Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

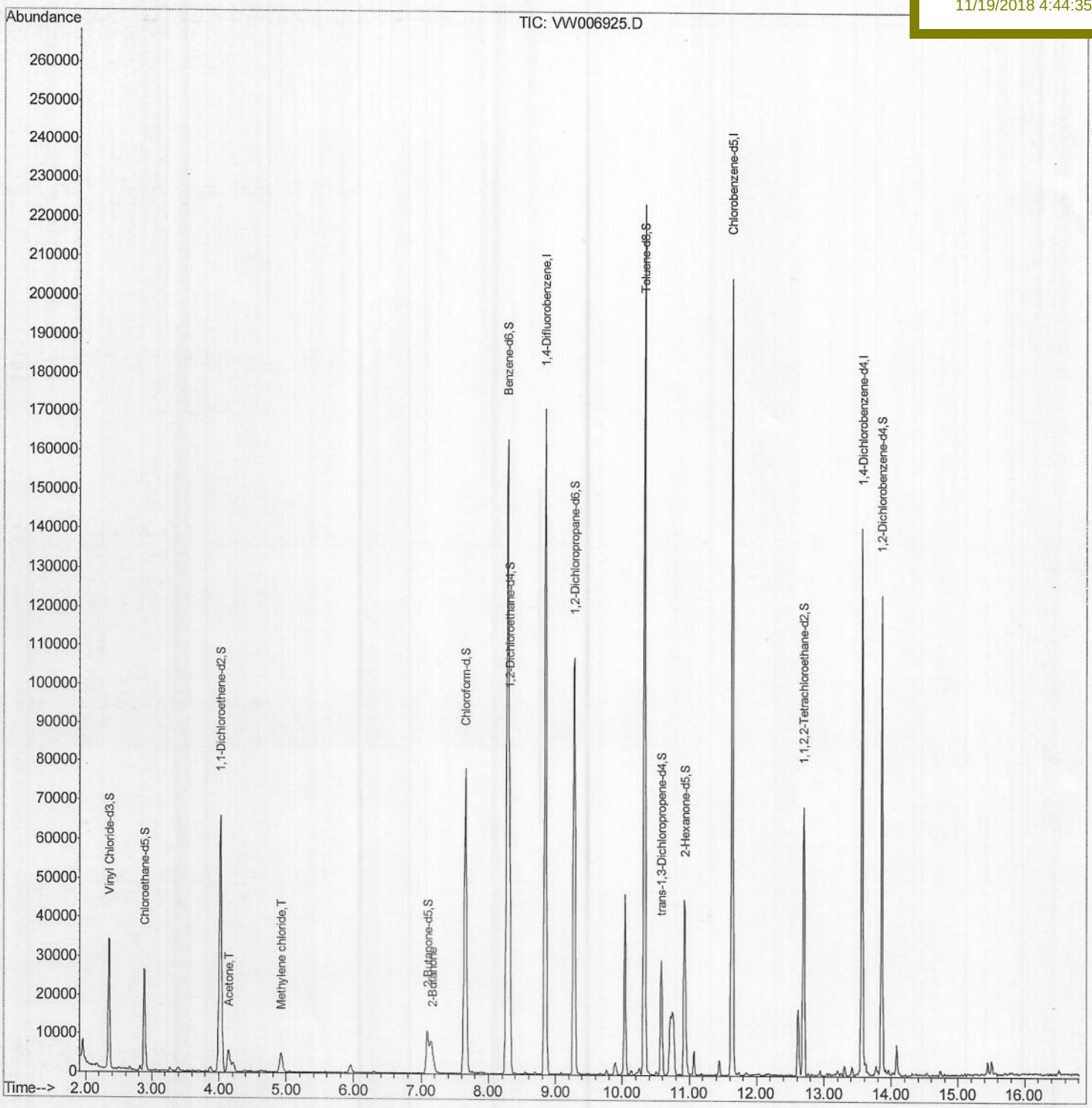
Quantitation Report (QT Reviewed)

Data File : VW006925.D
Acq On : 16 Nov 2018 19:04
Operator : SY/AP
Sample : J5979-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 17 01:49:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETO67

Manual Integrations APPROVED
MMDadoda
11/19/2018 4:44:35 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

Quantitation Report (Qedit)

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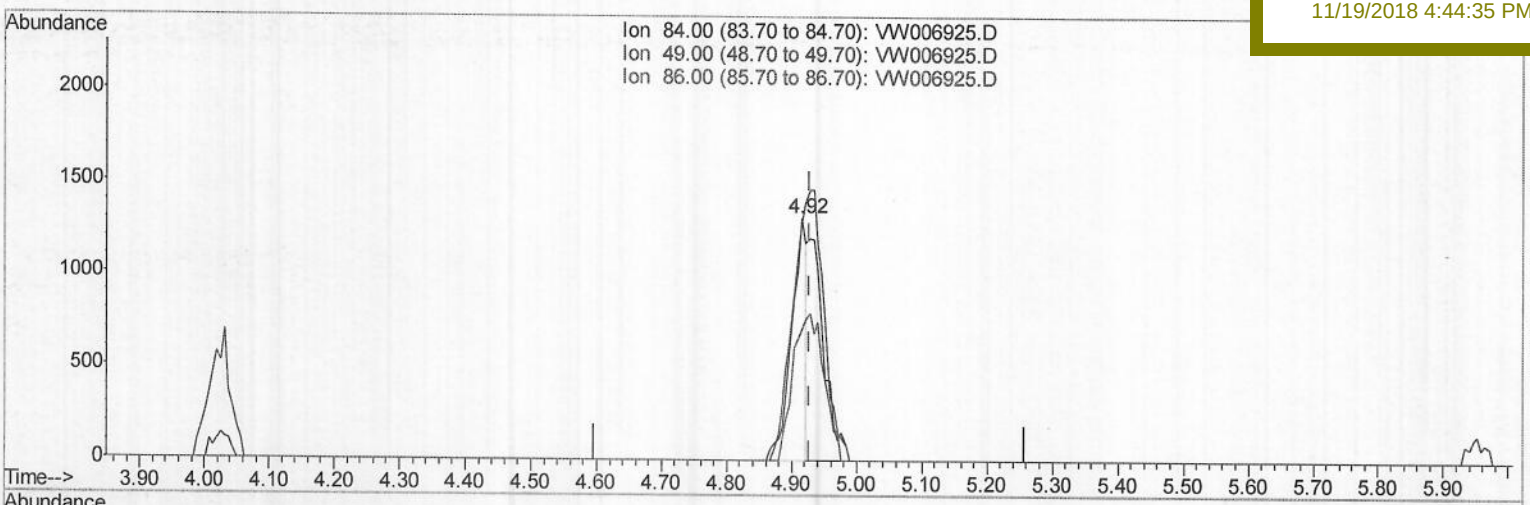

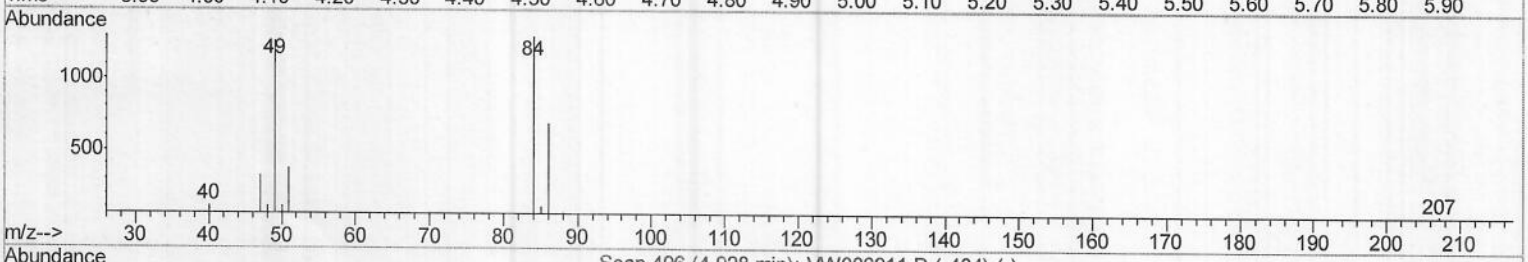

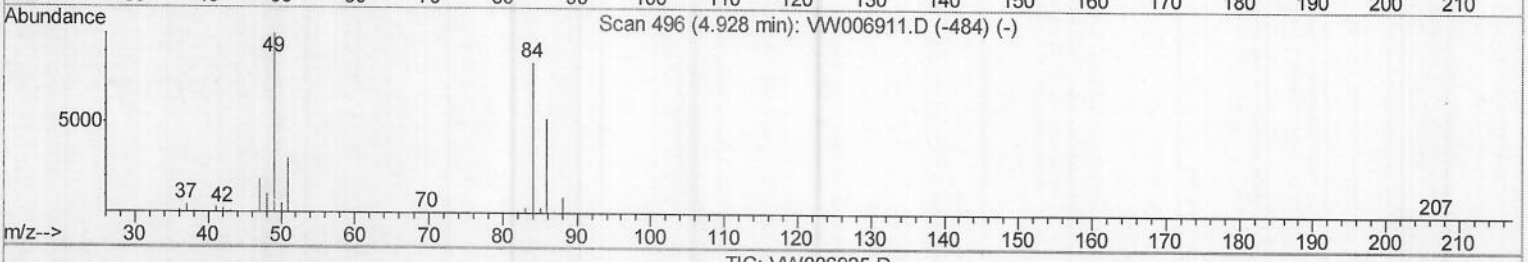

TIC: VW006925.D

(16) Methylene chloride (T)

4.916min (-0.012) 0.83ug/L

response 2088

Ion	Exp%	Act%
84.00	100	100
49.00	113.30	97.40
86.00	62.20	53.29
0.00	0.00	0.00

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Manual Integrations APPROVED
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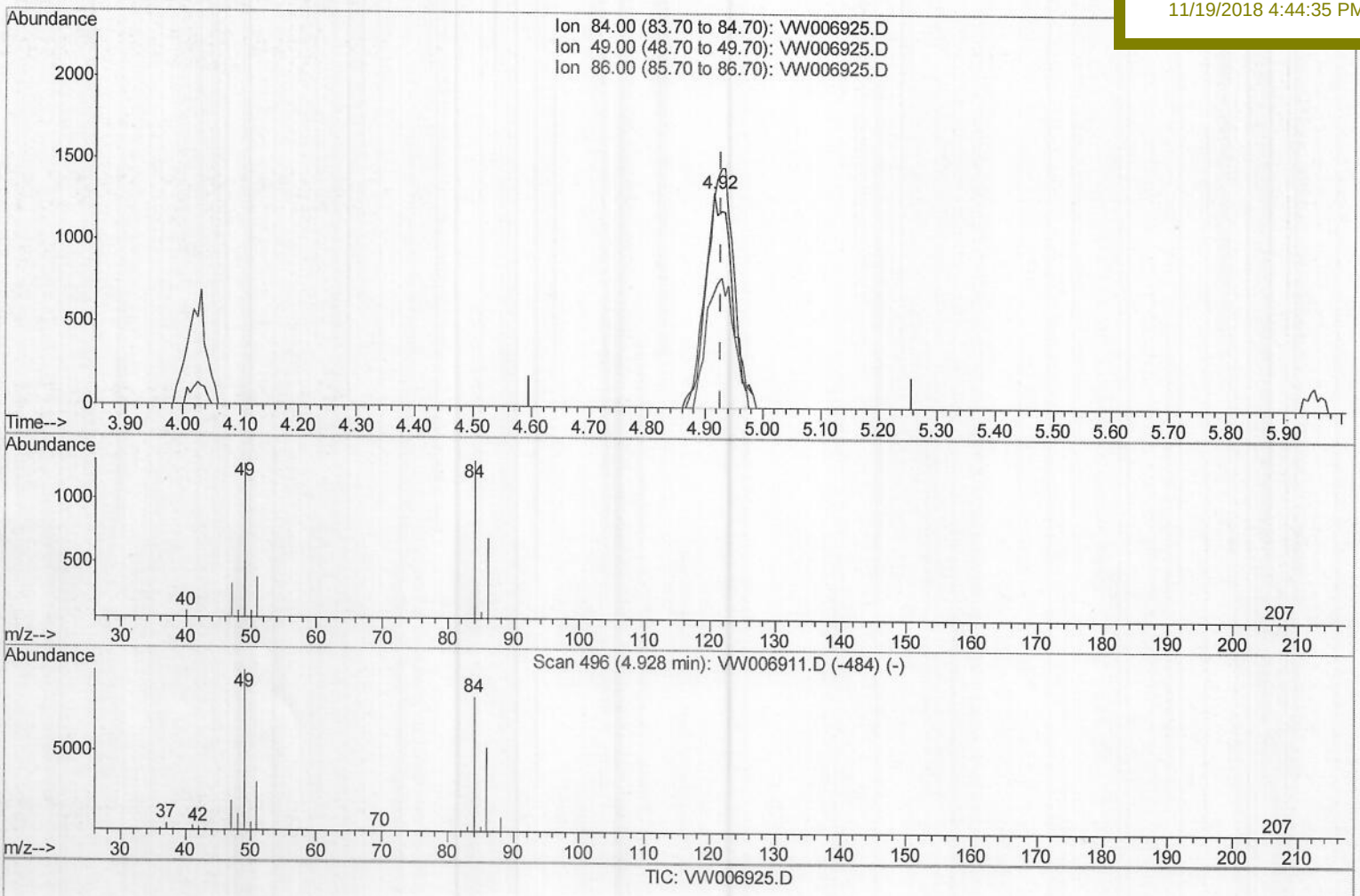
11/19/2018 4:44:35 PM



TIC: VW006925.D

(16) Methylene chloride (T)

4.916min (-0.012) 1.63ug/L m > S.Y 11/22/18

response 4102

Ion	Exp%	Act%
84.00	100	100
49.00	113.30	97.40
86.00	62.20	53.29
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

Quantitation Report (Qedit)

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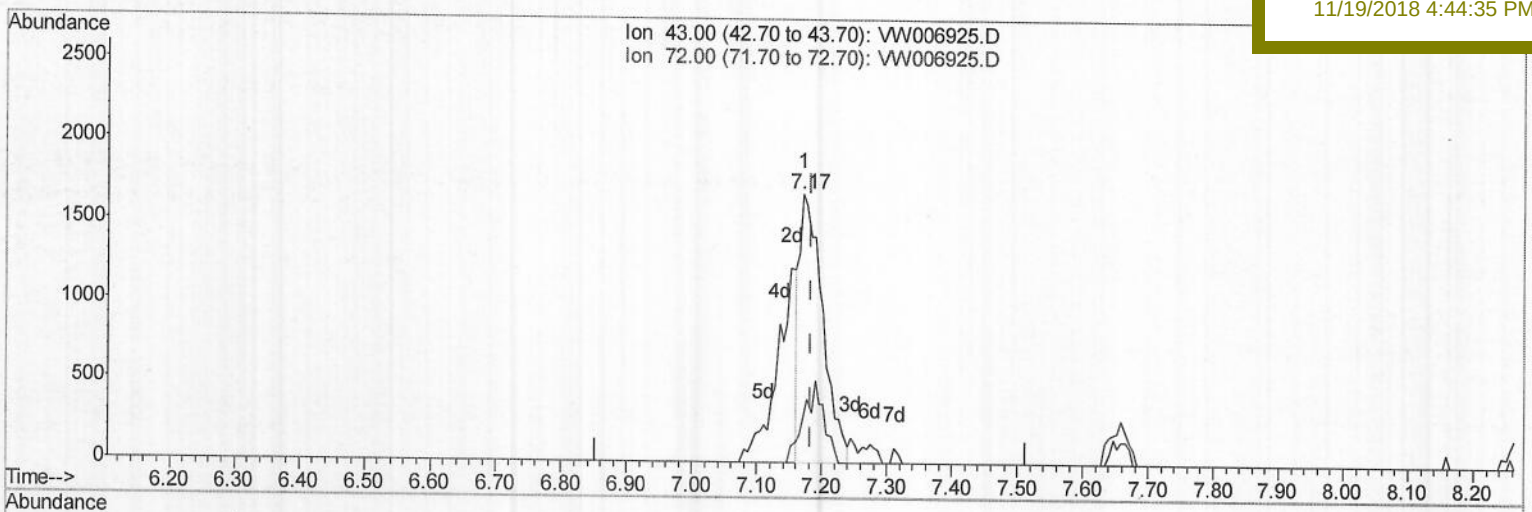
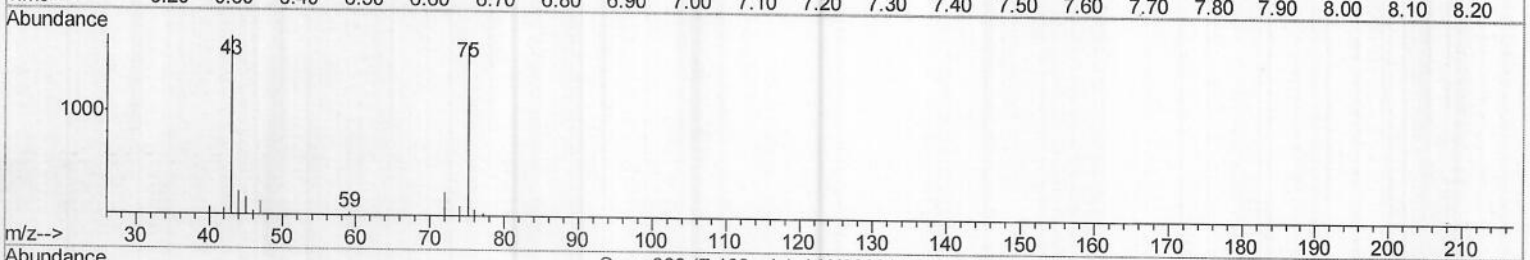
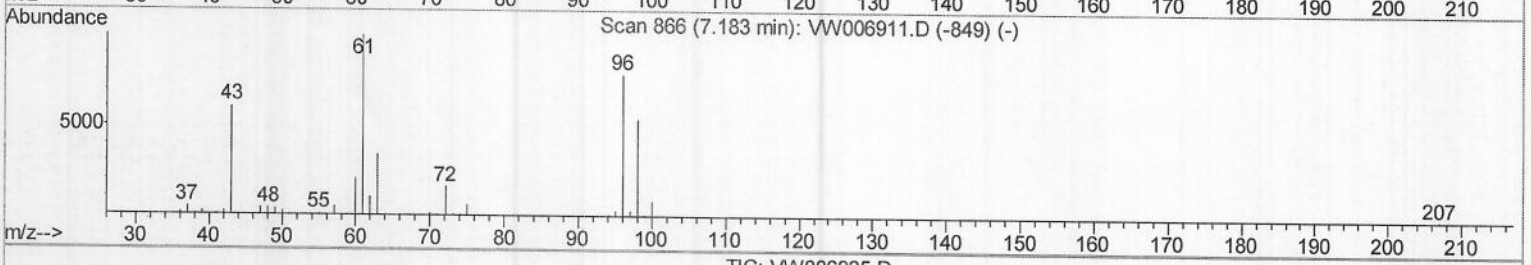
Instrument :
MSVOA_W
ClientSampleId :
ETO67

Manual Integrations APPROVED
MMDadoda
11/19/2018 4:44:35 PM







TIC: VW006925.D

(21) 2-Butanone

7.171min (-0.012) 5.29ug/L

response 4144

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	12.02#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

Quantitation Report (Qedit)

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ALS Vial : 1 Sample Multiplier: 1

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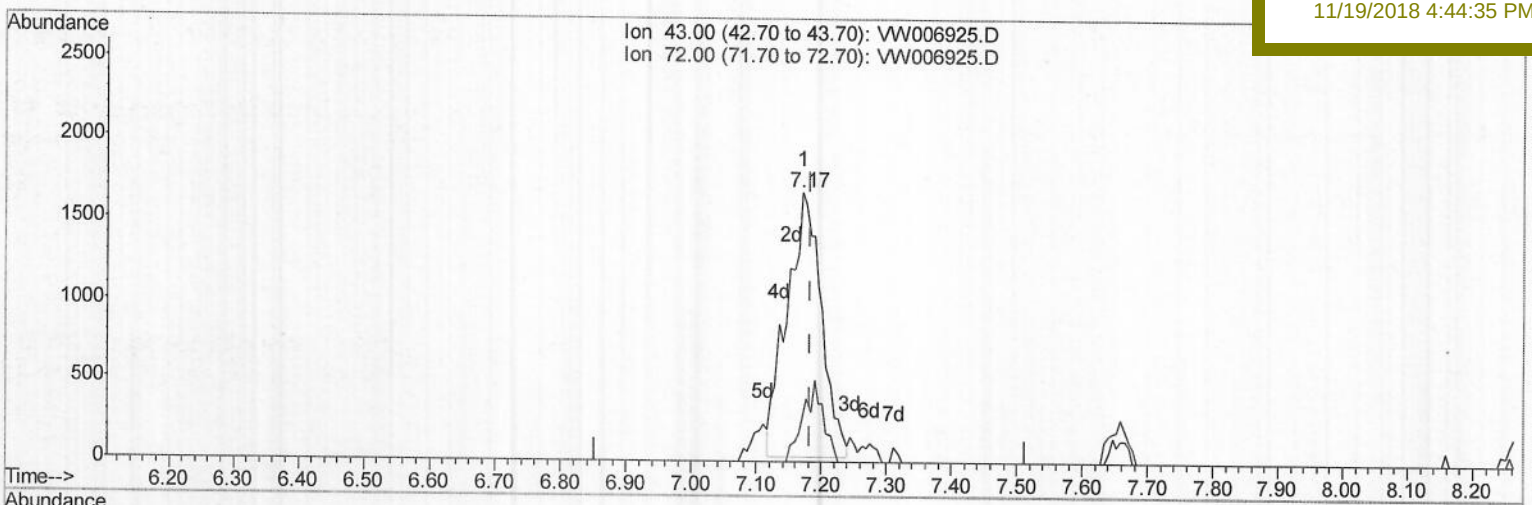
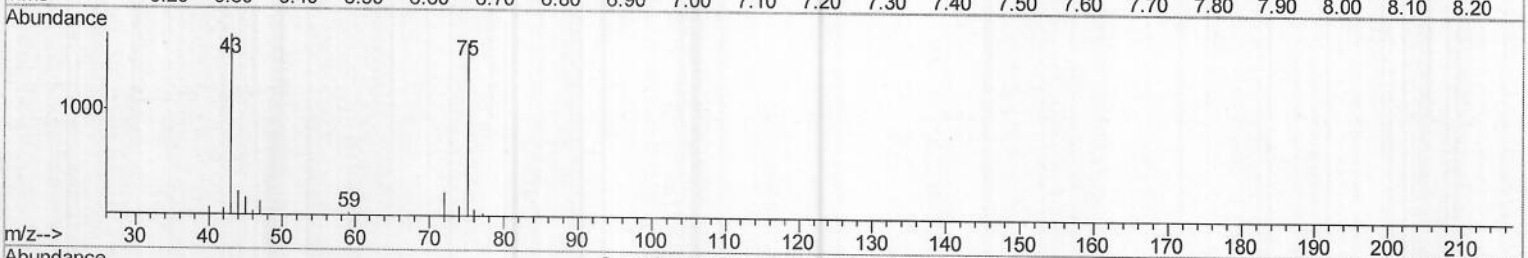
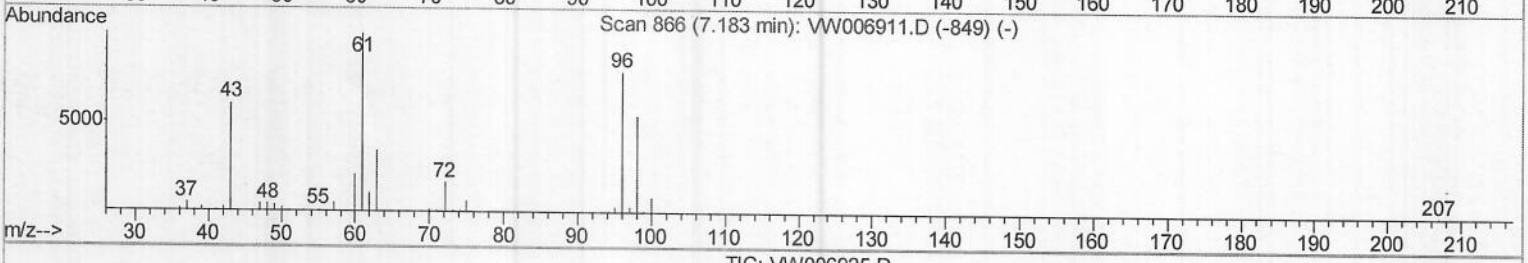
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETO67

Manual Integrations APPROVED
MMDadoda
11/19/2018 4:44:35 PM







TIC: VW006925.D

(21) 2-Butanone

7.171min (-0.012) 7.68ug/L m >S.Y 11/22/18

response 6021

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	8.27#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

Quantitation Report (QT Reviewed)

Data File : VW006925.D
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Operator : SY/AP
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : ETO67

Manual Integrations APPROVED
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11/19/2018 4:44:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	144148	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	115393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	36360	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	32692	25.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.16%			
7) Chloroethane-d5	2.89	69	26241	28.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.88%			
10) 1,1-Dichloroethene-d2	4.03	63	63344	18.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.12%			
20) 2-Butanone-d5	7.09	46	18769	26.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 53.22%			
24) Chloroform-d	7.65	84	80560	25.24	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.96%			
26) 1,2-Dichloroethane-d4	8.31	65	48470	26.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.64%			
29) Benzene-d6	8.28	84	164132	27.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.84%			
33) 1,2-Dichloropropane-d6	9.28	67	51115	27.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.72%			
37) Toluene-d8	10.33	98	152886	24.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.00%			
38) trans-1,3-Dichloropropene-	10.58	79	16488	20.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.16%			
39) 2-Hexanone-d5	10.93	63	14941	32.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.96%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34488	21.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.32%			
61) 1,2-Dichlorobenzene-d4	13.86	152	31288	22.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.88%			

Target Compounds						Qvalue
13) Acetone	4.14	43	9629	21.192	ug/L	72
16) Methylene chloride	4.92	84	4102m	1.627	ug/L	
21) 2-Butanone	7.17	43	6021m	7.680	ug/L	

S.Y 11/22/18

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