Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

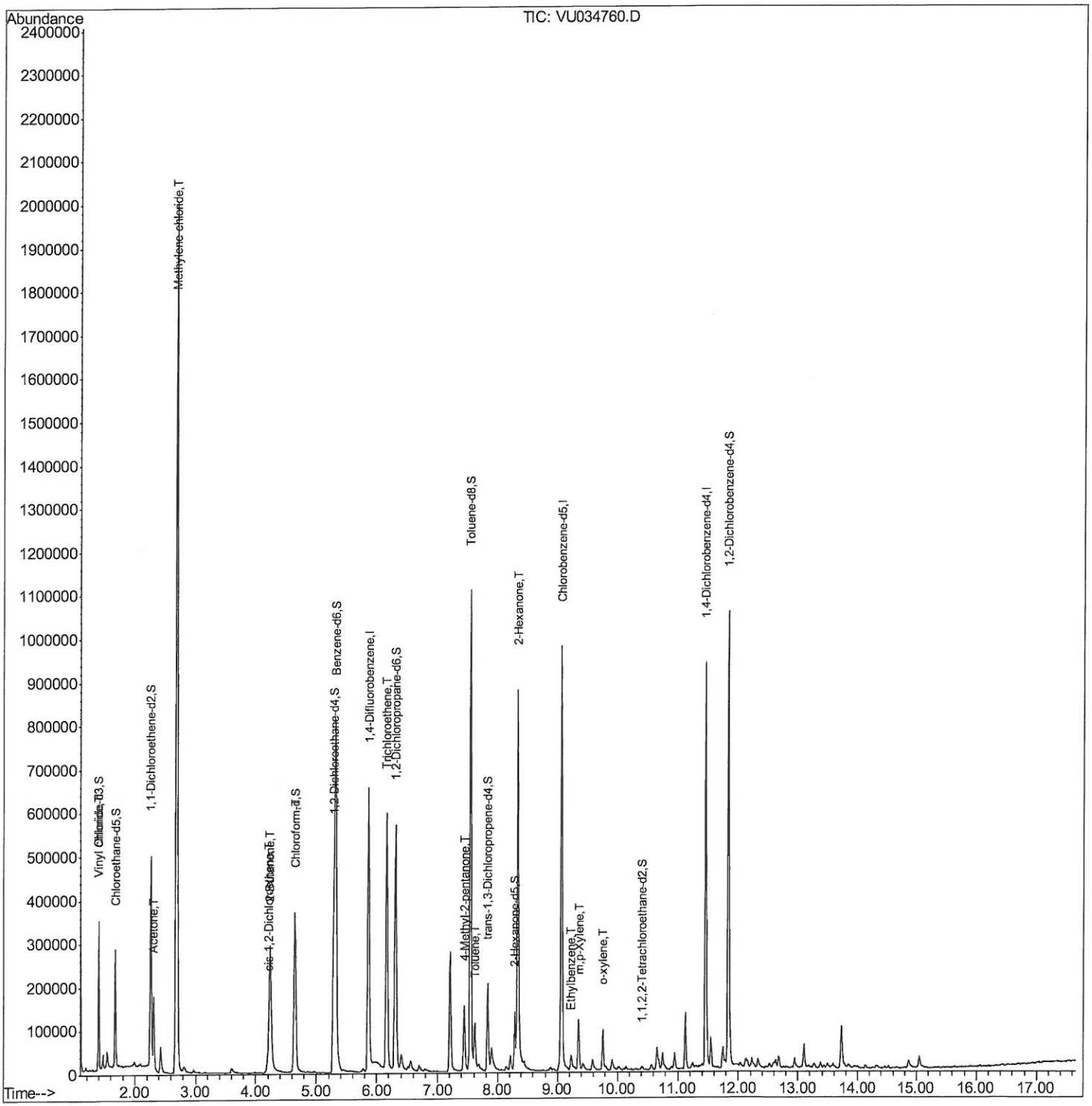
Quantitation Report (QT Reviewed)

Data File : VU034760.D
Acq On : 24 Sep 2019 02:00
Operator : JC/SP
Sample : K4932-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 24 06:32:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDE8

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:48:46 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

Quantitation Report (Qedit)

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Acq On : 24 Sep 2019 02:00
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Quant Time: Sep 24 03:44:28 2019
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Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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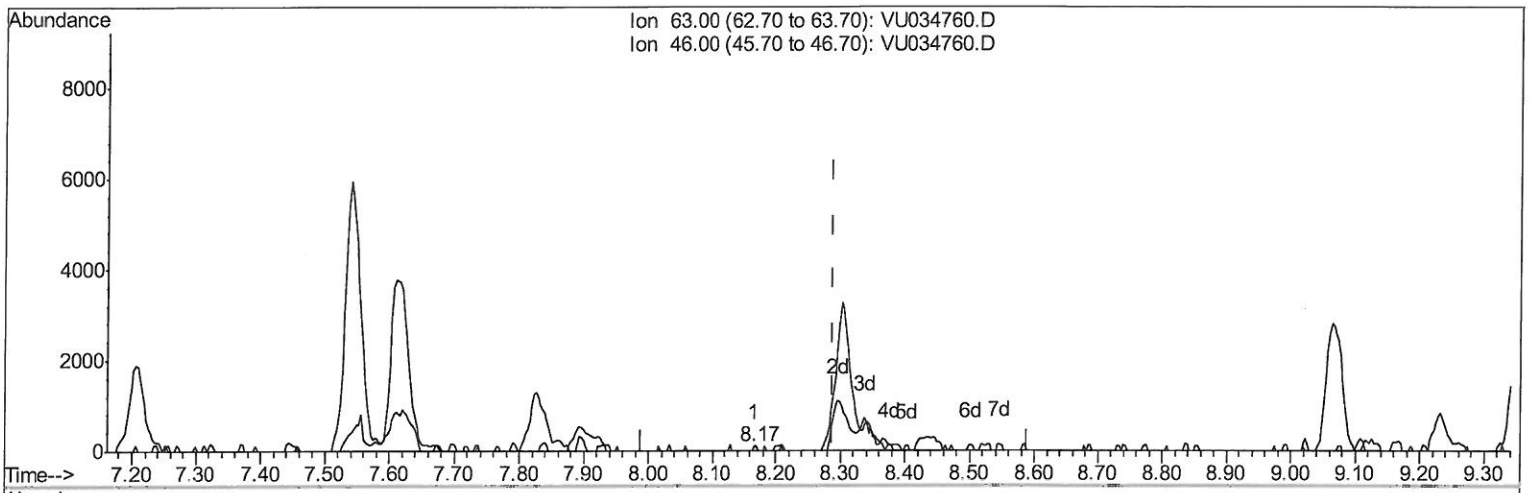
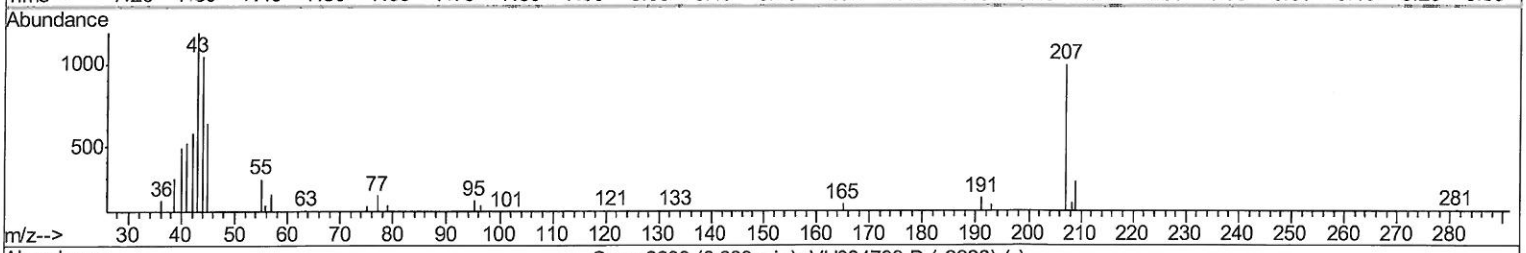
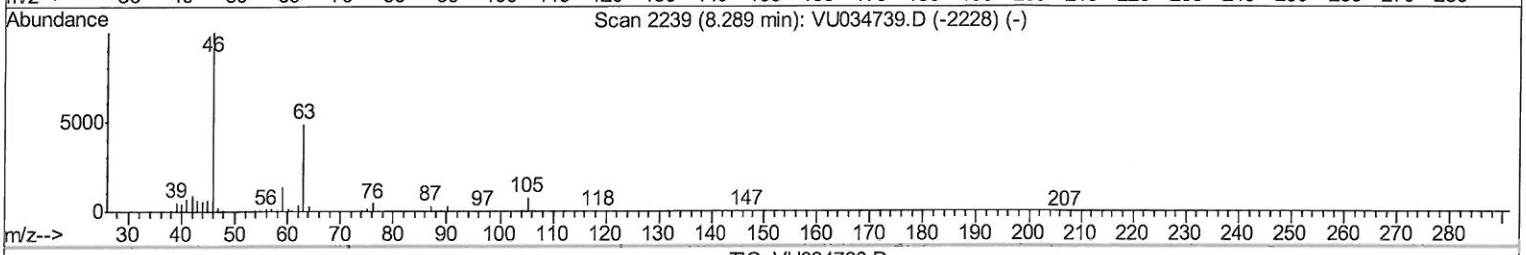
9/24/2019 12:48:46 PM







TIC: VU034760.D

(47) 2-Hexanone-d5 (S)

8.167min (-0.122) 0.02ug/L

response 41

Ion	Exp%	Act%
63.00	100	100
46.00	208.90	151.22
0.00	0.00	0.00
0.00	0.00	0.00

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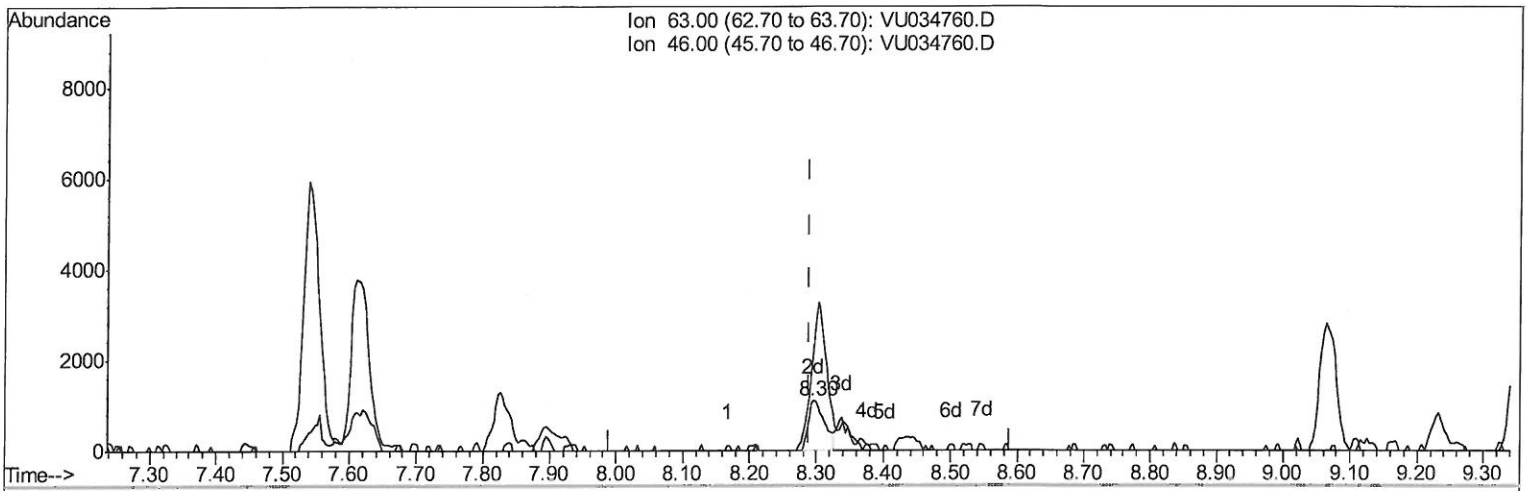
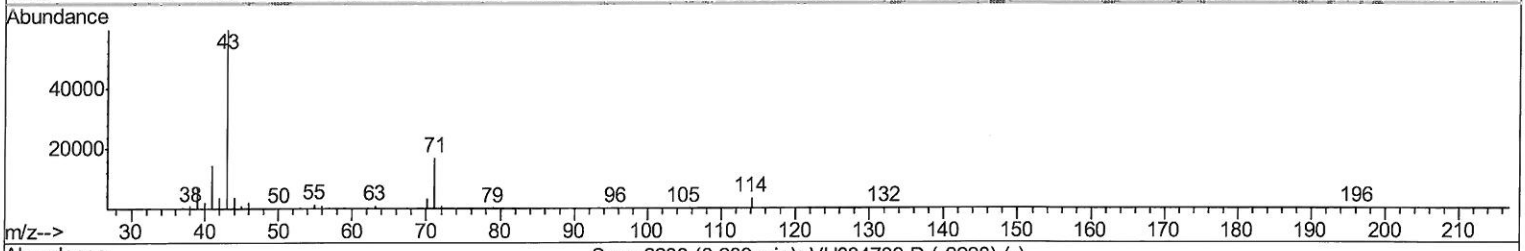
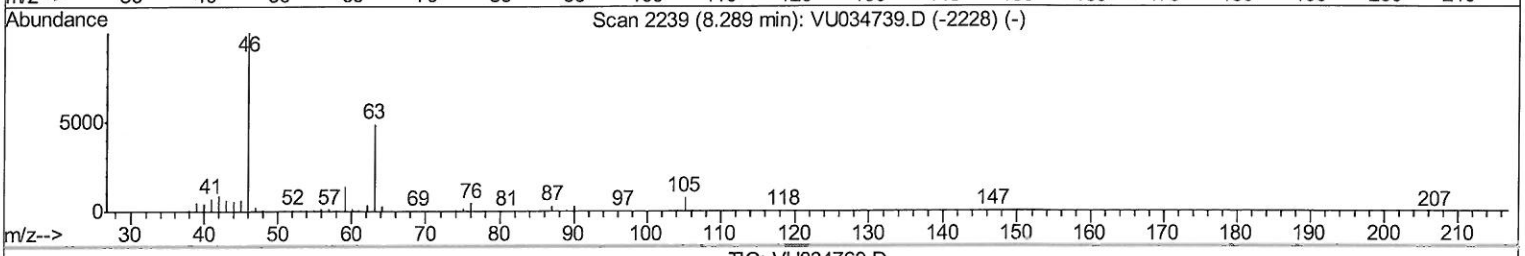
Manual Integrations APPROVED
MMDadoda
9/24/2019 12:48:46 PM







TIC: VU034760.D

(47) 2-Hexanone-d5 (S)

8.296min (+0.006) 0.72ug/L m

response 1851

Ion	Exp%	Act%
63.00	100	100
46.00	208.90	3.35#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
MMDadoda
9/24/2019 12:48:46 PM

Quant Time: Sep 24 06:32:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	498272	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	472400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	219154	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	205667	40.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.64%			
7) Chloroethane-d5	1.67	69	168767	42.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.62%			
11) 1,1-Dichloroethene-d2	2.26	63	285818	33.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.18%			
21) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount 100.000	Range 40 - 130		Recovery = 0.00%#			
24) Chloroform-d	4.65	84	15502	2.09	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 4.18%#			
26) 1,2-Dichloroethane-d4	5.29	65	269063	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.72%			
32) Benzene-d6	5.32	84	733258	50.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.16%			
36) 1,2-Dichloropropane-d6	6.31	67	257976	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.82%			
41) Toluene-d8	7.54	98	697231	50.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.10%			
43) trans-1,3-Dichloropropene-	7.83	79	108015	44.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.14%			
47) 2-Hexanone-d5	8.30	63	1851m	0.72	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 0.72%#			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	2401	0.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 0.68%#			
64) 1,2-Dichlorobenzene-d4	11.84	152	242445	52.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.52%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	6505	1.158	ug/L #	39
13) Acetone	2.31	43	186797	41.075	ug/L	100
16) Methylene chloride	2.68	84	754130	182.620	ug/L	98
20) cis-1,2-Dichloroethene	4.21	96	16946	4.066	ug/L	76
22) 2-Butanone	4.23	43	482524	89.186	ug/L	100
25) Chloroform	4.65	83	325393	40.413	ug/L	100
34) Trichloroethene	6.16	95	193531	47.829	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	111380	11.958	ug/L	97
42) Toluene	7.62	91	72249	4.080	ug/L	95
48) 2-Hexanone	8.34	43	638703	87.801	ug/L	99
52) Ethylbenzene	9.23	91	24154	1.211	ug/L	99
53) m,p-Xylene	9.35	106	32083	4.543	ug/L	97
54) o-xylene	9.76	106	22639	3.241	ug/L	95

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

MD 10/04/19.