

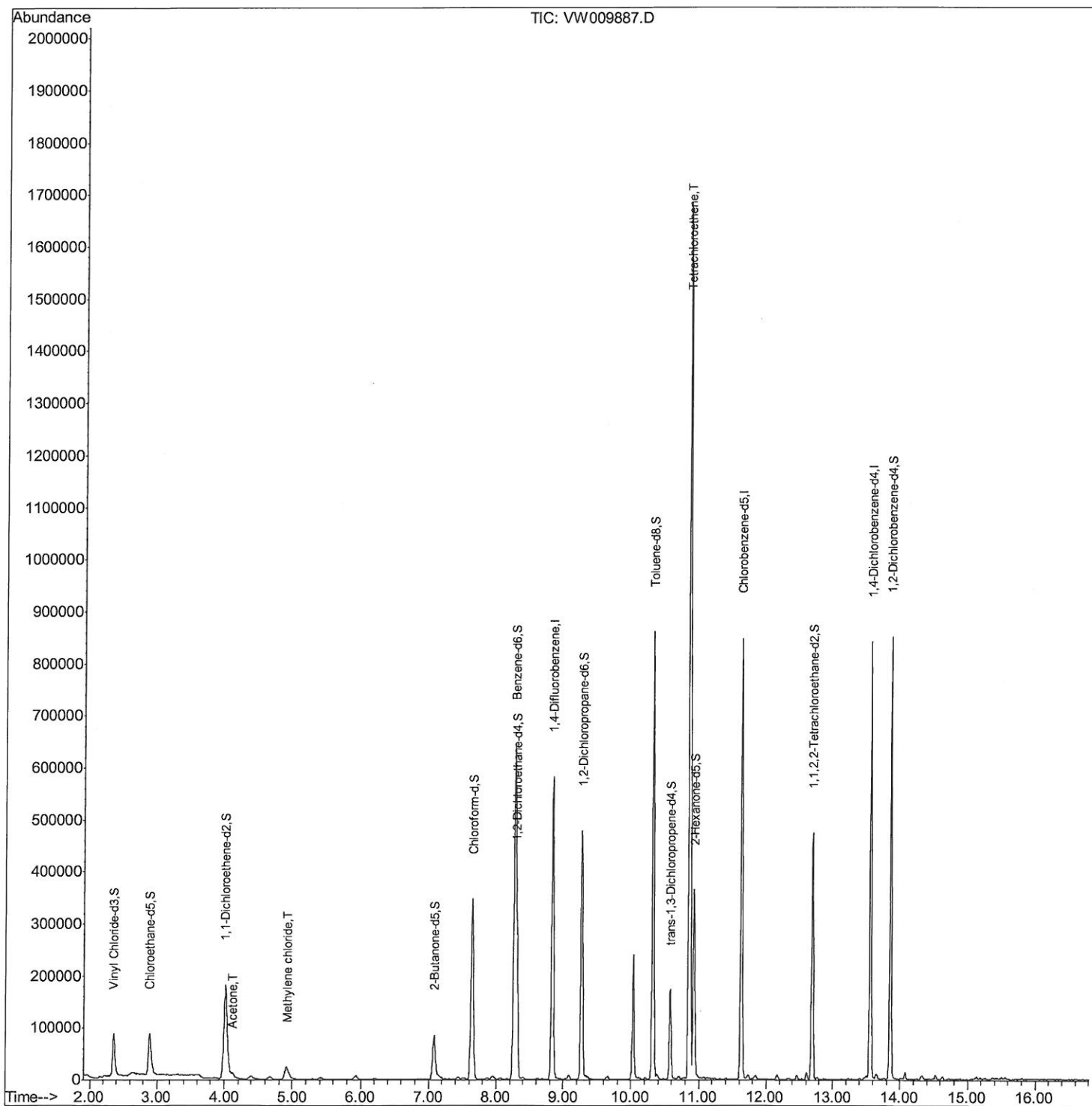
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
Data File : VW009887.D
Acq On : 10 Apr 2019 18:49
Operator : SY/VA
Sample : K2340-10
Misc : 5.85G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF157

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:33:14 AM

Quant Time: Apr 11 05:32:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 03:44:42 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

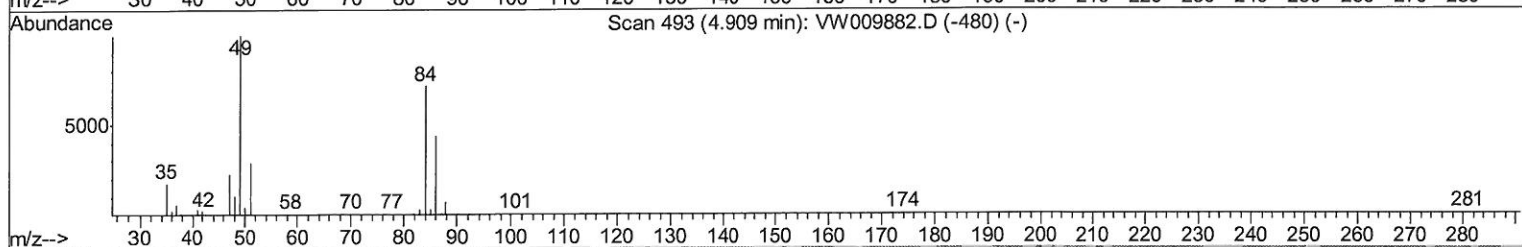
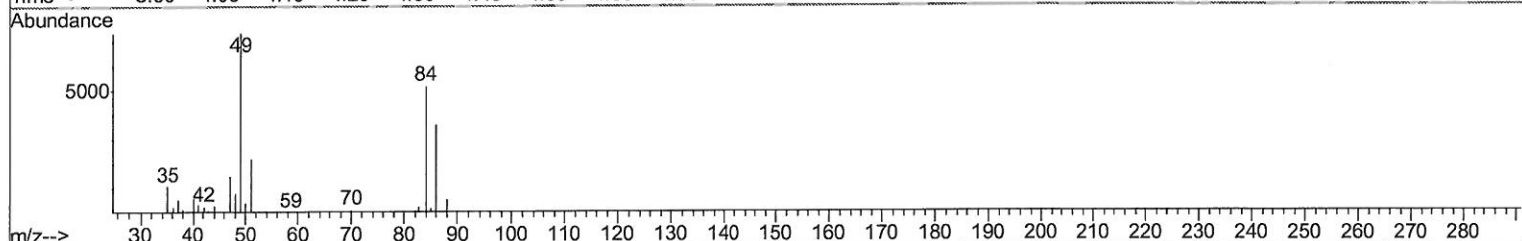
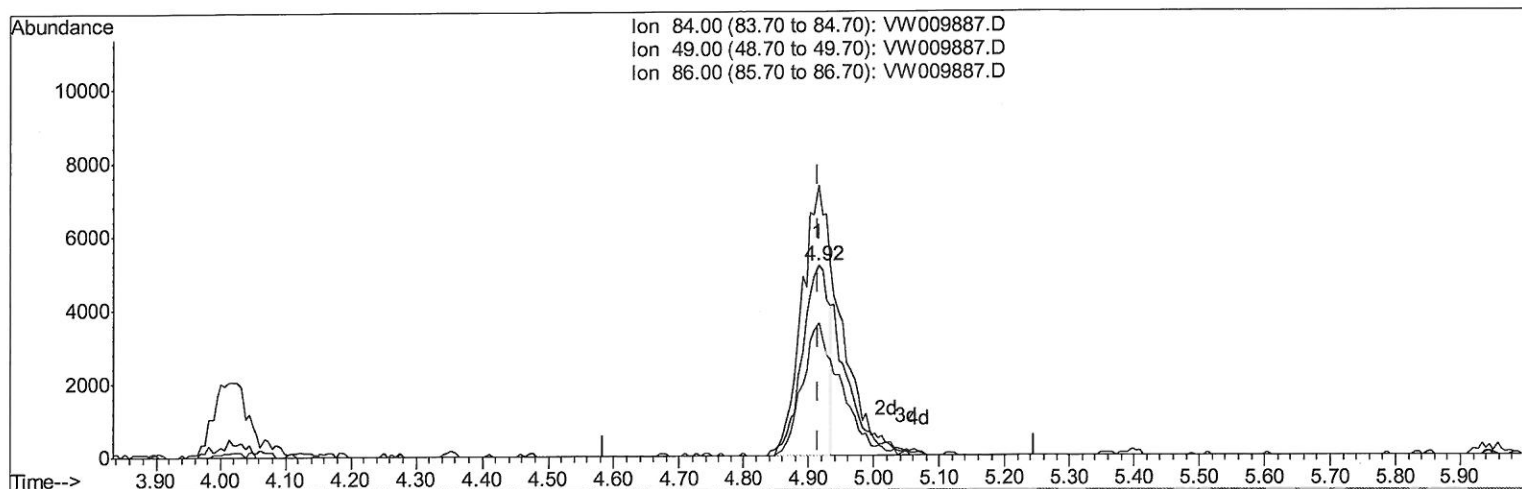
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
Data File : VW009887.D
Acq On : 10 Apr 2019 18:49
Operator : SY/VA
Sample : K2340-10
Misc : 5.85G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF157

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:33:14 AM

Quant Time: Apr 11 03:47:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 03:44:42 2019
Response via : Initial Calibration



TIC: VW009887.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.84ug/L

response 14607

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	141.94
86.00	66.30	69.39
0.00	0.00	0.00

Quantitation Report (Qedit)

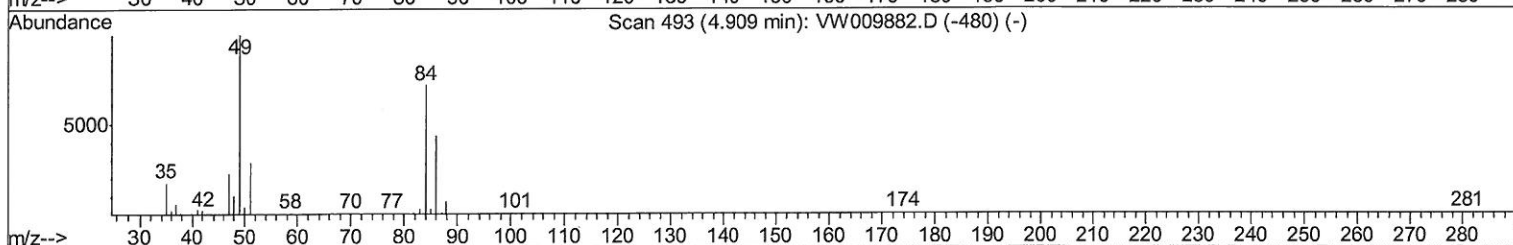
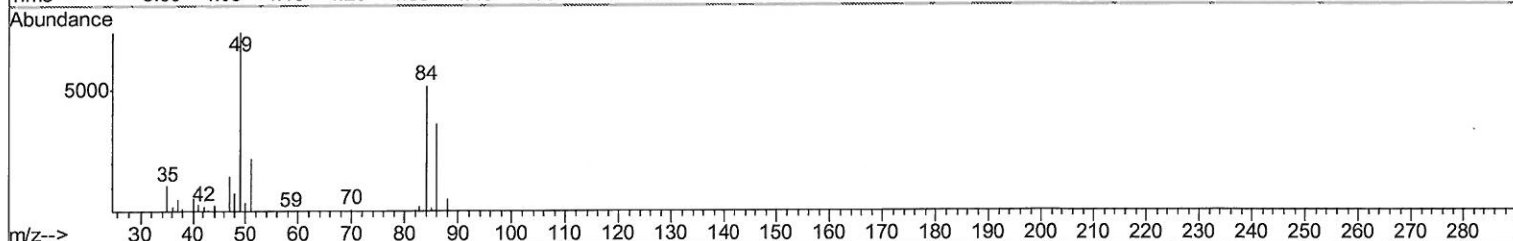
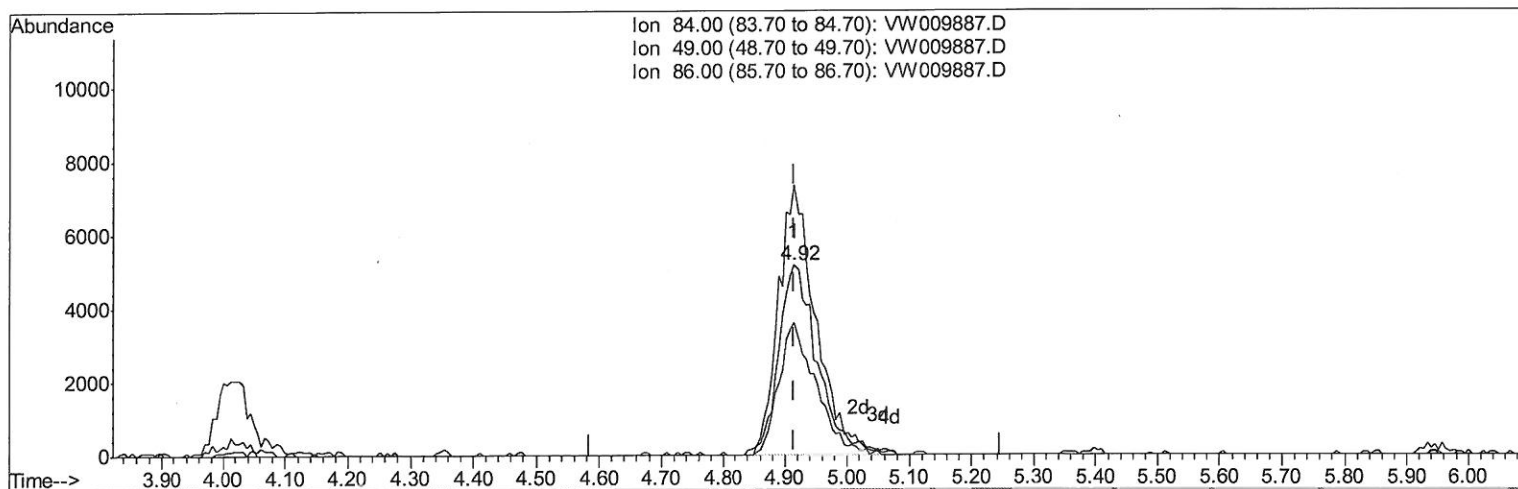
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
Data File : VW009887.D
Acq On : 10 Apr 2019 18:49
Operator : SY/VA
Sample : K2340-10
Misc : 5.85G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF157

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:33:14 AM

Quant Time: Apr 11 03:47:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 03:44:42 2019
Response via : Initial Calibration



TIC: VW009887.D

(16) Methylene chloride (T)

4.915min (+0.000) 2.78ug/L m

response 22090

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	141.94
86.00	66.30	69.39
0.00	0.00	0.00

MD
4/12/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009887.D
 Acq On : 10 Apr 2019 18:49
 Operator : SY/VA
 Sample : K2340-10
 Misc : 5.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF157

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:33:14 AM

Quant Time: Apr 11 05:32:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	449773	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	440828	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201574	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116903	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
7) Chloroethane-d5	2.89	69	112920	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.76%
10) 1,1-Dichloroethene-d2	4.01	63	229598	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.08	46	148529	77.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.44%#
24) Chloroform-d	7.65	84	342982	27.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	8.30	65	225861	29.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.92%
29) Benzene-d6	8.27	84	611297	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	9.27	67	200467	28.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.20%
37) Toluene-d8	10.32	98	523722	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.92%
38) trans-1,3-Dichloropropene-	10.58	79	86524	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.52%
39) 2-Hexanone-d5	10.93	63	101674	75.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.94%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	211318	31.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.20%#
61) 1,2-Dichlorobenzene-d4	13.86	152	210269	29.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.92%

Target Compounds

					Qvalue
13) Acetone	4.12	43	14925	7.289	ug/L 97
16) Methylene chloride	4.92	84	22090m	2.785	ug/L
47) Tetrachloroethene	10.86	164	339792	62.157	ug/L 99

7 MD
 4/13/19

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