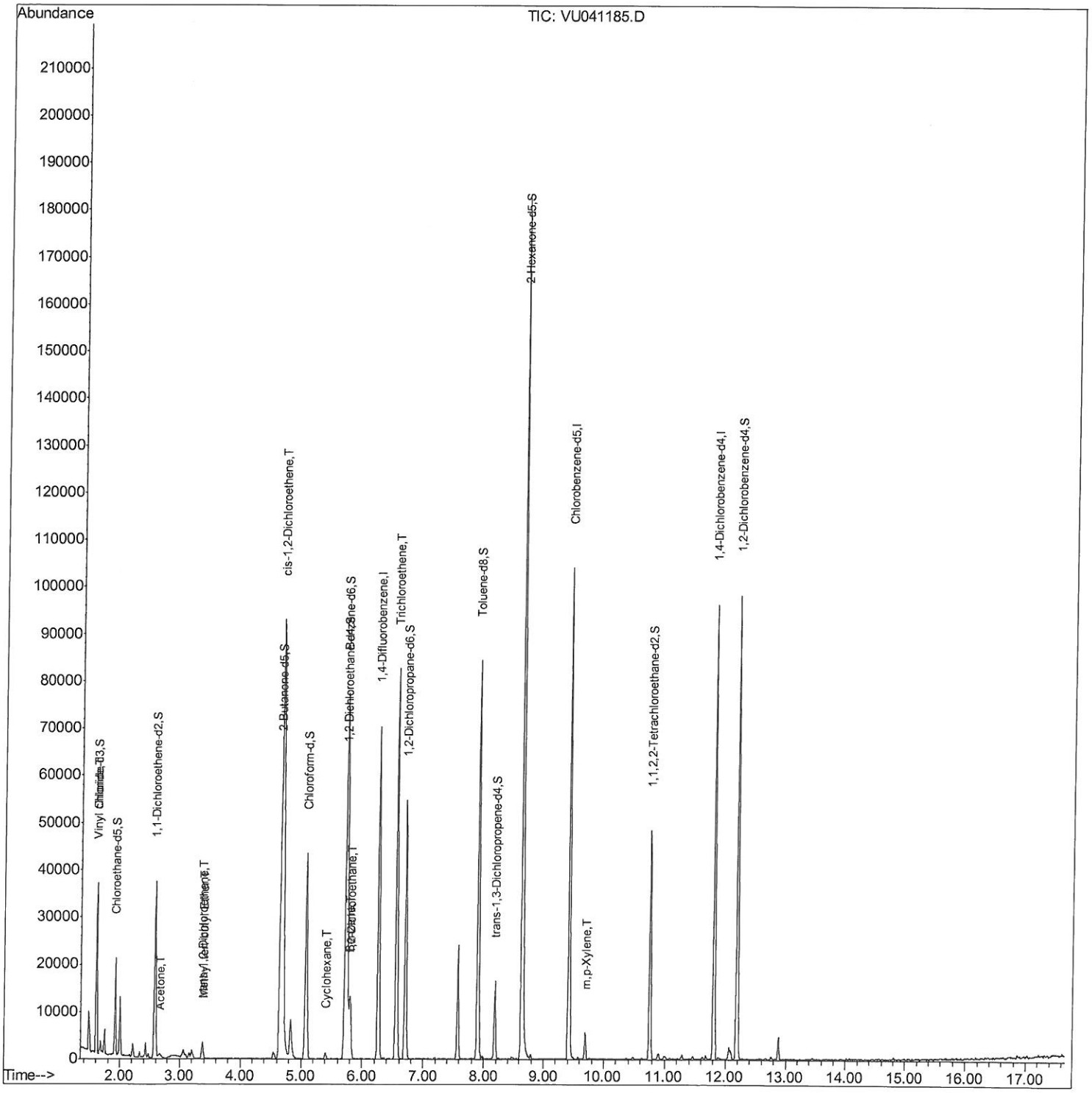
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041185.D
Acq On : 10 Nov 2020 18:24
Operator : SY/MD
Sample : L4646-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 11 03:32:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Manual Integrations APPROVED
MMDadoda
11/11/2020 9:59:27 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041185.D
Acq On : 10 Nov 2020 18:24
Operator : SY/MD
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ALS Vial : 21 Sample Multiplier: 1

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Manual Integrations APPROVED
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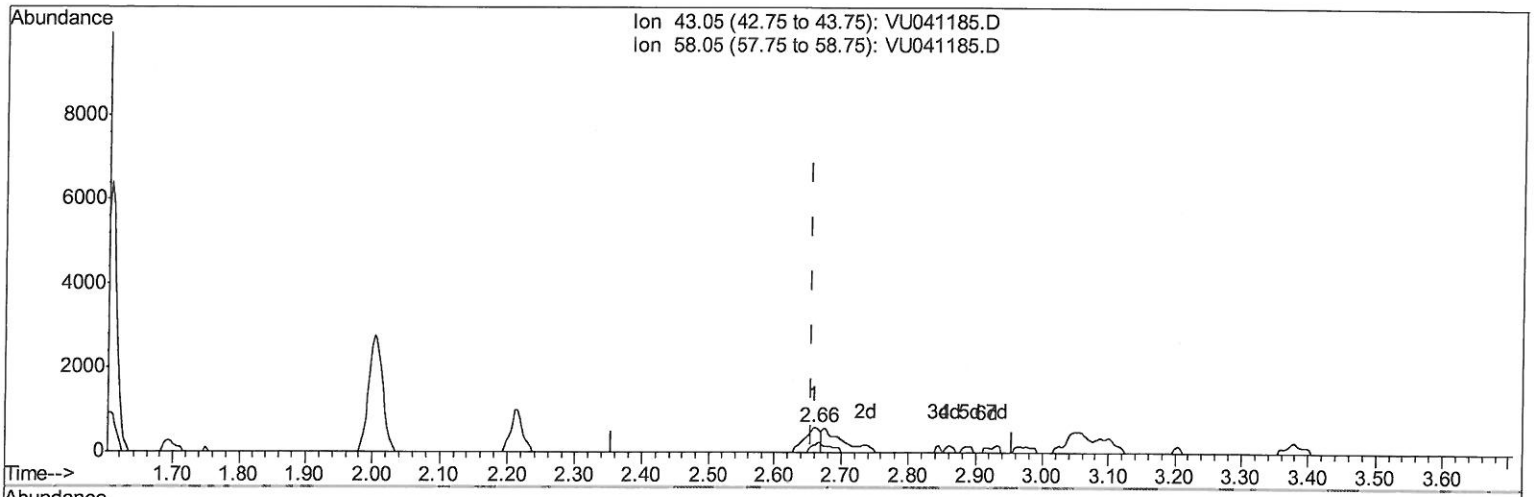
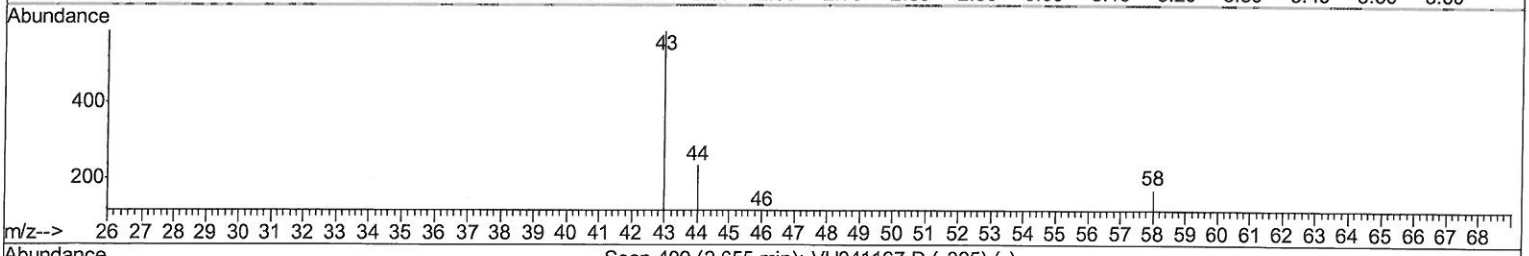
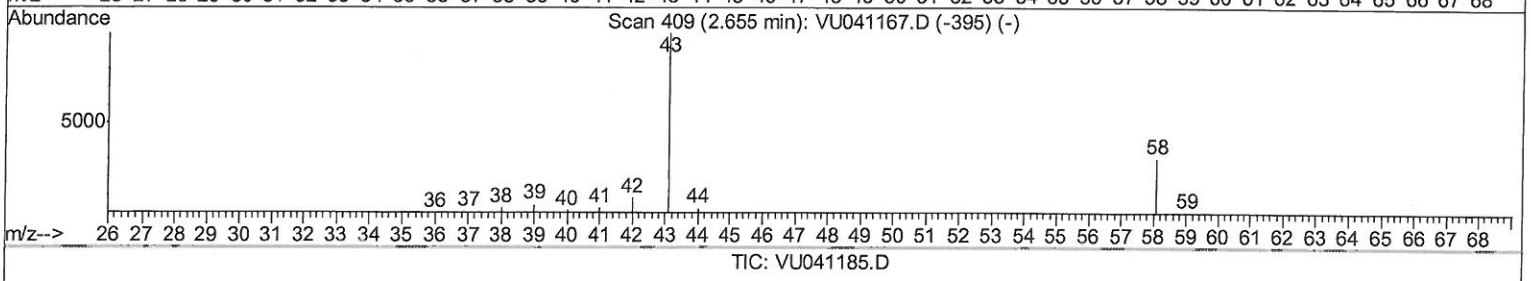
11/11/2020 9:59:27 AM







TIC: VU041185.D

(13) Acetone (T)

2.658min (+0.003) 0.98ug/L

response 946

Ion	Exp%	Act%
43.05	100	100
58.05	12.70	47.67#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
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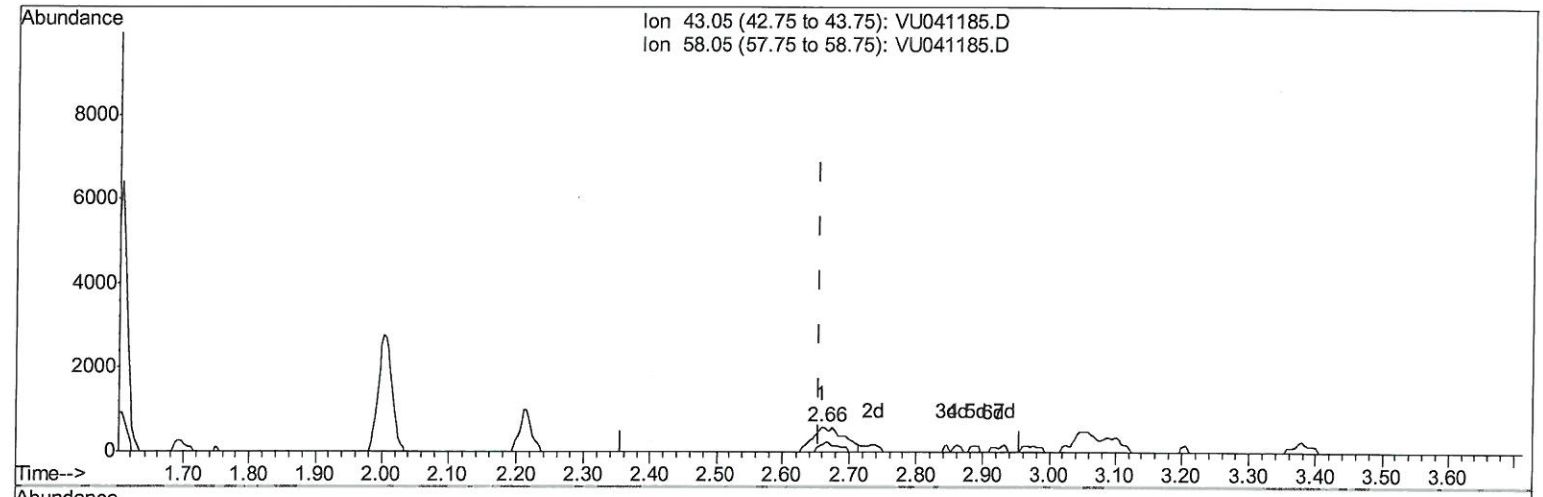
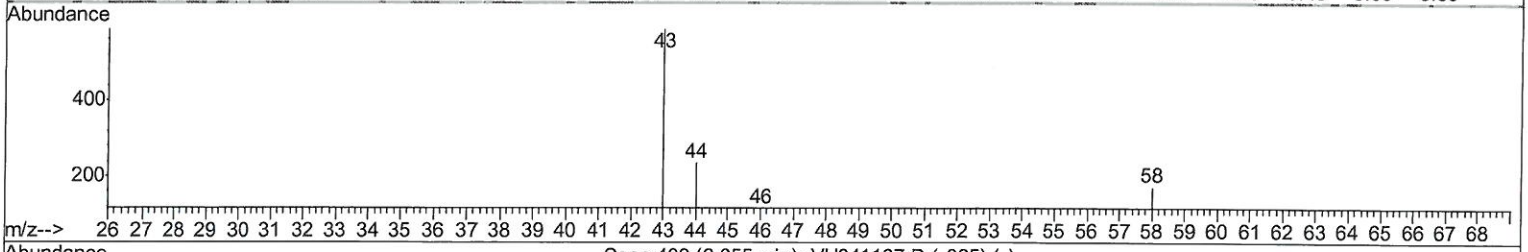
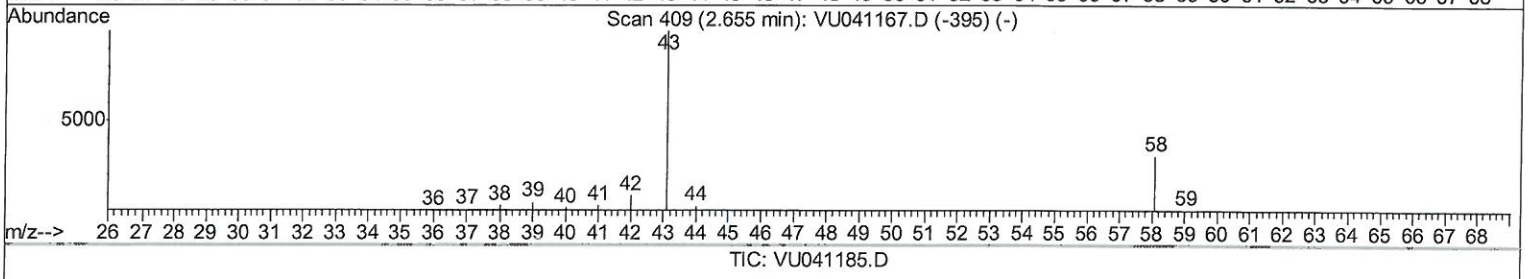
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : GB0W3

Manual Integrations APPROVED
MMDadoda
11/11/2020 9:59:27 AM







TIC: VU041185.D

(13) Acetone (T)

2.658min (+0.003) 2.00ug/L m

response 1934

Ion	Exp%	Act%
43.05	100	100
58.05	12.70	23.32
0.00	0.00	0.00
0.00	0.00	0.00

MD 11/11/20

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
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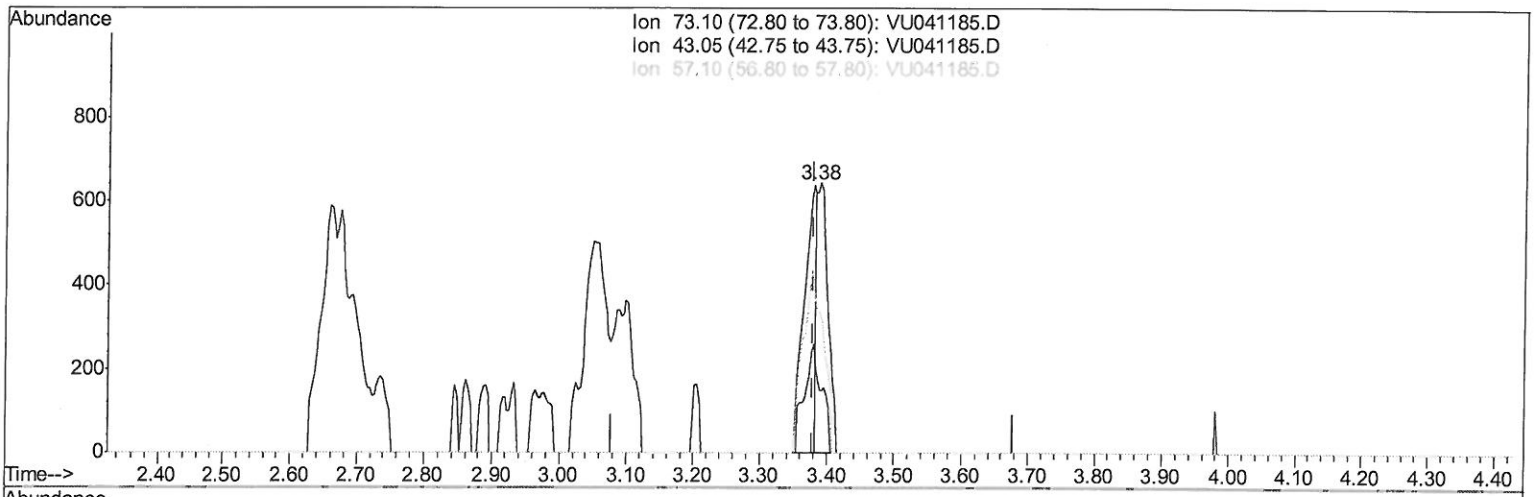
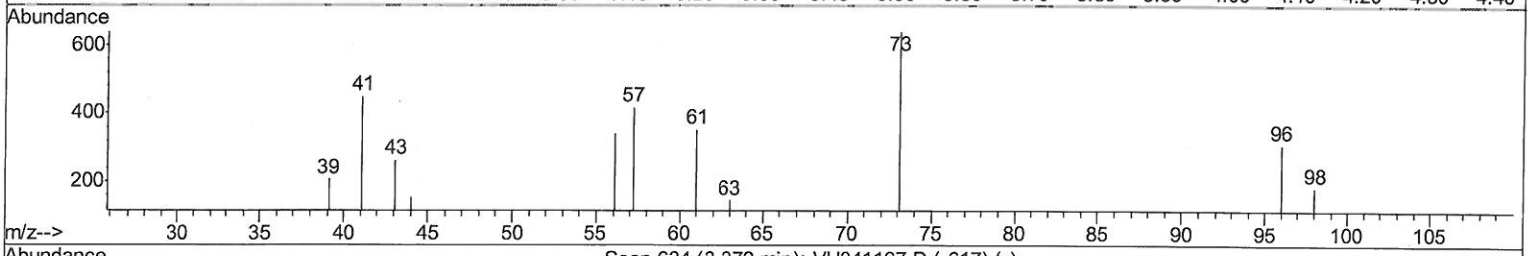
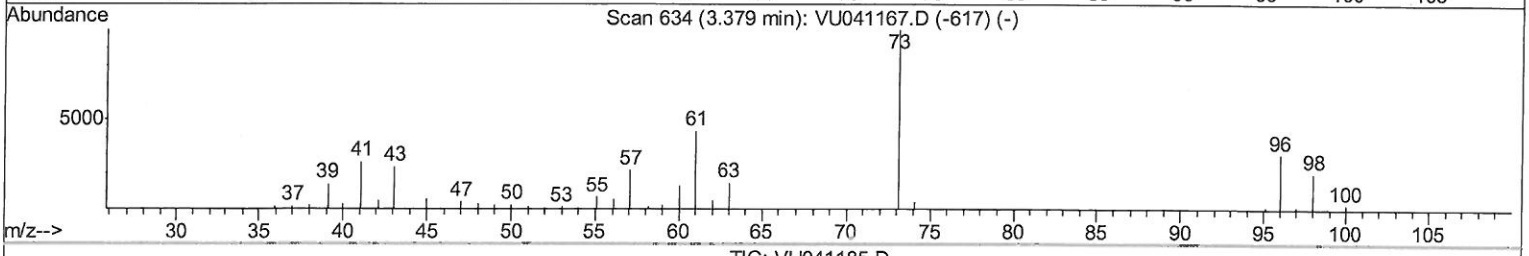
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Manual Integrations APPROVED
MMDadoda
11/11/2020 9:59:27 AM







TIC: VU041185.D

(17) Methyl tert-butyl Ether (T)

3.379min (+0.000) 0.09ug/L

response 804

Ion	Exp%	Act%
73.10	100	100
43.05	23.10	57.59#
57.10	23.00	113.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

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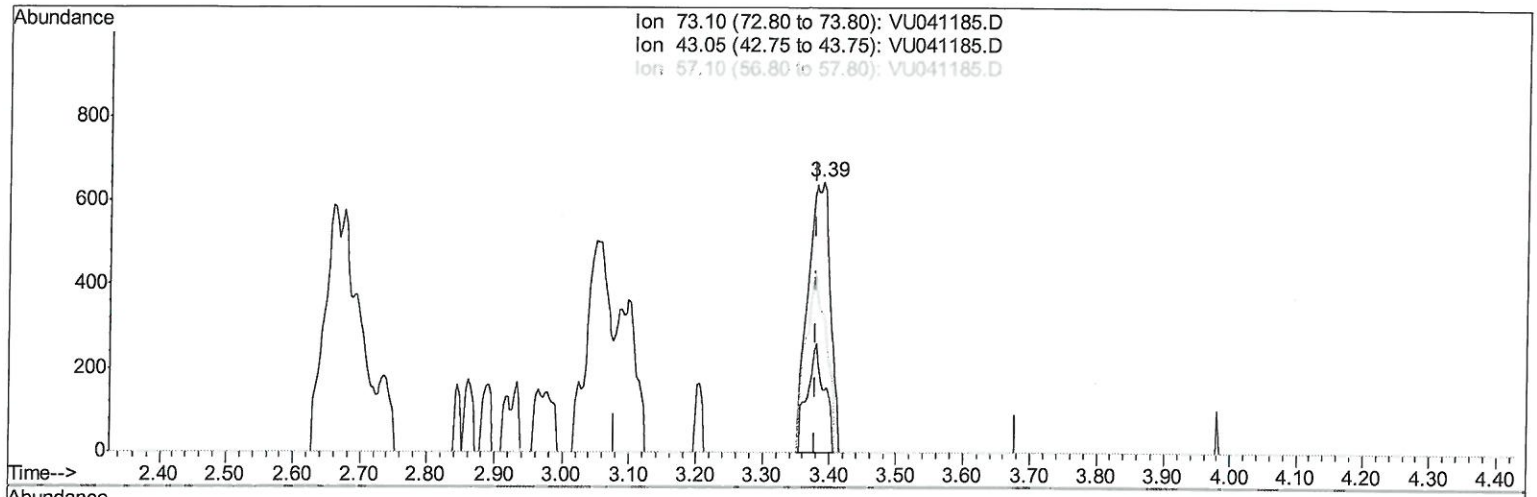
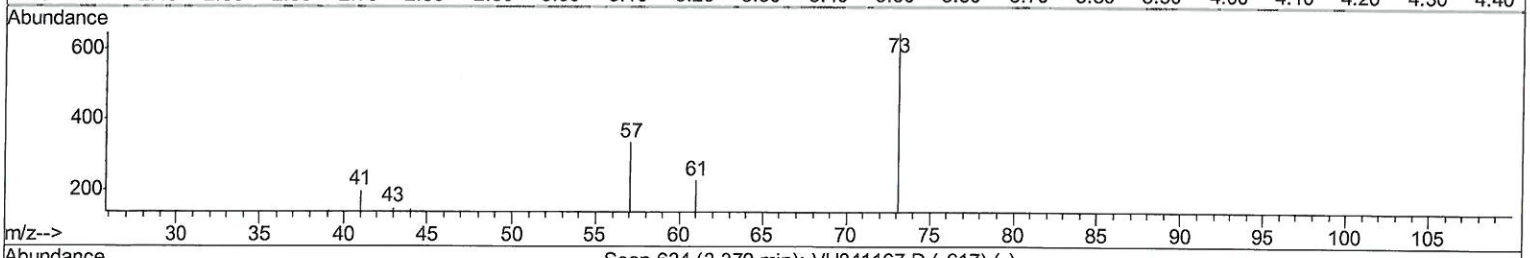
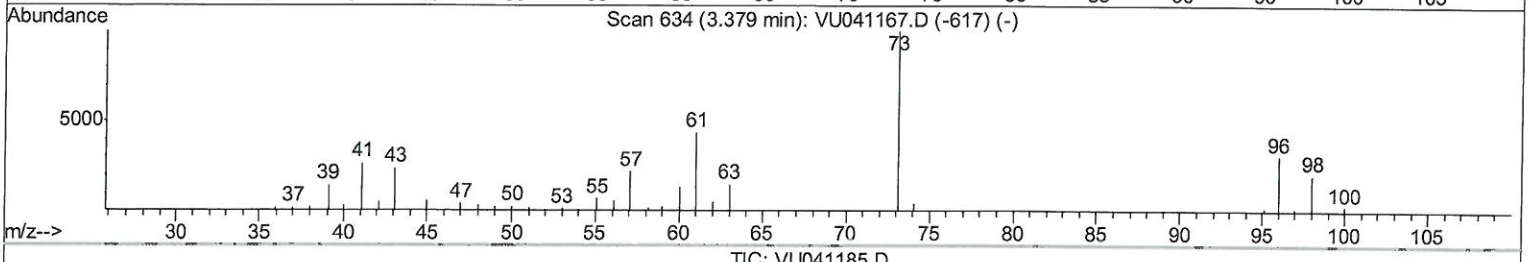
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Manual Integrations APPROVED
MMDadoda
11/11/2020 9:59:27 AM







TIC: VU041185.D

(17) Methyl tert-butyl Ether (T)

3.388min (+0.010) 0.16ug/L m

response 1507

7MD 11/11/20

Ion	Exp%	Act%
73.10	100	100
43.05	23.10	30.72#
57.10	23.00	60.78#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
MMDadoda
11/11/2020 9:59:27 AM

Quant Time: Nov 11 03:32:03 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22905	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	14795	3.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.80%			
7) Chloroethane-d5	1.92	69	13637	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.60%			
11) 1,1-Dichloroethene-d2	2.58	63	23208	2.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.00%#			
20) 2-Butanone-d5	4.65	46	83180	58.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.60%			
24) Chloroform-d	5.08	84	39302	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.72	65	24819	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.40%			
32) Benzene-d6	5.74	84	64528	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.70	67	23322	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.91	98	52344	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%			
43) trans-1,3-Dichloropropene-	8.19	79	8956	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.64	63	57568	53.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.26%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22274	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	23876	5.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	847	0.176	ug/L #	66
13) Acetone	2.66	43	1934m	2.000	ug/L	
17) Methyl tert-butyl Ether	3.39	73	1507m	0.162	ug/L	
18) trans-1,2-Dichloroethene	3.37	96	586	0.160	ug/L	70
22) cis-1,2-Dichloroethene	4.69	96	34822	9.197	ug/L	100
27) 1,2-Dichloroethane	5.81	62	8131	1.484	ug/L #	94
30) Cyclohexane	5.40	56	756	0.118	ug/L #	84
33) Benzene	5.79	78	9192	0.577	ug/L	100
34) Trichloroethene	6.56	95	26485	6.532	ug/L	99
53) m,p-Xylene	9.69	106	1612	0.260	ug/L	89

MD 11/11/20

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