Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

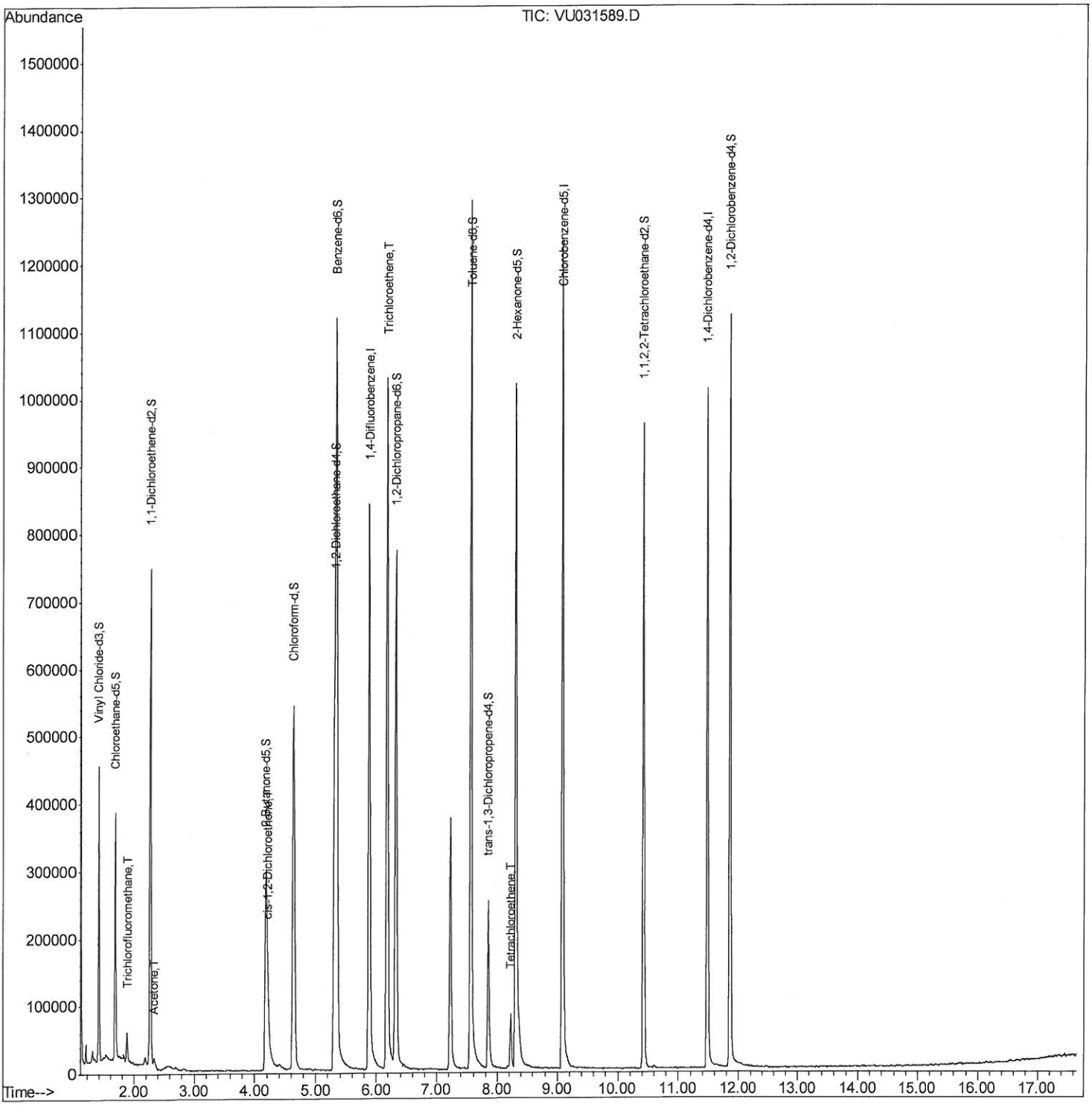
Quantitation Report (QT Reviewed)

Data File : VU031589.D
Acq On : 29 Apr 2019 16:18
Operator : JC/SP
Sample : K2536-21DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 30 04:07:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0X09DL

Manual Integrations APPROVED
MMDadoda
4/30/2019 12:07:26 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

Quantitation Report (Qedit)

Data File : VU031589.D
Acq On : 29 Apr 2019 16:18
Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 30 01:59:11 2019
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Quant Title : VOC Analysis
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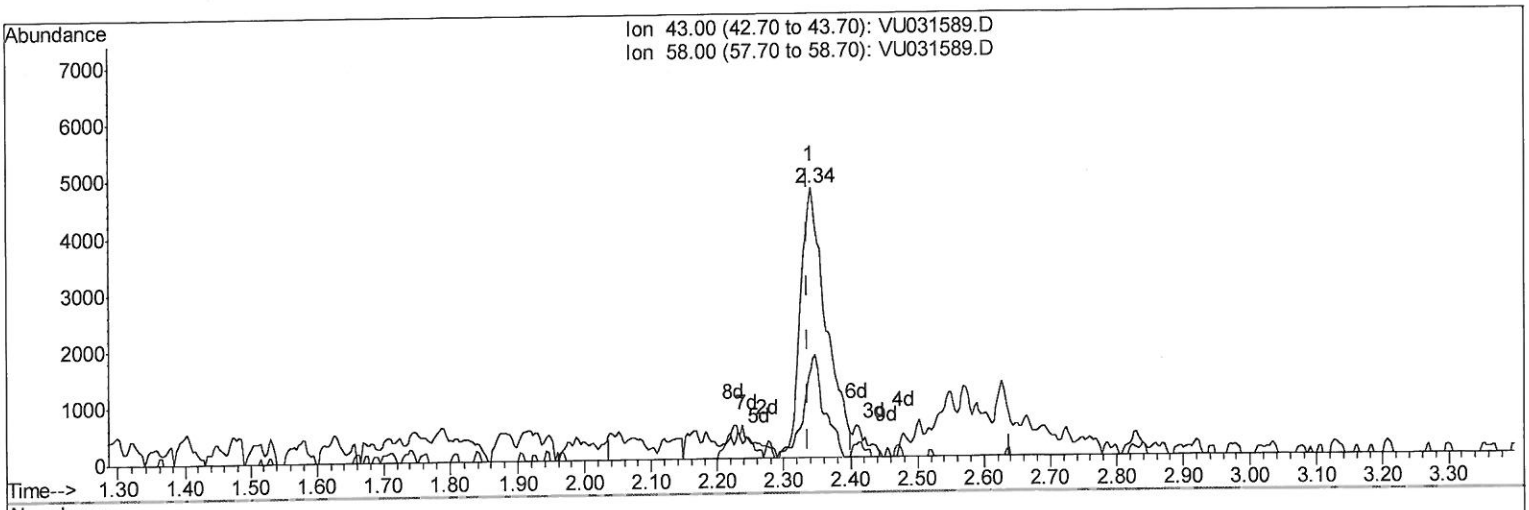

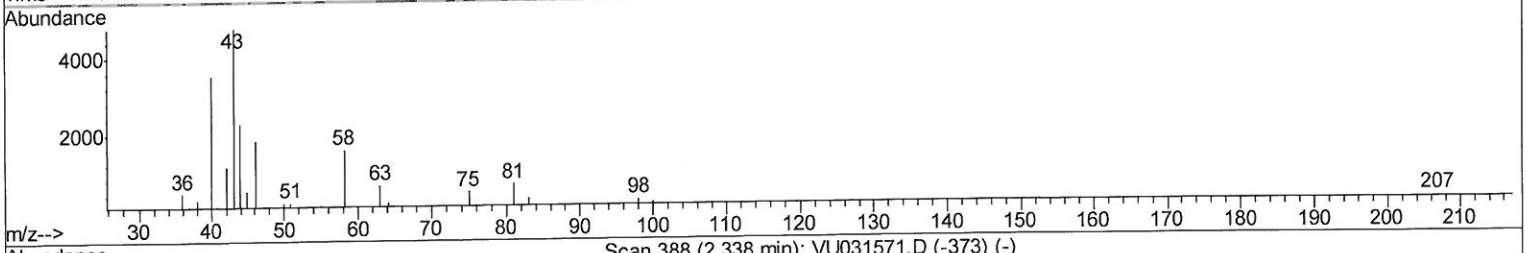

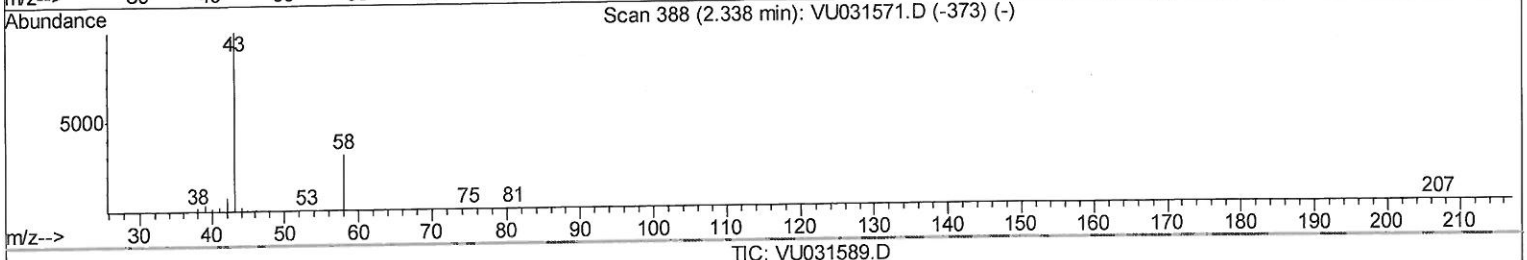

TIC: VU031589.D

(13) Acetone (T)

2.341min (+0.003) 2.17ug/L m

response 12722

7 MD 5/2/19

Ion	Exp%	Act%
43.00	100	100
58.00	32.20	19.38
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

Quantitation Report (Qedit)

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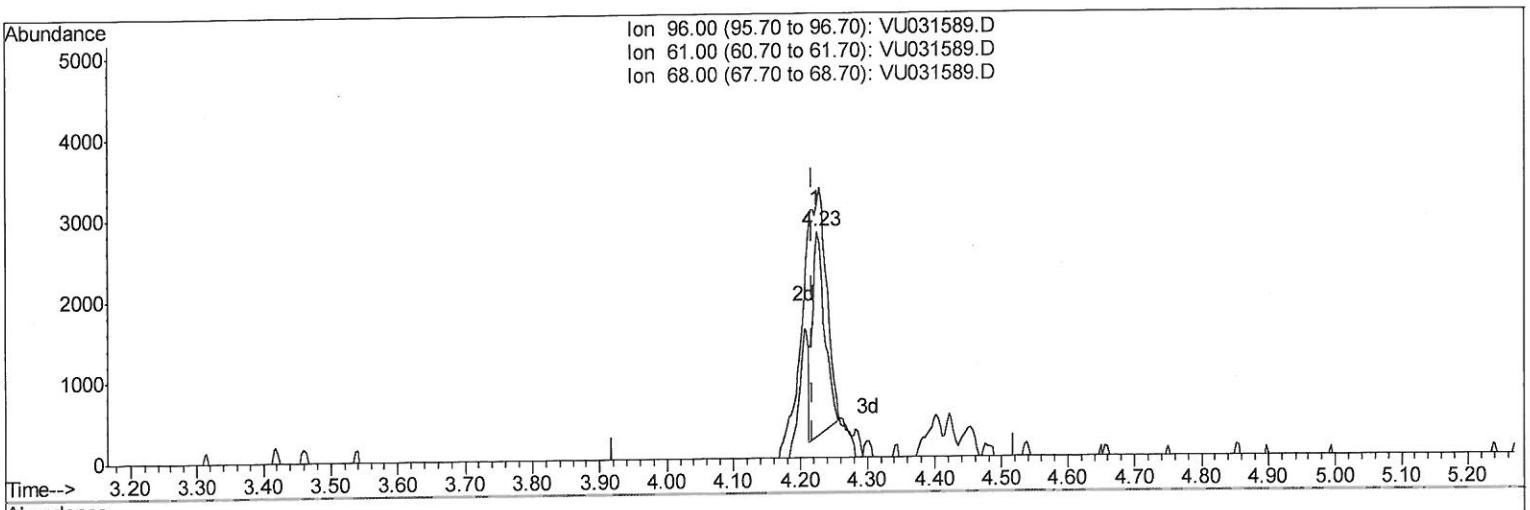
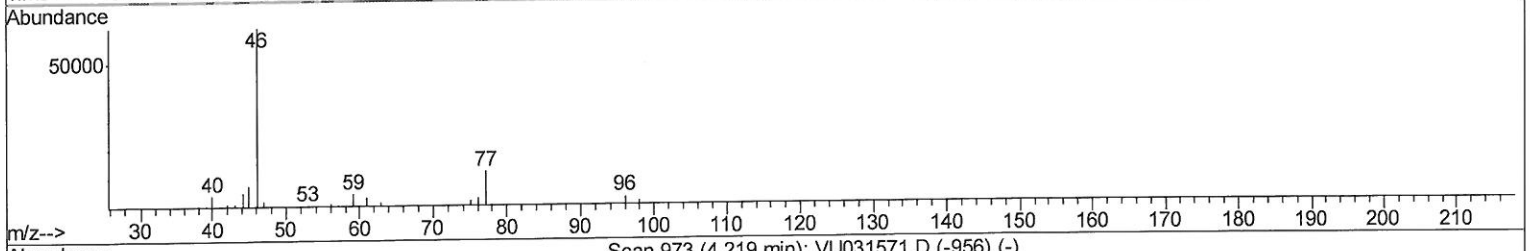
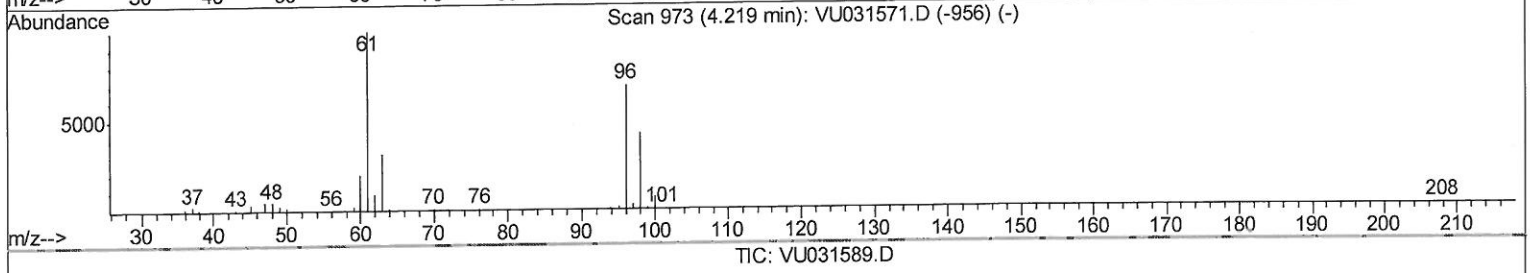
Manual Integrations APPROVED
MMDadoda
4/30/2019 12:07:26 PM







TIC: VU031589.D

(20) cis-1,2-Dichloroethene (T)

4.225min (+0.007) 0.54ug/L

response 3211

Ion	Exp%	Act%
96.00	100	100
61.00	142.10	112.41
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

Quantitation Report (Qedit)

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
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Instrument :
MSVOA_U
ClientSampleId :
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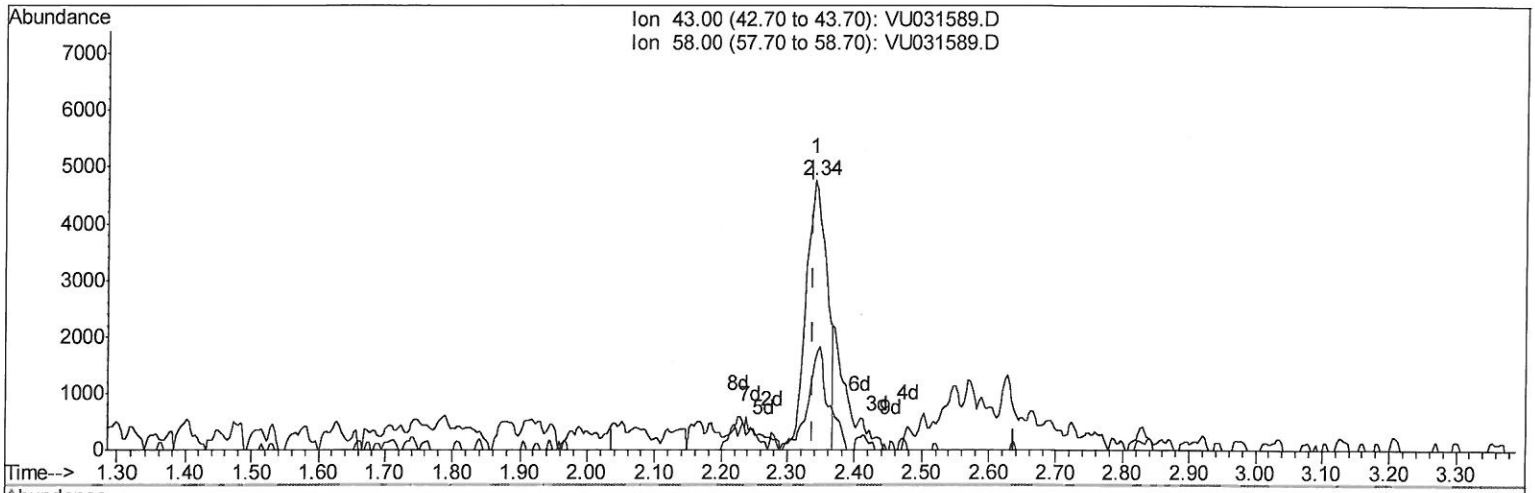
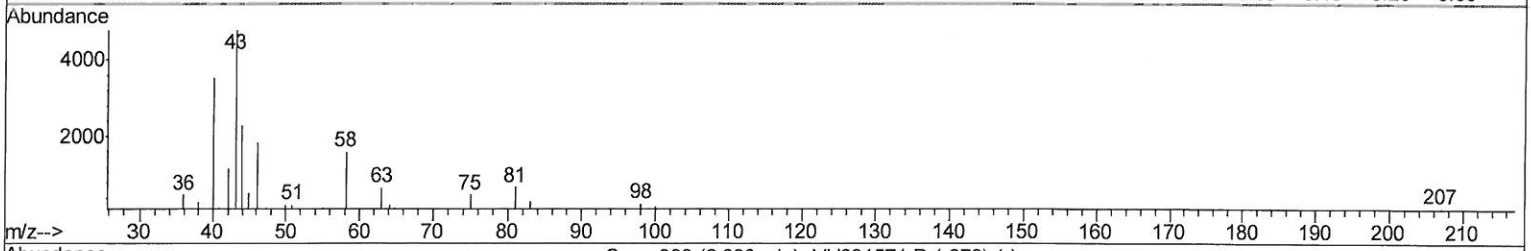
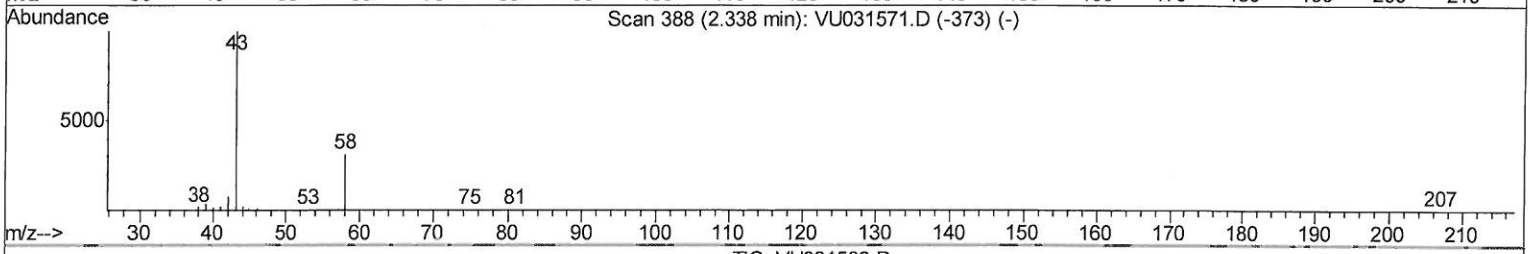
Manual Integrations APPROVED
MMDadoda
4/30/2019 12:07:26 PM







TIC: VU031589.D

(13) Acetone (T)

2.341min (+0.003) 1.78ug/L

response 10436

Ion	Exp%	Act%
43.00	100	100
58.00	32.20	23.62
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

Quantitation Report (Qedit)

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Misc : 5.0mL/MSVOA_U/WATER
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MSVOA_U
ClientSampleId :
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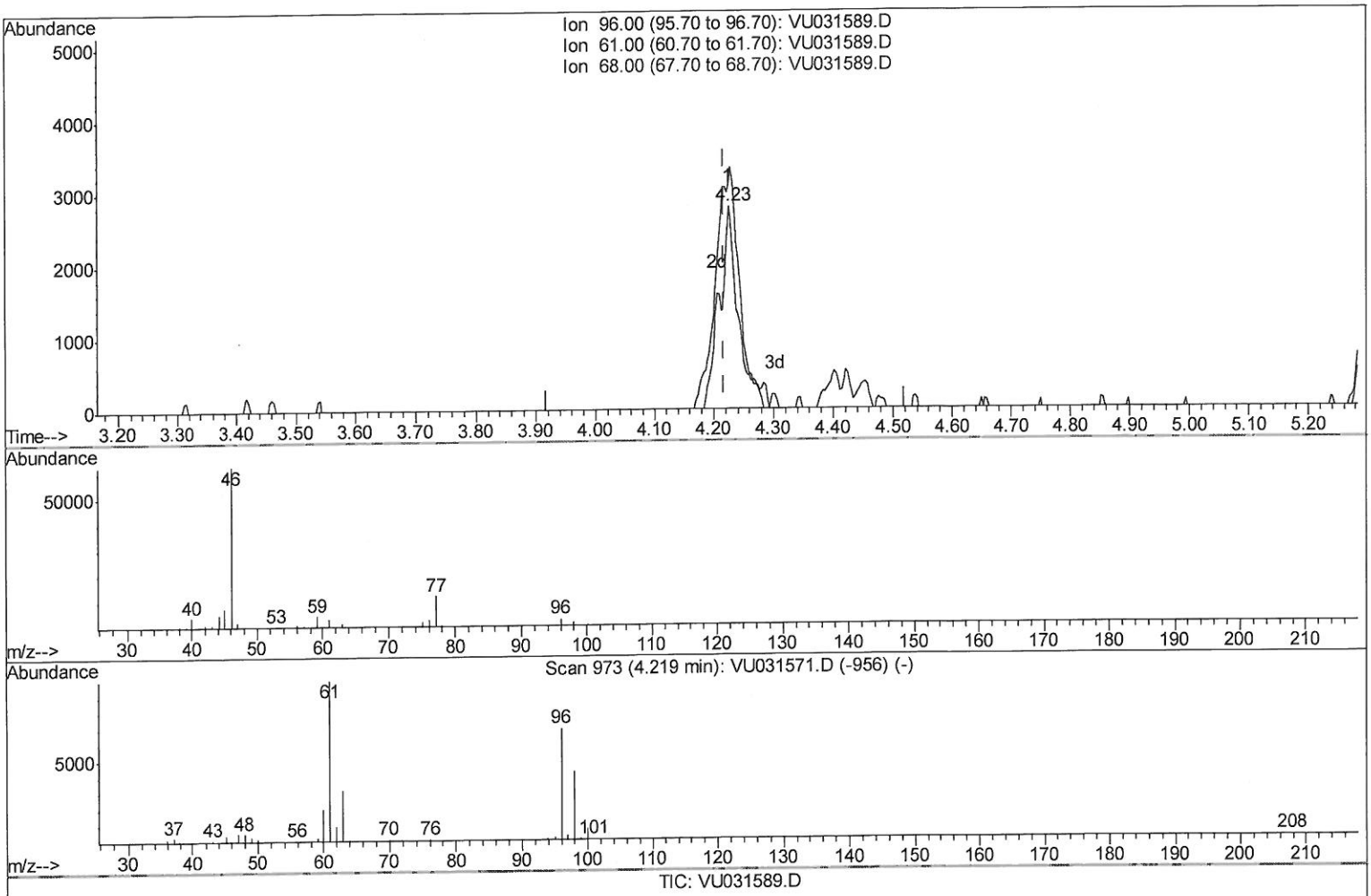
Manual Integrations APPROVED
MMDadoda
4/30/2019 12:07:26 PM



TIC: VU031589.D

(20) cis-1,2-Dichloroethene (T)

4.225min (+0.007) 1.02ug/L m

response 6089

Ion	Exp%	Act%
96.00	100	100
61.00	142.10	112.41
68.00	0.00	0.00
0.00	0.00	0.00

MMD 5/2/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

Quantitation Report (QT Reviewed)

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Operator : JC/SP
Sample : K2536-21DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X09DL

Manual Integrations APPROVED
MMDadoda
4/30/2019 12:07:26 PM

Quant Time: Apr 30 04:07:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	685526	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	657317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	246087	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	296473	51.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.34%			
7) Chloroethane-d5	1.68	69	243667	54.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.92%			
11) 1,1-Dichloroethene-d2	2.27	63	450963	39.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.94%			
21) 2-Butanone-d5	4.19	46	627122	120.64	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 120.64%			
24) Chloroform-d	4.64	84	552740	52.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.31	65	381432	55.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.12%			
32) Benzene-d6	5.34	84	1076511	53.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.66%			
36) 1,2-Dichloropropane-d6	6.32	67	388239	54.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.34%			
41) Toluene-d8	7.56	98	887243	50.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.94%			
43) trans-1,3-Dichloropropene-	7.85	79	151055	49.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.10%			
47) 2-Hexanone-d5	8.31	63	340507	110.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	493194	51.75	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.50%			
64) 1,2-Dichlorobenzene-d4	11.86	152	279549	54.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.04%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	18755	1.929	ug/L	93
13) Acetone	2.34	43	12722m	2.173	ug/L	
20) cis-1,2-Dichloroethene	4.23	96	6089m	1.019	ug/L	
34) Trichloroethene	6.18	95	381849	65.183	ug/L	94
46) Tetrachloroethene	8.22	164	18847	4.719	ug/L	96

MD 5/2/19

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