

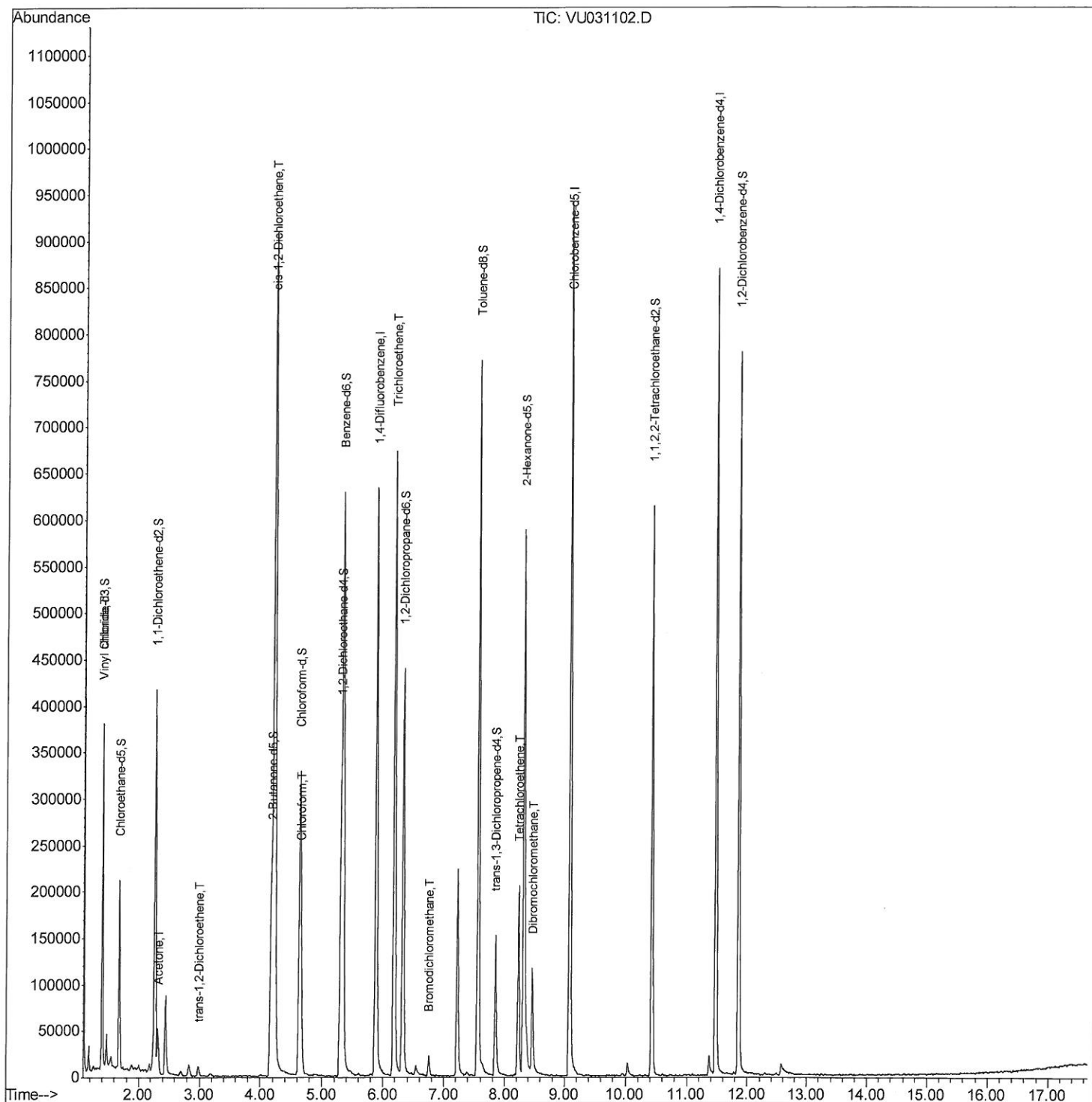
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031102.D
Acq On : 12 Apr 2019 04:26
Operator : JC/SP
Sample : K2299-31
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 94 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB713

Manual Integrations
APPROVED

MMDadoda
4/12/2019 5:46:47 PM

Quant Time: Apr 12 08:18:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

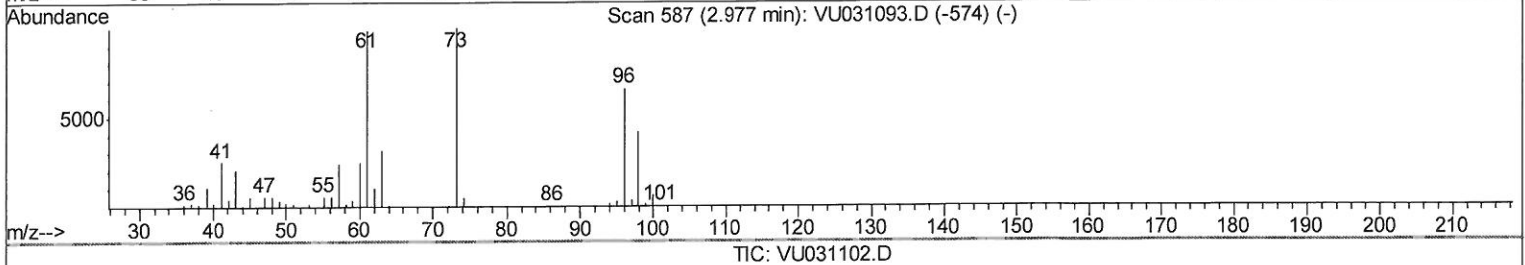
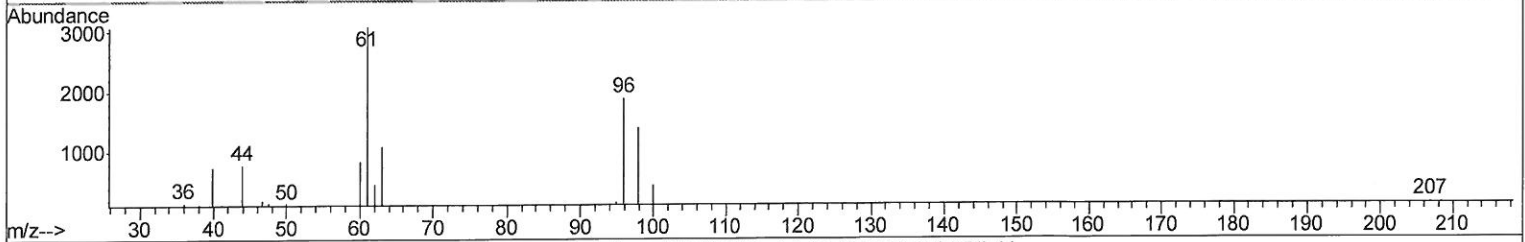
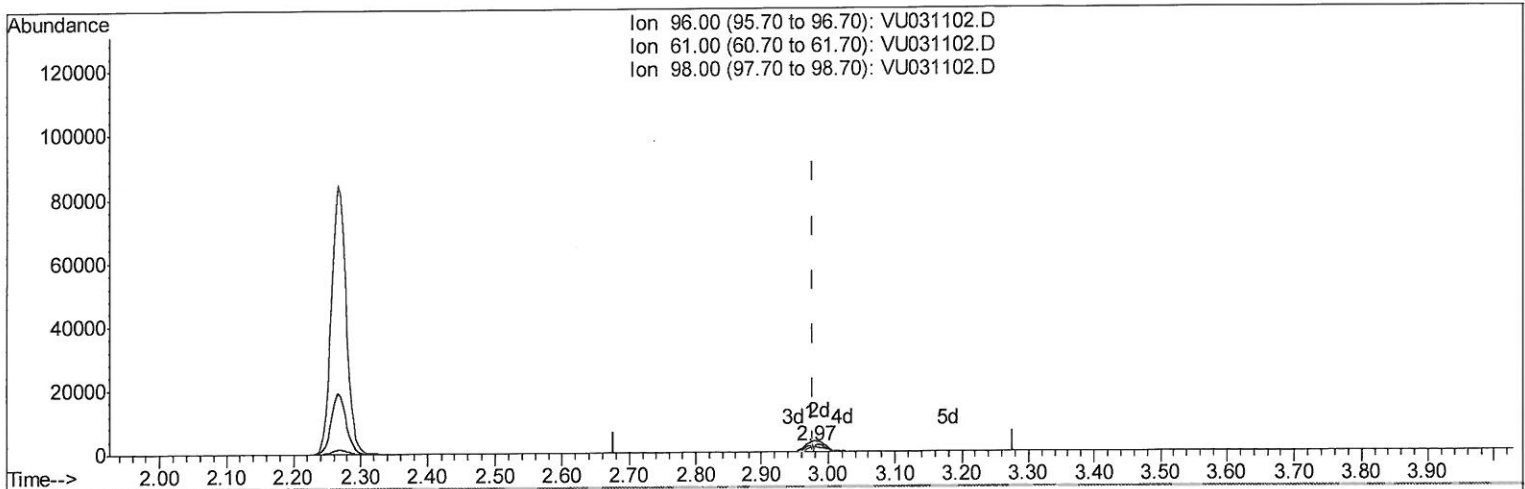
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Response via : Initial Calibration



(17) trans-1,2-Dichloroethene (T)

2.974min (-0.003) 0.49ug/L

response 1886

Ion	Exp%	Act%
96.00	100	100
61.00	156.40	163.37
98.00	62.80	74.23
0.00	0.00	0.00

Quantitation Report (Qedit)

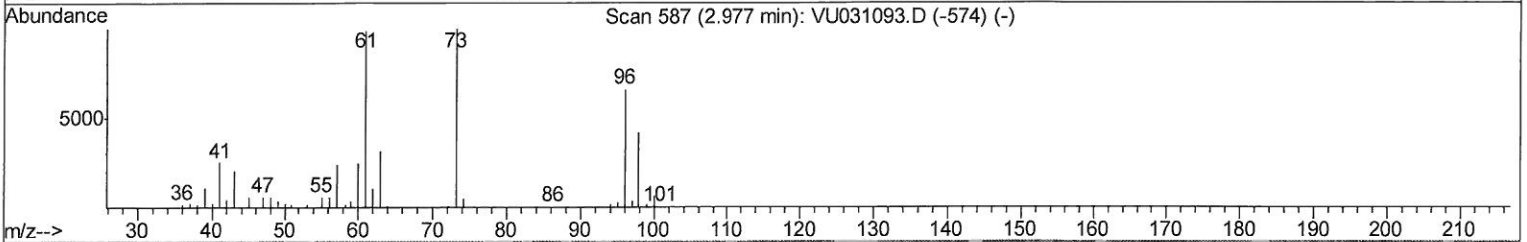
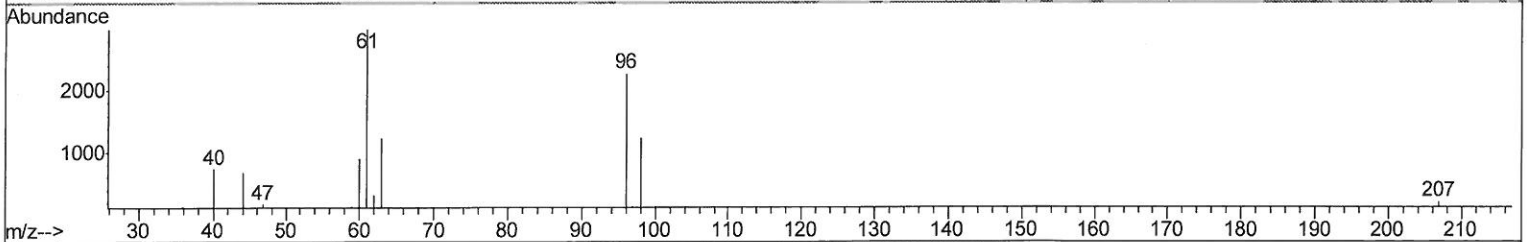
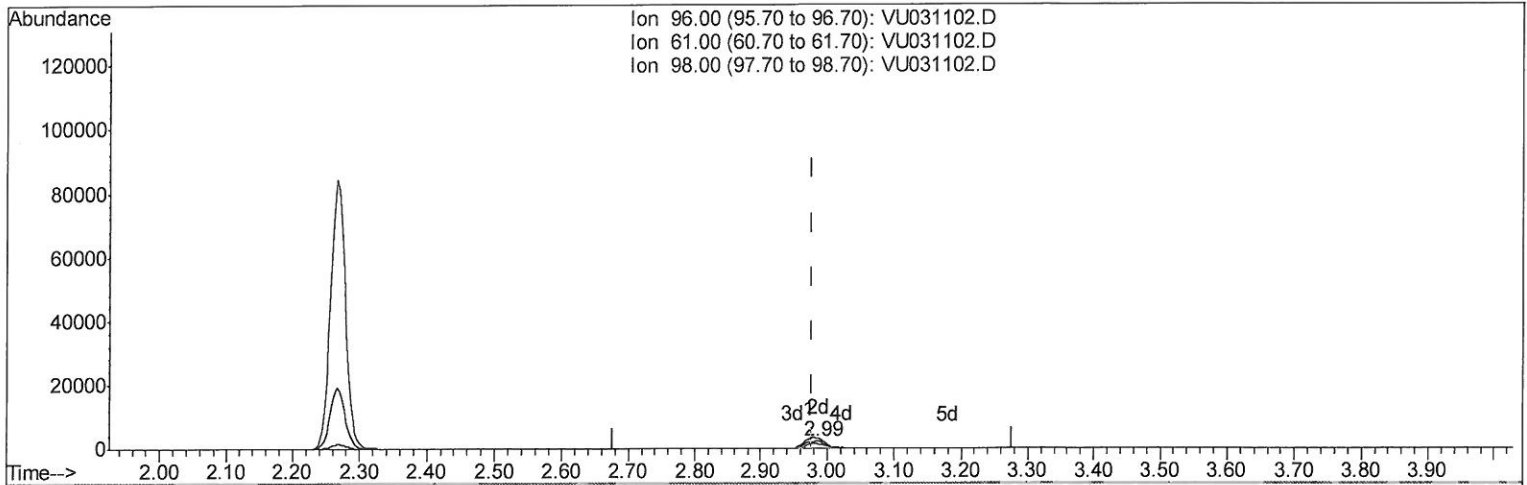
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 ClientSampleId :
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Manual Integrations
 APPROVED

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 4/12/2019 5:46:47 PM

Quant Time: Apr 12 07:30:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration



TIC: VU031102.D

(17) trans-1,2-Dichloroethene (T)

2.987min (+0.010) 1.20ug/L m

response 4639

Ion	Exp%	Act%
96.00	100	100
61.00	156.40	131.86
98.00	62.80	54.55
0.00	0.00	0.00

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 4/13/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031102.D
 Acq On : 12 Apr 2019 04:26
 Operator : JC/SP
 Sample : K2299-31
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 DB713

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:46:47 PM

Quant Time: Apr 12 08:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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	524572	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	524282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166364	35.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.06%		
7) Chloroethane-d5	1.68	69	140197	39.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.90%		
11) 1,1-Dichloroethene-d2	2.27	63	240064	28.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.68%#		
21) 2-Butanone-d5	4.17	46	338414	91.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.18%		
24) Chloroform-d	4.64	84	314490	43.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.92%		
26) 1,2-Dichloroethane-d4	5.30	65	217842	44.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.26%		
32) Benzene-d6	5.33	84	614999	40.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.36%		
36) 1,2-Dichloropropane-d6	6.32	67	220576	42.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.10%		
41) Toluene-d8	7.56	98	534275	39.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.76%#		
43) trans-1,3-Dichloropropene-	7.85	79	90595	37.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.76%		
47) 2-Hexanone-d5	8.31	63	199109	83.06	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.06%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315968	44.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.32%		
64) 1,2-Dichlorobenzene-d4	11.85	152	207536	46.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.80%		

Target Compounds

						Ovalue
5) Vinyl chloride	1.40	62	85226	14.772	ug/L	90
13) Acetone	2.32	43	49350	12.995	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	4639m	1.205	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	497444	117.013	ug/L	92
25) Chloroform	4.67	83	50158	6.281	ug/L	96
34) Trichloroethene	6.18	95	241193	57.318	ug/L	96
38) Bromodichloromethane	6.76	83	14600	2.491	ug/L	89
46) Tetrachloroethene	8.22	164	46629	15.242	ug/L	94
49) Dibromochloromethane	8.48	129	5435	1.243	ug/L	99

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

5 MD
 4/13/19