

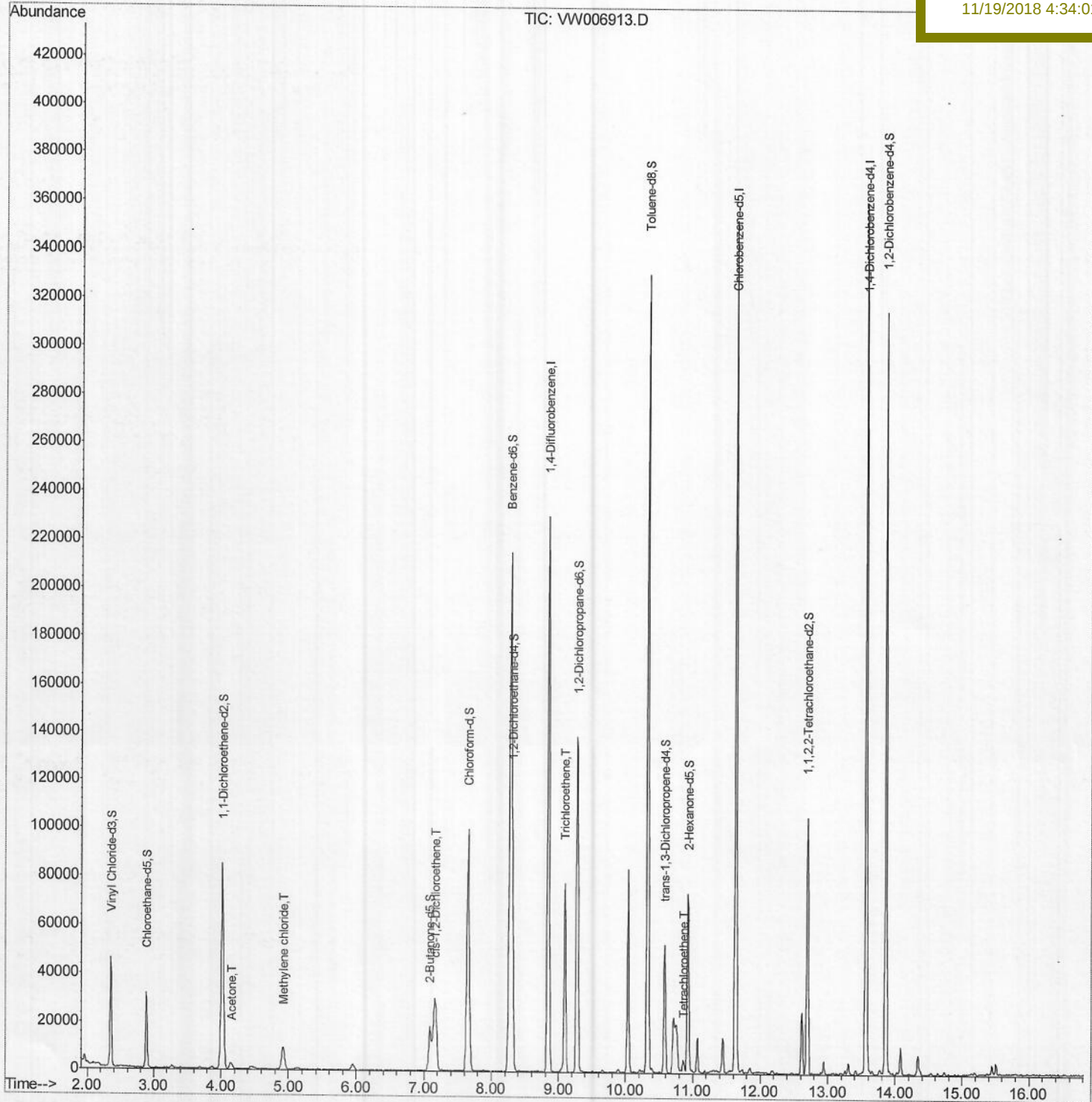
Data File : VW006913.D
Acq On : 16 Nov 2018 12:09
Operator : SY/AP
Sample : J5944-09
Misc : 5.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 19 12:39:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 14:10:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
ETHT1

Manual Integrations
APPROVED

sam
11/19/2018 4:34:01 PM



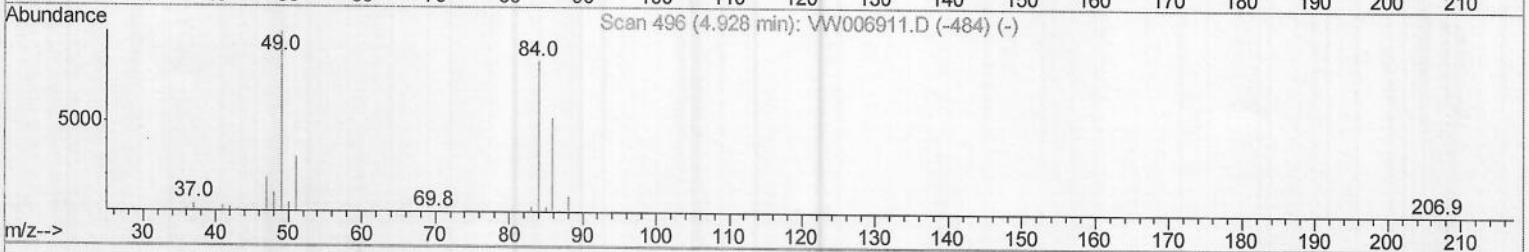
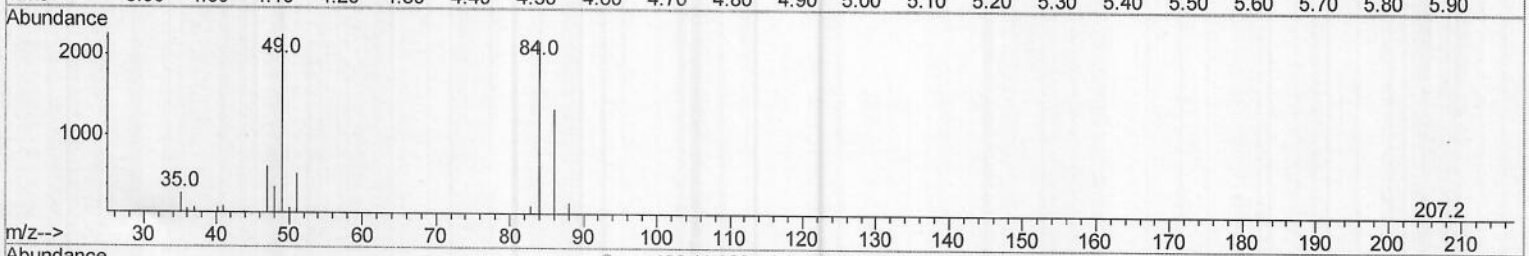
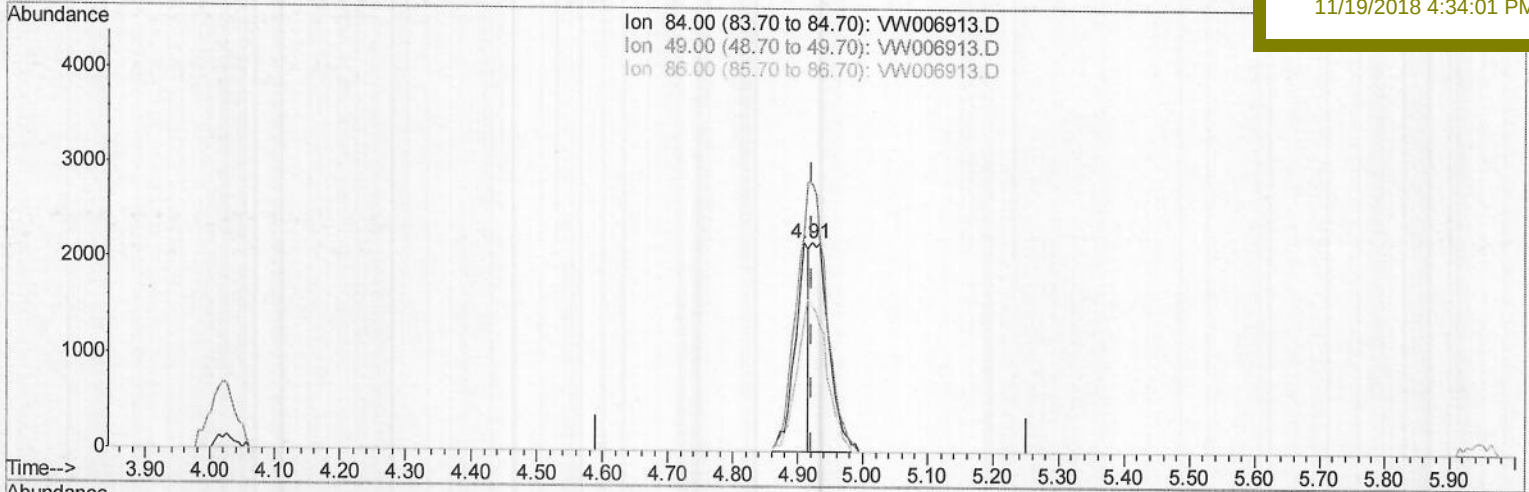
Data File : VW006913.D
Acq On : 16 Nov 2018 12:09
Operator : SY/AP
Sample : J5944-09
Misc : 5.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 16 14:18:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 14:10:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETHT1

Manual Integrations
APPROVED

sam
11/19/2018 4:34:01 PM



TIC: VW006913.D

(16) Methylene chloride (T)

4.909min (-0.012) 0.94ug/L

response 3287

Ion	Exp%	Act%
84.00	100	100
49.00	113.30	103.31
86.00	62.20	61.44
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\
Quantitation Report (Qedit)

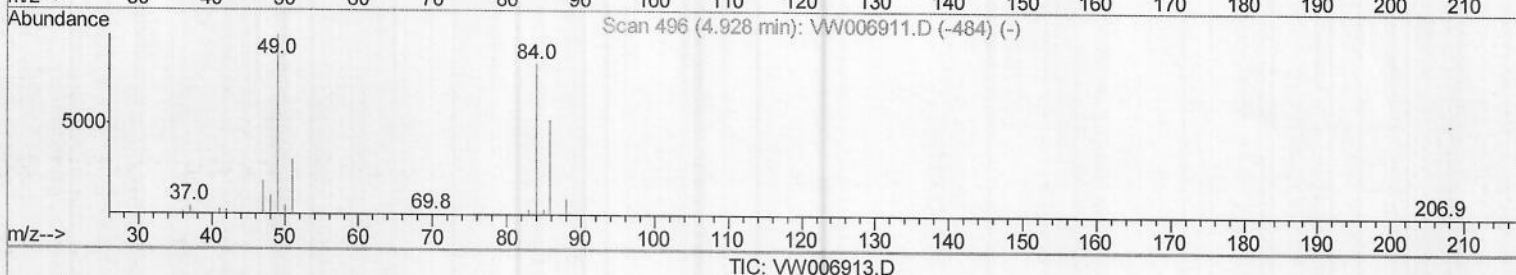
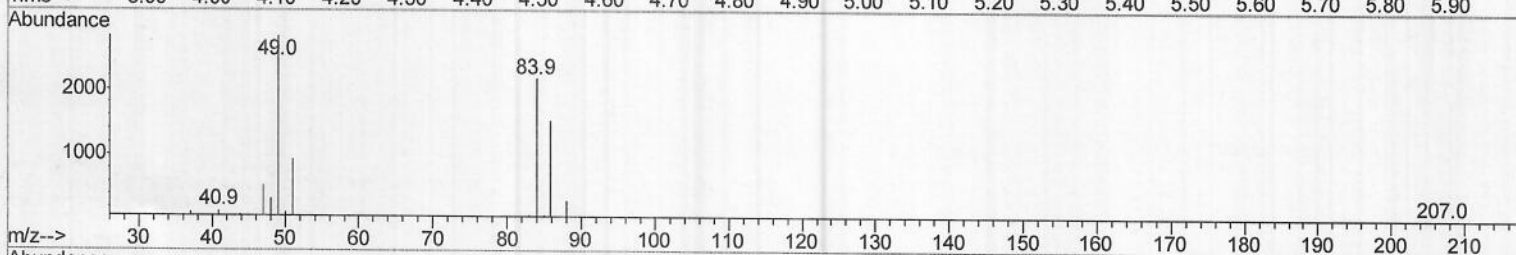
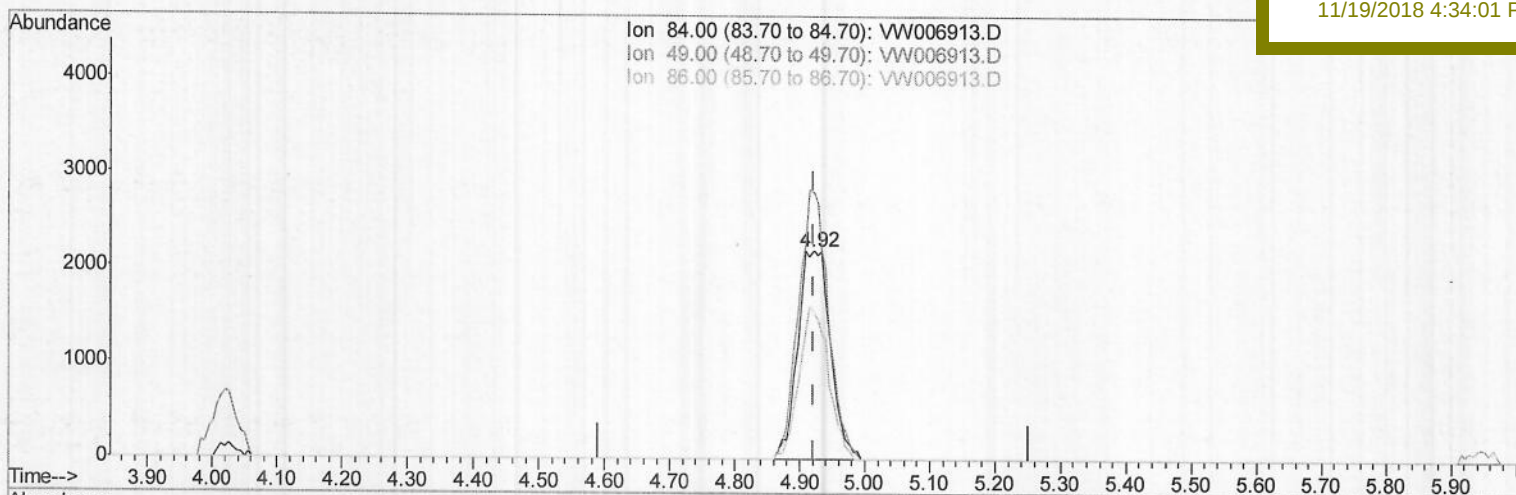
Data File : VW006913.D
Acq On : 16 Nov 2018 12:09
Operator : SY/AP
Sample : J5944-09
Misc : 5.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 16 14:18:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 14:10:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETHT1

Manual Integrations
APPROVED

sam
11/19/2018 4:34:01 PM



(16) Methylene chloride (T)

4.922min (+0.000) 2.19ug/L m

response 7613

Ion	Exp%	Act%
84.00	100	100
49.00	113.30	128.48
86.00	62.20	70.33
0.00	0.00	0.00

> S.Y 11/22/18

Data File : VW006913.D
Acq On : 16 Nov 2018 12:09
Operator : SY/AP
Sample : J5944-09
Misc : 5.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ETHT1

Quant Time: Nov 19 12:39:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 14:10:51 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

sam
11/19/2018 4:34:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	198932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	194517	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	95650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41539	23.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.08%		
7) Chloroethane-d5	2.89	69	31205	24.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.24%		
10) 1,1-Dichloroethene-d2	4.02	63	80781	17.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.48%		
20) 2-Butanone-d5	7.09	46	32275	33.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.32%		
24) Chloroform-d	7.65	84	99979	22.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.80%		
26) 1,2-Dichloroethane-d4	8.31	65	62598	25.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.72%		
29) Benzene-d6	8.28	84	219625	21.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.40%		
33) 1,2-Dichloropropane-d6	9.27	67	66828	21.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.88%		
37) Toluene-d8	10.33	98	226031	21.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.80%		
38) trans-1,3-Dichloropropene-	10.58	79	28698	21.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.84%		
39) 2-Hexanone-d5	10.93	63	25755	33.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.42%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53533	19.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.48%		
61) 1,2-Dichlorobenzene-d4	13.86	152	80315	22.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.68%		

Target Compounds

					Qvalue
13) Acetone	4.15	43	3715	5.925 ug/L	70
16) Methylene chloride	4.92	84	7613m	2.189 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	13323	5.029 ug/L	99
35) Trichloroethene	9.09	95	27551	9.299 ug/L	99
47) Tetrachloroethene	10.86	164	988	0.436 ug/L	93

S.Y 11/22/18

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