Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070219\

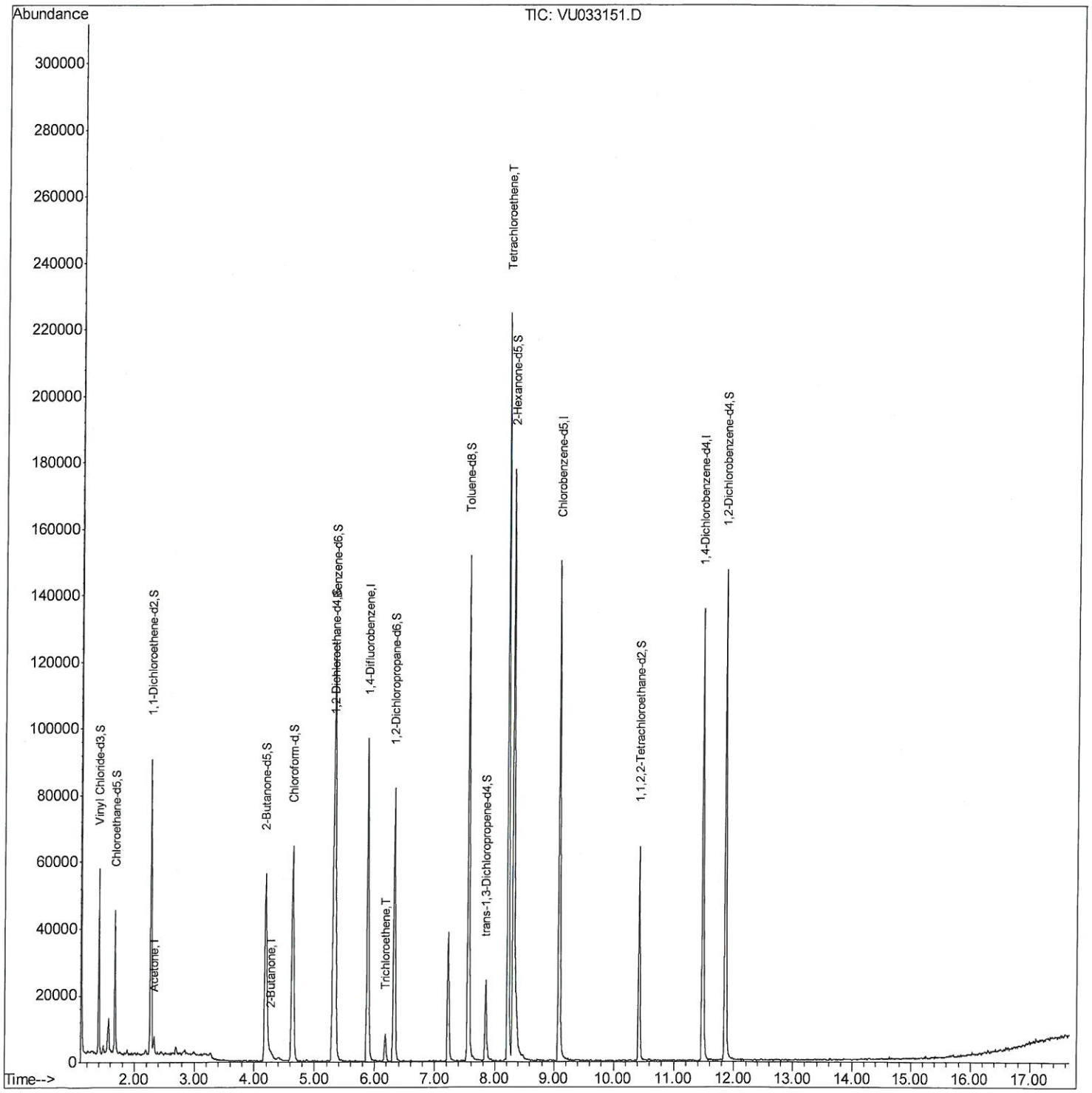
Quantitation Report (QT Reviewed)

Data File : VU033151.D
Acq On : 02 Jul 2019 19:23
Operator : JC/SP
Sample : K3598-01DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 03 04:01:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAM79DL

Manual Integrations APPROVED
MMDadoda
7/3/2019 11:35:01 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070219\

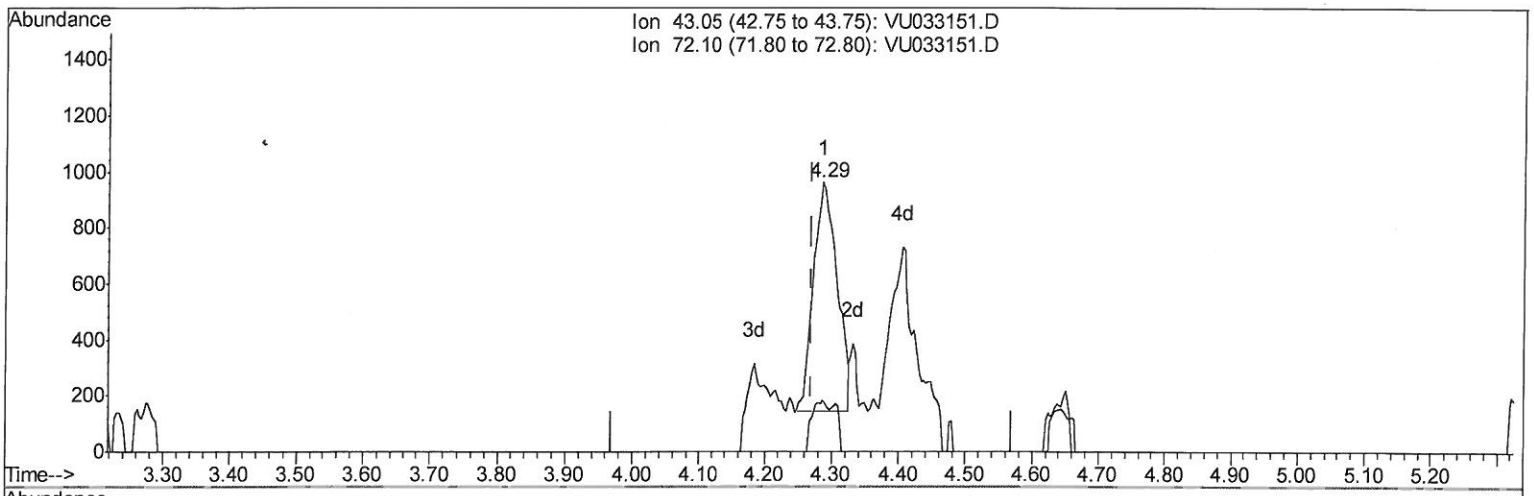
Quantitation Report (Qedit)

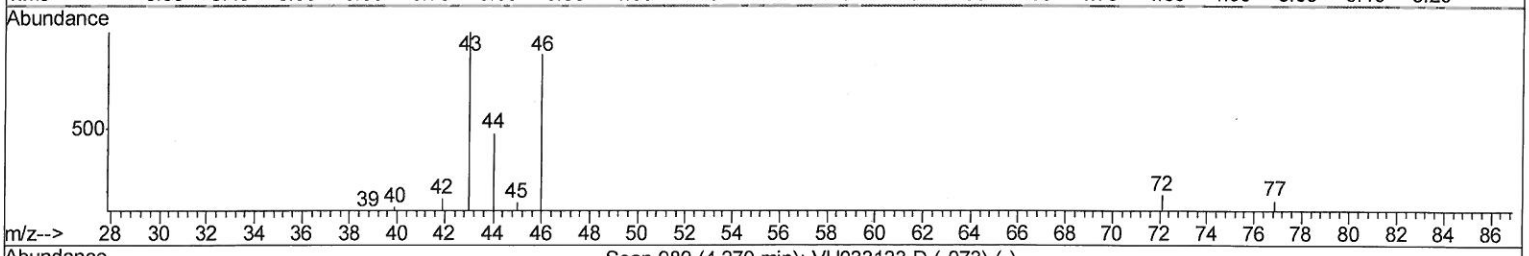
Data File : VU033151.D
Acq On : 02 Jul 2019 19:23
Operator : JC/SP
Sample : K3598-01DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

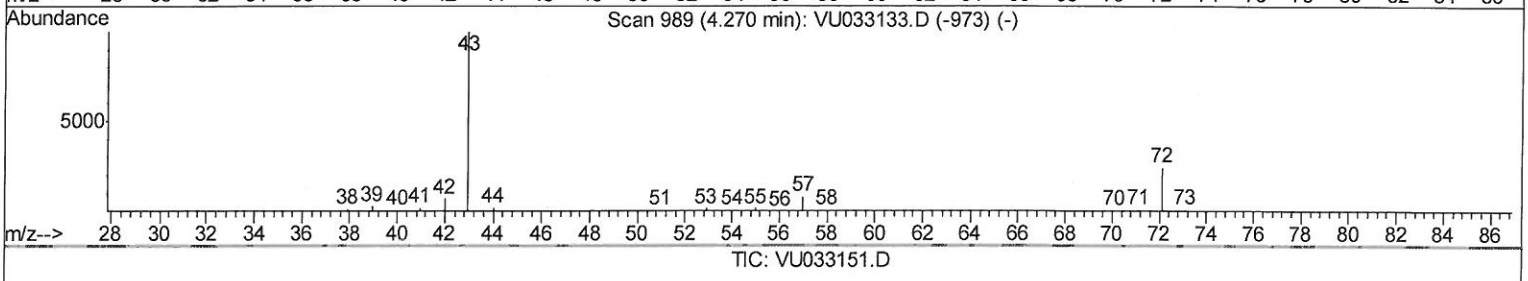
Quant Time: Jul 03 02:19:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAM79DL

Manual Integrations APPROVED
MMDadoda
7/3/2019 11:35:01 AM







TIC: VU033151.D

(21) 2-Butanone (T)

4.286min (+0.016) 1.05ug/L

response 1992

Ion	Exp%	Act%
43.05	100	100
72.10	24.20	15.11
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070219\

Quantitation Report (Qedit)

Data File : VU033151.D
Acq On : 02 Jul 2019 19:23
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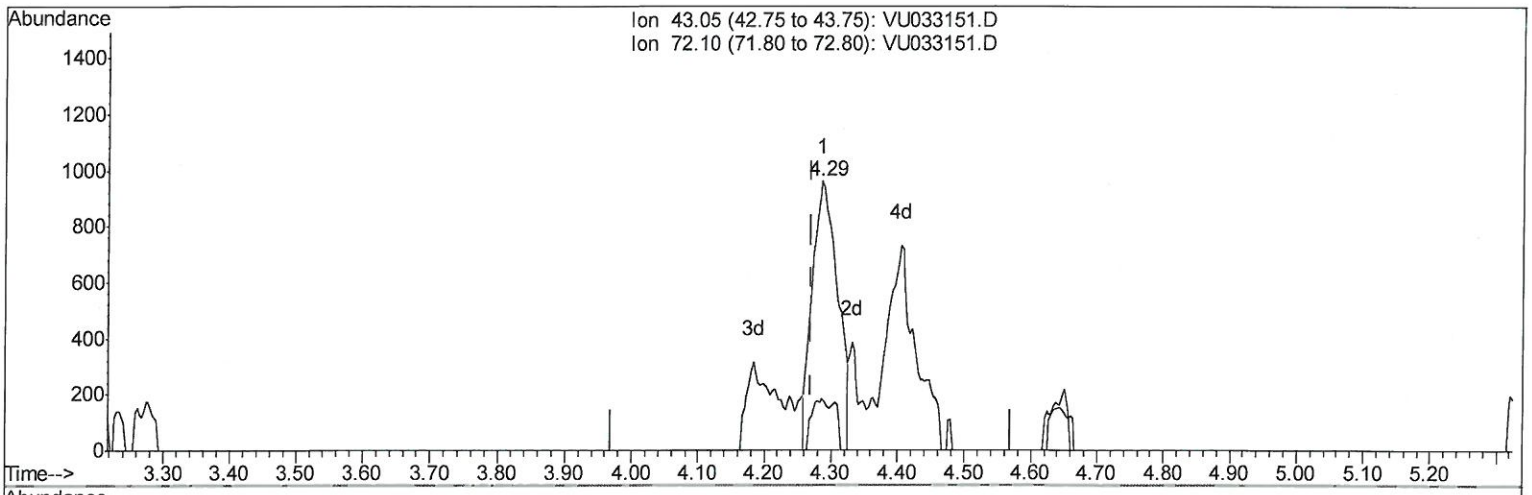
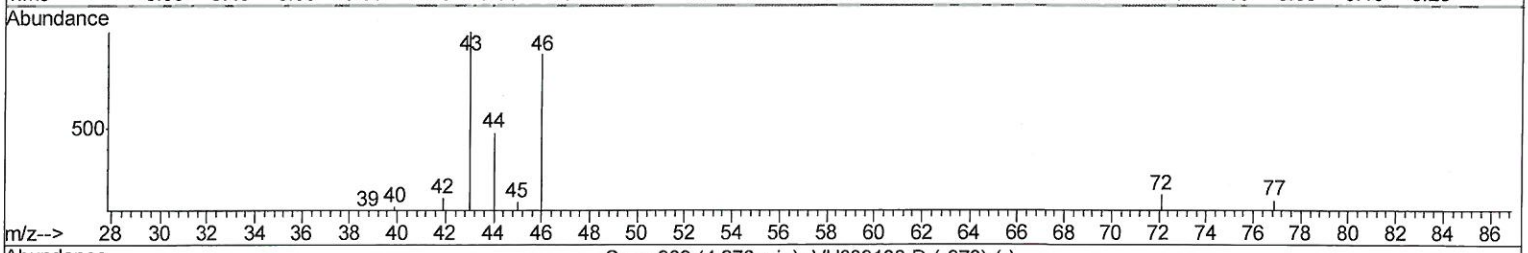
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

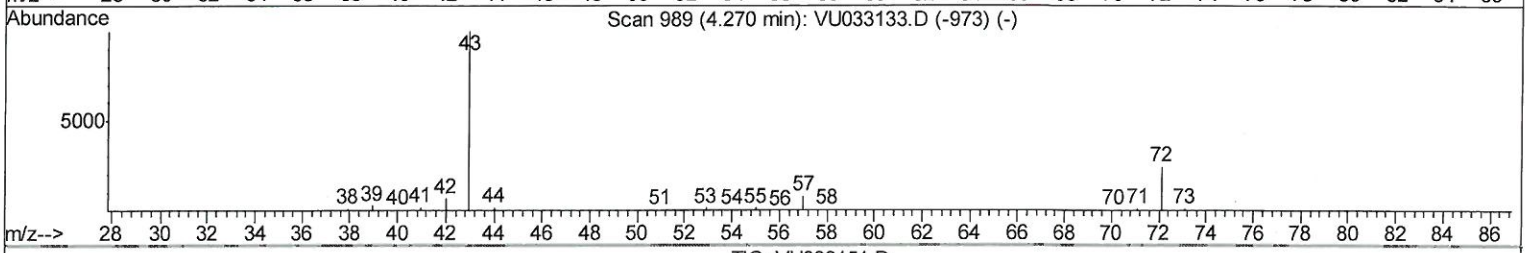
Quant Time: Jul 03 02:19:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAM79DL

Manual Integrations APPROVED
MMDadoda
7/3/2019 11:35:01 AM







TIC: VU033151.D

(21) 2-Butanone (T)

4.286min (+0.016) 1.35ug/L m

response 2554

Ion	Exp%	Act%
43.05	100	100
72.10	24.20	11.79#
0.00	0.00	0.00
0.00	0.00	0.00

> MO 7/3/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070219\

Quantitation Report (QT Reviewed)

Data File : VU033151.D
Acq On : 02 Jul 2019 19:23
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Instrument : MSVOA_U
ClientSampleId : GAM79DL

Manual Integrations APPROVED
MMDadoda
7/3/2019 11:35:01 AM

Quant Time: Jul 03 04:01:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	77461	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	79694	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	36167	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	34339	7.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 153.20%#			
7) Chloroethane-d5	1.67	69	27685	6.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 135.00%#			
11) 1,1-Dichloroethene-d2	2.27	63	50222	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.00%			
20) 2-Butanone-d5	4.19	46	92317	56.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.10%			
24) Chloroform-d	4.64	84	60754	5.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.60%			
26) 1,2-Dichloroethane-d4	5.31	65	36572	6.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.40%			
32) Benzene-d6	5.33	84	114686	6.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 120.00%			
36) 1,2-Dichloropropane-d6	6.32	67	37560	5.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 118.00%			
41) Toluene-d8	7.56	98	99964	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.60%			
43) trans-1,3-Dichloropropene-	7.85	79	13539	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.80%			
46) 2-Hexanone-d5	8.31	63	56997	50.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.06%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30771	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	38615	5.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.60%			
Target Compounds						Qvalue
13) Acetone	2.32	43	5055	3.852	ug/L	91
21) 2-Butanone	4.29	43	2554m	1.346	ug/L	
34) Trichloroethene	6.18	95	2255	0.352	ug/L	94
47) Tetrachloroethene	8.22	164	47868	8.994	ug/L	96

JMD 7/3/19

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