Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100419\

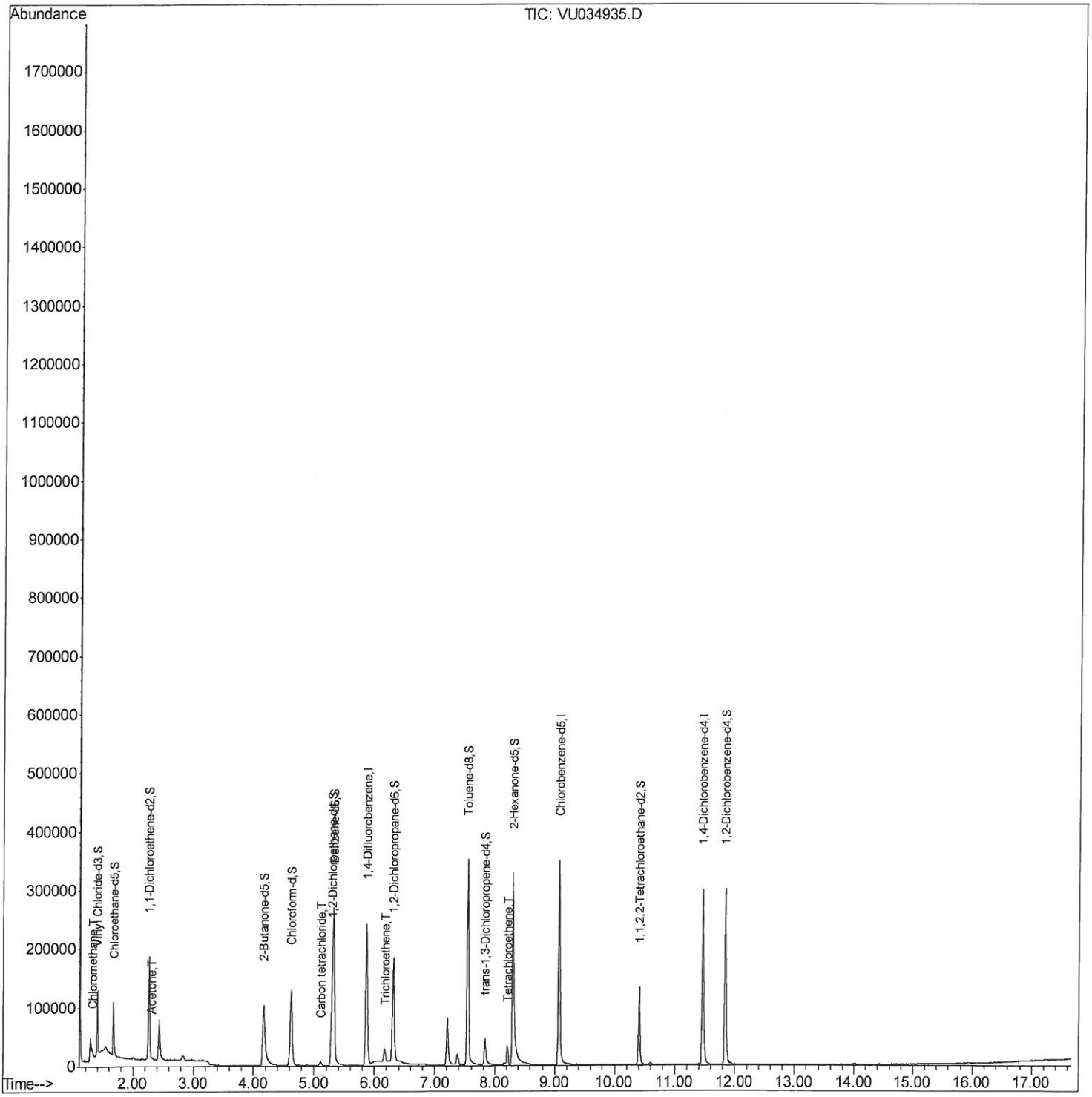
Quantitation Report (QT Reviewed)

Data File : VU034935.D
Acq On : 04 Oct 2019 15:12
Operator : JC/SP
Sample : K5196-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 01:54:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0K03

Manual Integrations APPROVED
MMDadoda
10/7/2019 12:06:09 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100419\

Quantitation Report (Qedit)

Data File : VU034935.D
Acq On : 04 Oct 2019 15:12
Operator : JC/SP
Sample : K5196-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 00:33:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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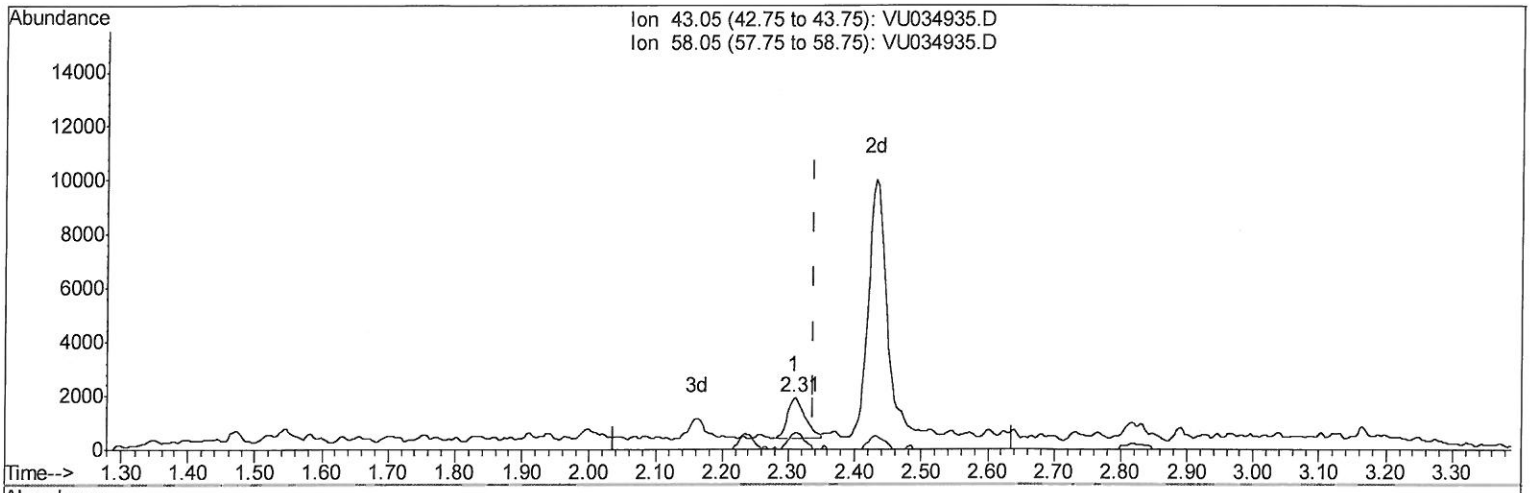
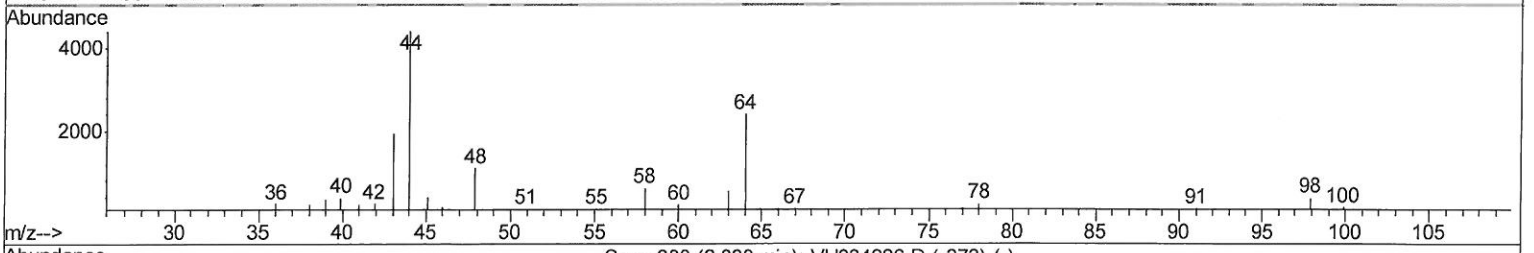
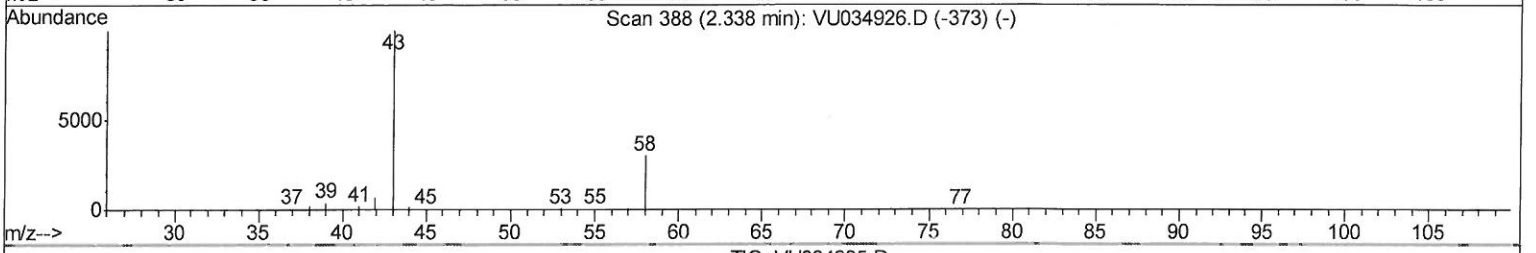
Manual Integrations APPROVED
MMDadoda
10/7/2019 12:06:09 PM







TIC: VU034935.D

(13) Acetone (T)

2.309min (-0.029) 0.92ug/L

response 2813

Ion	Exp%	Act%
43.05	100	100
58.05	27.00	36.33
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100419\

Quantitation Report (Qedit)

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Operator : JC/SP
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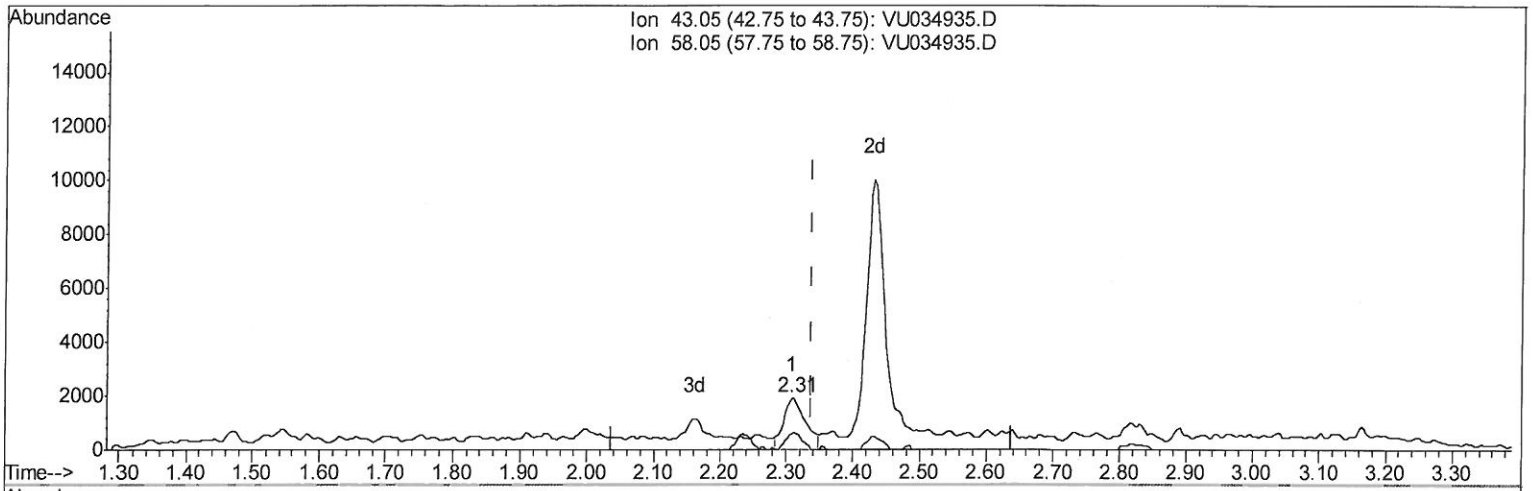
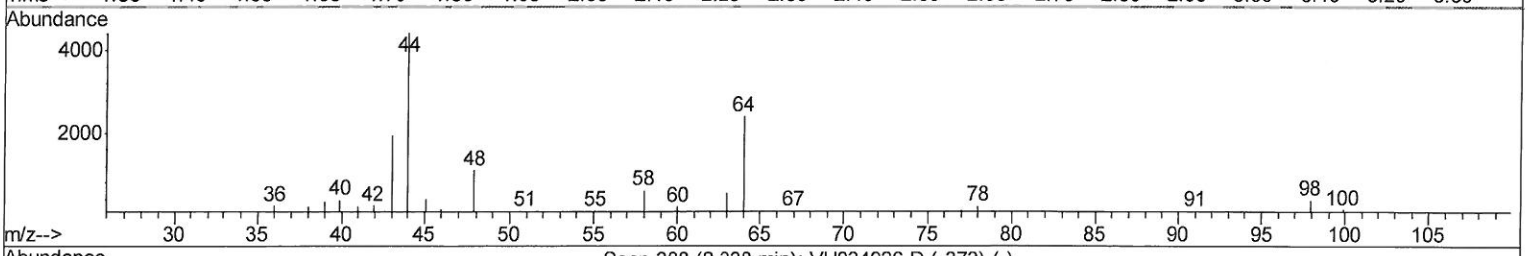
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

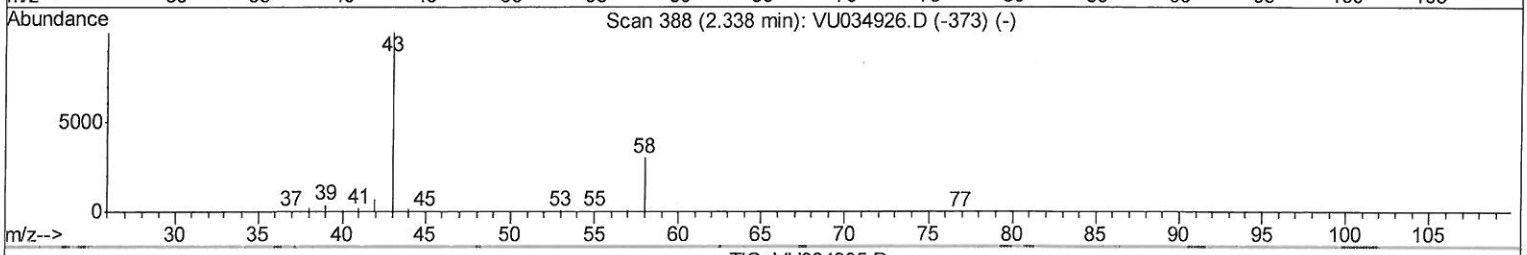
Quant Time: Oct 05 00:33:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0K03

Manual Integrations APPROVED
MMDadoda
10/7/2019 12:06:09 PM







TIC: VU034935.D

(13) Acetone (T)

2.309min (-0.029) 1.42ug/L m

response 4352

Ion	Exp%	Act%
43.05	100	100
58.05	27.00	23.48
0.00	0.00	0.00
0.00	0.00	0.00

7 MD 10/15/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100419\

Quantitation Report (QT Reviewed)

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Acq On : 04 Oct 2019 15:12
Operator : JC/SP
Sample : K5196-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 01:54:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : C0K03

Manual Integrations APPROVED
MMDadoda
10/7/2019 12:06:09 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	207424	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	204396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	89566	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	75203	5.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.40%			
7) Chloroethane-d5	1.67	69	63296	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.60%			
11) 1,1-Dichloroethene-d2	2.26	63	103380	4.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.00%			
20) 2-Butanone-d5	4.17	46	189426	45.31	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.62%			
24) Chloroform-d	4.62	84	128613	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.29	65	72542	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.31	84	265432	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
36) 1,2-Dichloropropane-d6	6.31	67	88829	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.60%			
41) Toluene-d8	7.54	98	242612	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
43) trans-1,3-Dichloropropene-	7.83	79	29158	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.30	63	148048	48.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.88%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	69668	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	85393	5.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.00%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1739	0.174	ug/L	93
13) Acetone	2.31	43	4352m	1.422	ug/L	
31) Carbon tetrachloride	5.11	117	4756	0.327	ug/L	92
34) Trichloroethene	6.17	95	7700	0.709	ug/L	92
47) Tetrachloroethene	8.21	164	6964	0.968	ug/L	95

JMD 10/15/19

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