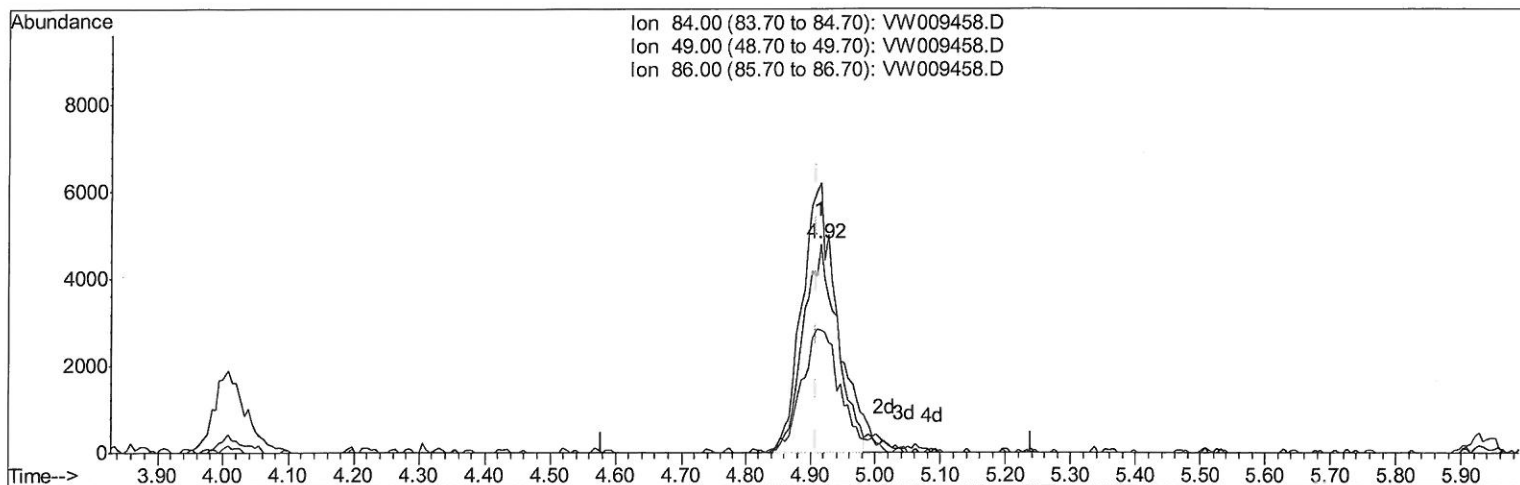
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Manual Integrations
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MMDadoda
 3/30/2019 12:36:08 PM

Quant Time: Mar 27 06:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration



(16) Methylene chloride (T)

4.916min (+0.006) 2.72ug/L

response 17554

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	129.10
86.00	63.50	58.99
0.00	0.00	0.00

Quantitation Report (Qedit)

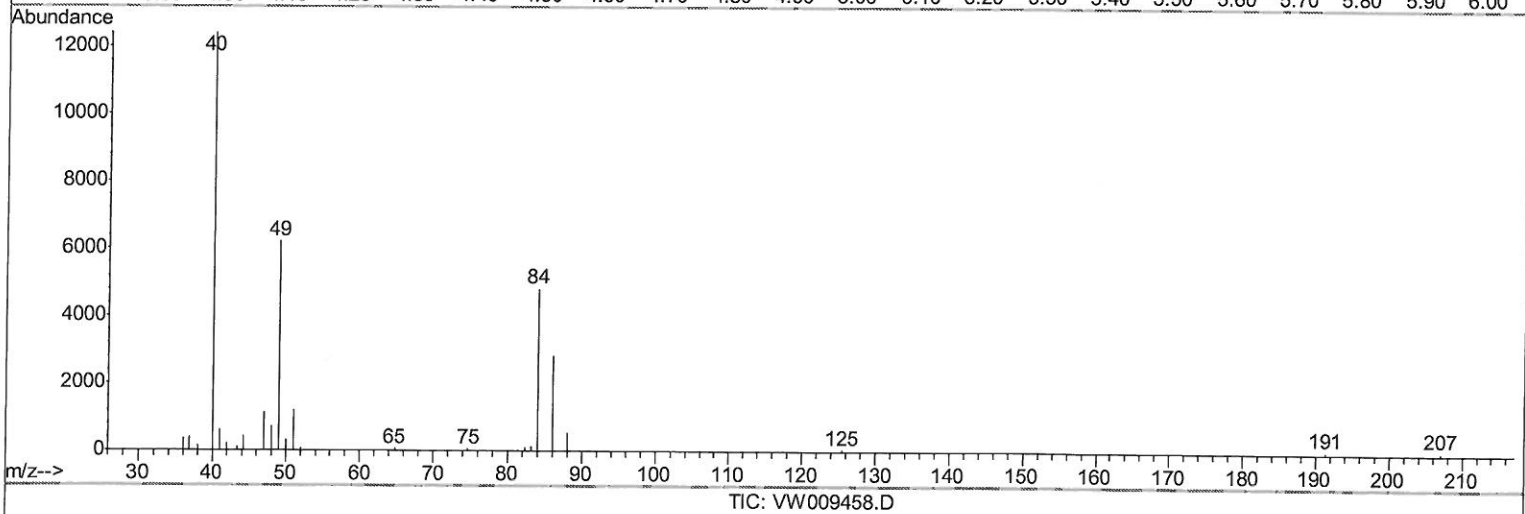
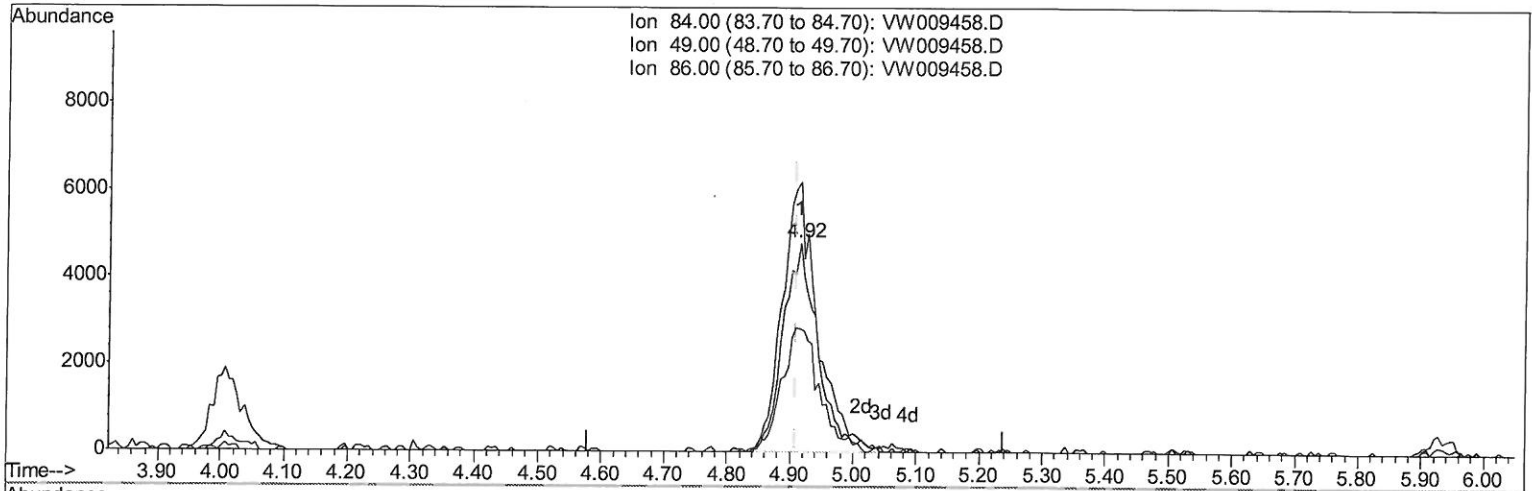
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 Data File : VW009458.D
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 Operator : SY/VA
 Sample : K2065-09
 Misc : 2.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L2

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:36:08 PM

Quant Time: Mar 27 06:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration



(16) Methylene chloride (T)
 4.916min (+0.006) 2.83ug/L m
 response 18291

Handwritten:
 7MO
 4/6/19

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	129.10
86.00	63.50	58.99
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009458.D
Acq On : 26 Mar 2019 11:18
Operator : SY/VA
Sample : K2065-09
Misc : 2.63G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5L2

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:36:08 PM

Quant Time: Mar 27 07:23:07 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Mar 27 01:27:49 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	442544	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419676	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194915	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101288	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.60%
7) Chloroethane-d5	2.89	69	111122	17.96	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.84%
10) 1,1-Dichloroethene-d2	4.01	63	167324	14.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.56%
20) 2-Butanone-d5	7.08	46	100970	46.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.34%
24) Chloroform-d	7.65	84	253690	21.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	8.31	65	159927	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.92%
29) Benzene-d6	8.27	84	452950	19.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.28%
33) 1,2-Dichloropropane-d6	9.27	67	144335	20.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.04%
37) Toluene-d8	10.32	98	389043	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.72%
38) trans-1,3-Dichloropropene-	10.58	79	65762	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.36%
39) 2-Hexanone-d5	10.93	63	72953	43.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149712	21.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	158163	21.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.64%

Target Compounds

				Ovalue
13) Acetone	4.13	43	6005	3.348 ug/L
16) Methylene chloride	4.92	84	18291m	2.834 ug/L

67
MD
4/6/19

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