

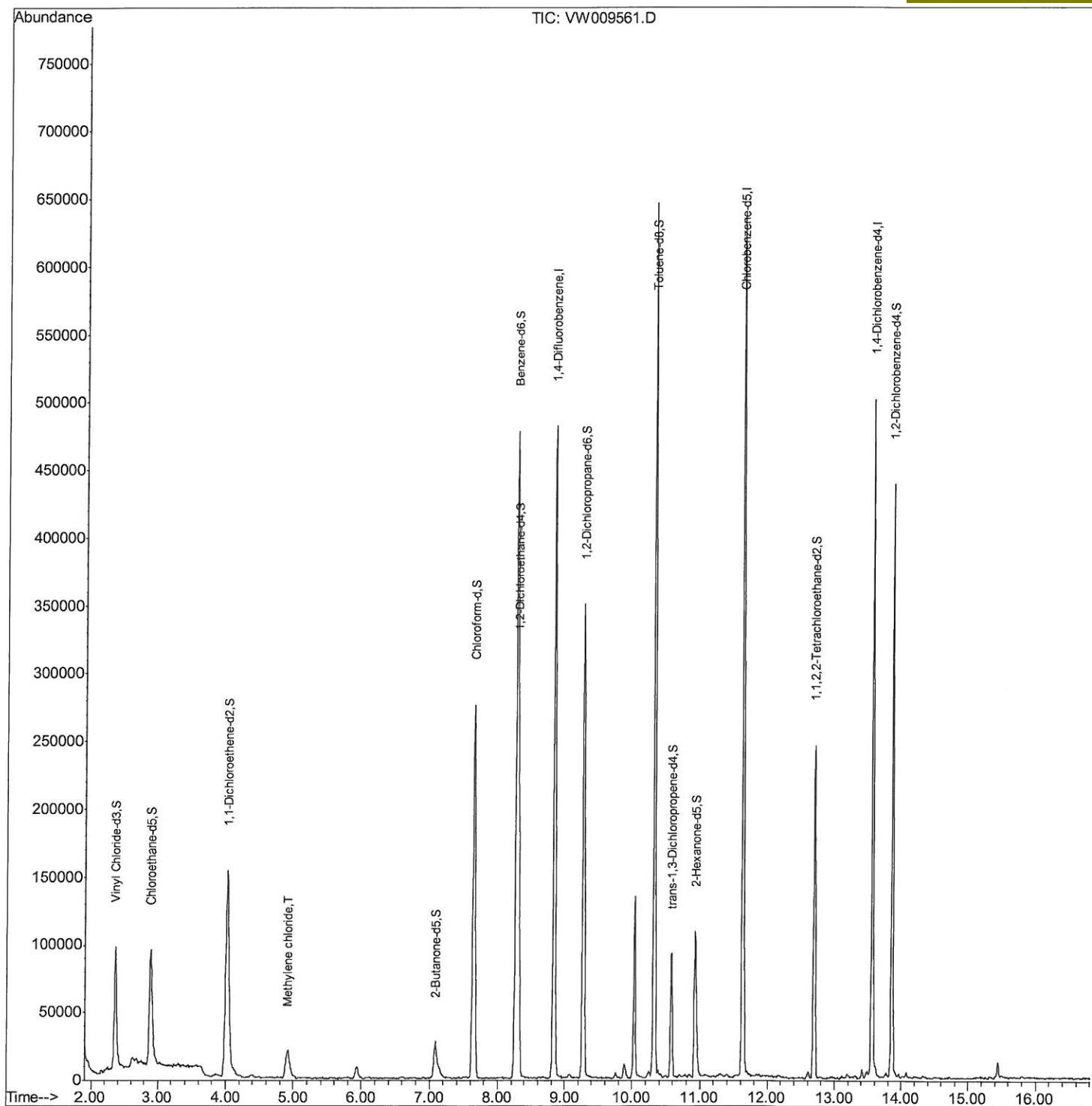
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032819\
Data File : VW009561.D
Acq On : 29 Mar 2019 03:07
Operator : SY/VA
Sample : K2149-04
Misc : 4.95G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5H3

Quant Time: Mar 29 08:50:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:16 AM



Quantitation Report (Qedit)

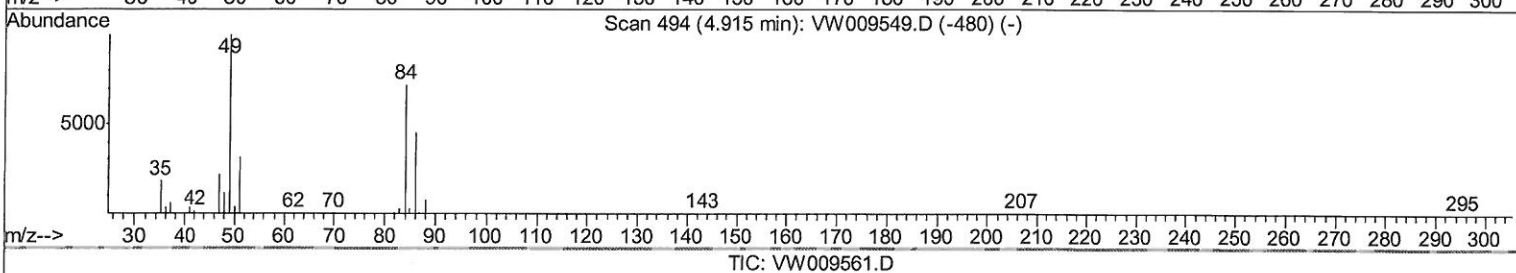
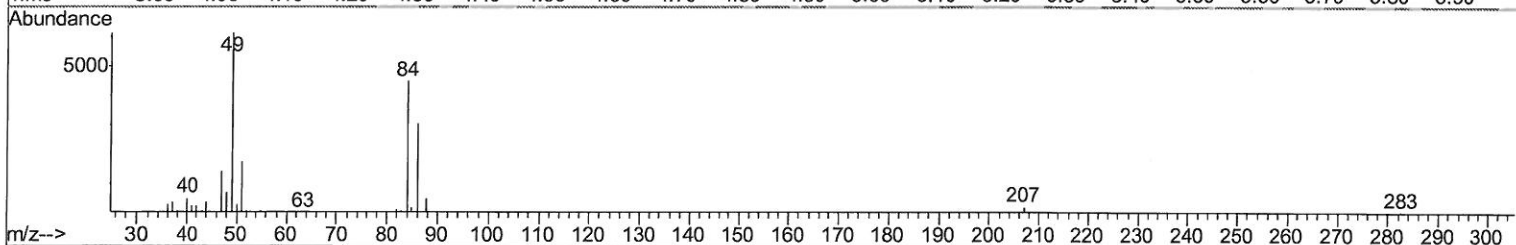
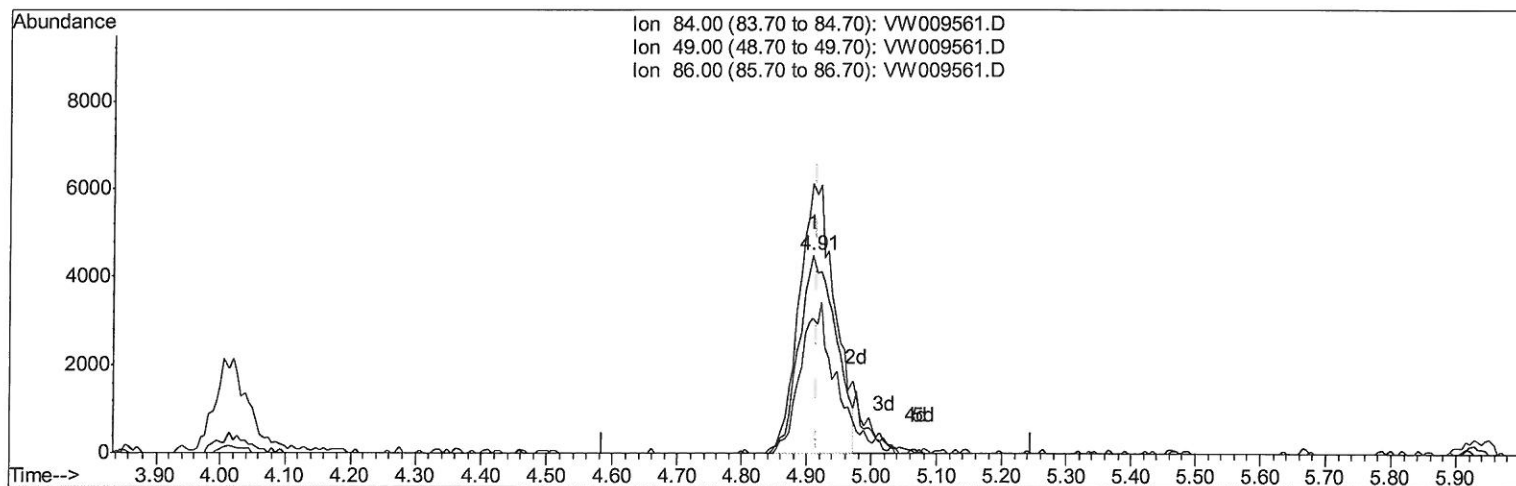
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Instrument :
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ClientSampleId :
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Quant Time: Mar 29 07:46:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
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Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:16 AM



(16) Methylene chloride (T)

4.909min (-0.006) 3.29ug/L

response 17755

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	136.46
86.00	63.50	67.95
0.00	0.00	0.00

Quantitation Report (Qedit)

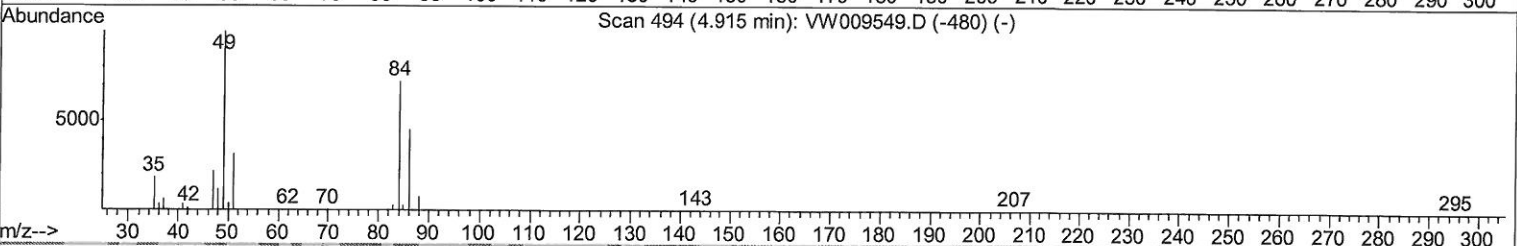
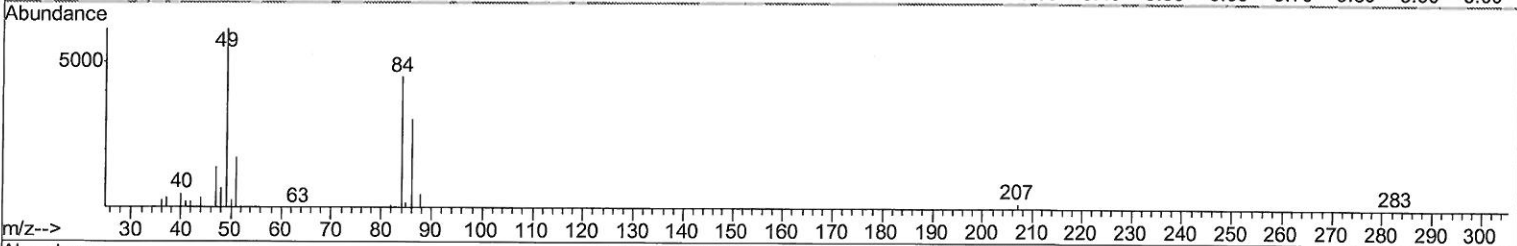
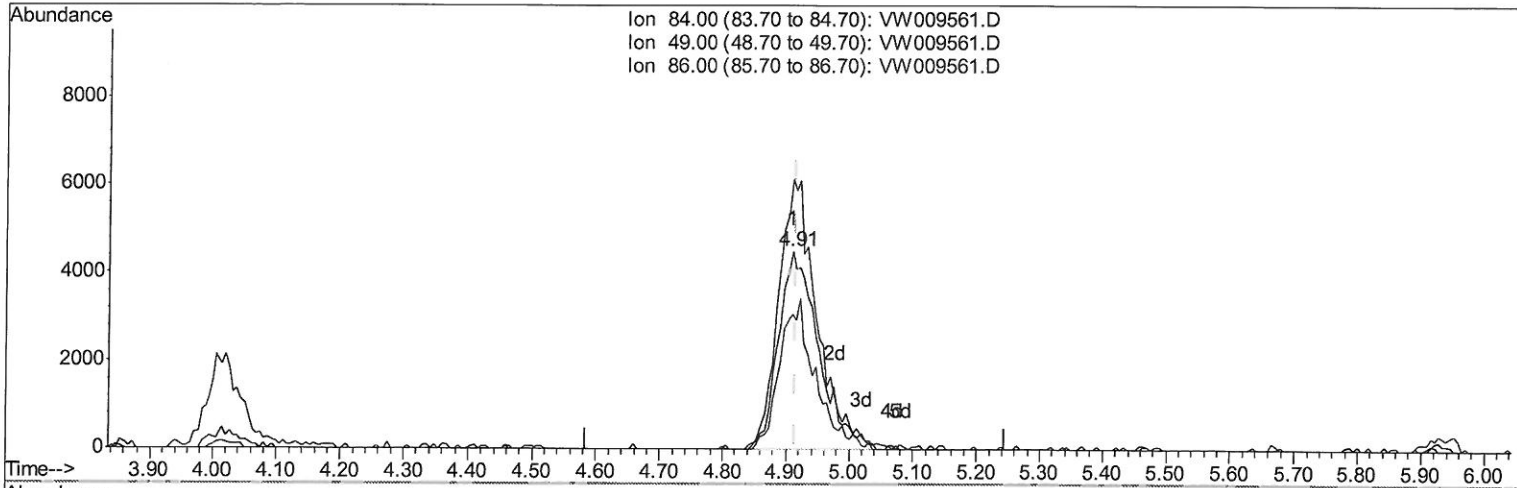
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032819\
 Data File : VW009561.D
 Acq On : 29 Mar 2019 03:07
 Operator : SY/VA
 Sample : K2149-04
 Misc : 4.95G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF5H3

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:06:16 AM

Quant Time: Mar 29 07:46:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 07:41:24 2019
 Response via : Initial Calibration



TIC: VW009561.D

(16) Methylene chloride (T)

4.909min (-0.006) 3.64ug/L m

response 19624

Handwritten: 7 mg / 4/1/19

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	136.46
86.00	63.50	67.95
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032819\
 Data File : VW009561.D
 Acq On : 29 Mar 2019 03:07
 Operator : SY/VA
 Sample : K2149-04
 Misc : 4.95G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF5H3

Quant Time: Mar 29 08:50:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 07:41:24 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:06:16 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	369781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334190	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120048	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131852	29.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.36%
7) Chloroethane-d5	2.89	69	120943	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.56%
10) 1,1-Dichloroethene-d2	4.01	63	191585	20.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.24%
20) 2-Butanone-d5	7.07	46	43352	23.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.44%
24) Chloroform-d	7.65	84	247427	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.30	65	147736	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	8.27	84	462605	25.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.40%
33) 1,2-Dichloropropane-d6	9.27	67	142746	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.16%
37) Toluene-d8	10.32	98	399326	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	46228	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.52%
39) 2-Hexanone-d5	10.93	63	27158	20.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106201	19.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	109997	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.91	84	19624m	3.639	ug/L	7.10

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