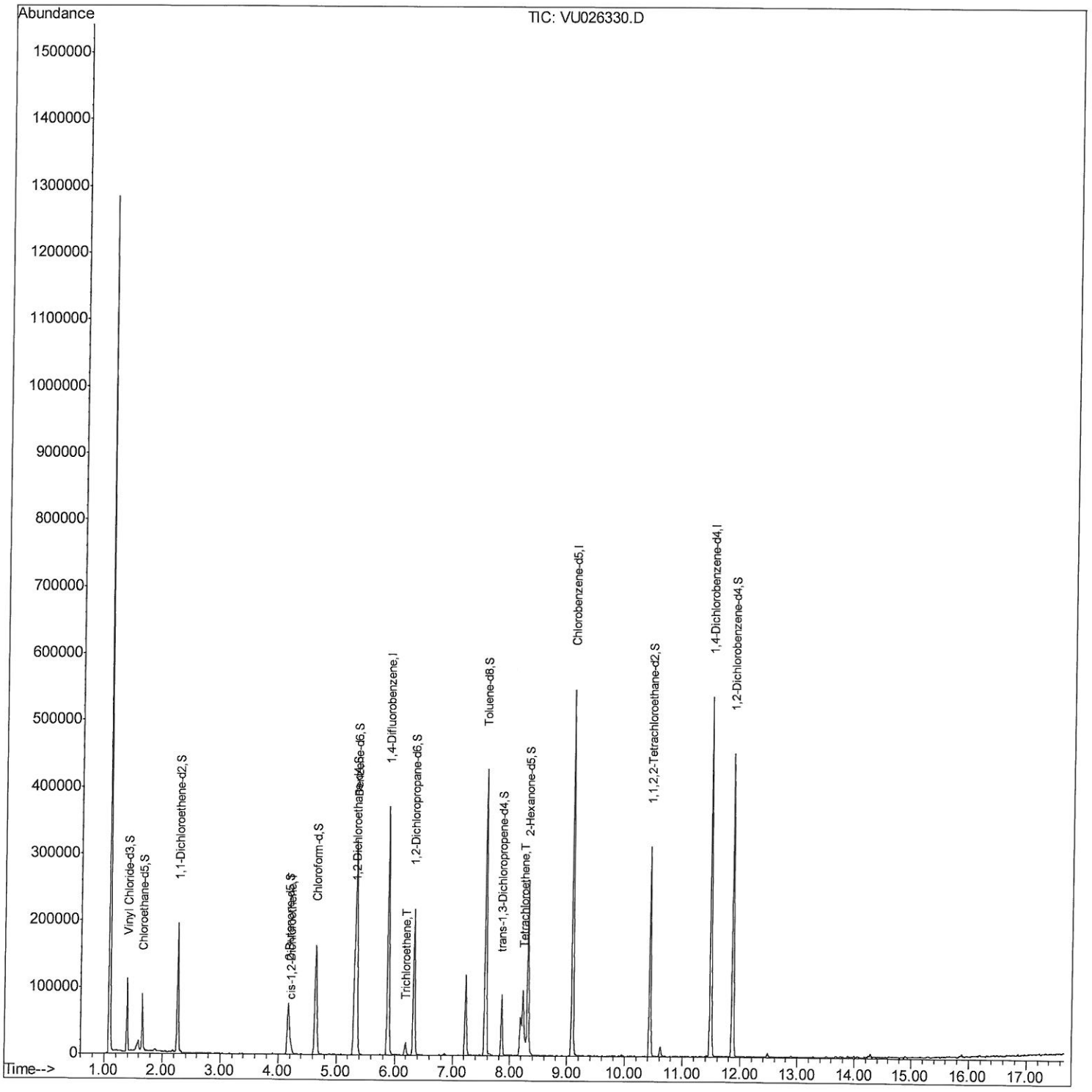
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
Data File : VU026330.D
Acq On : 24 Aug 2018 13:55
Operator : MD/SY
Sample : J4624-04ME 10X
Misc : 6.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 25 03:54:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 25 02:29:46 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E4430ME

Manual Integrations APPROVED
MMDadoda
8/25/2018 1:14:16 PM



Quantitation Report (Qedit)

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Data File : VU026330.D
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ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 25 03:52:01 2018
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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 02:29:46 2018
Response via : Initial Calibration

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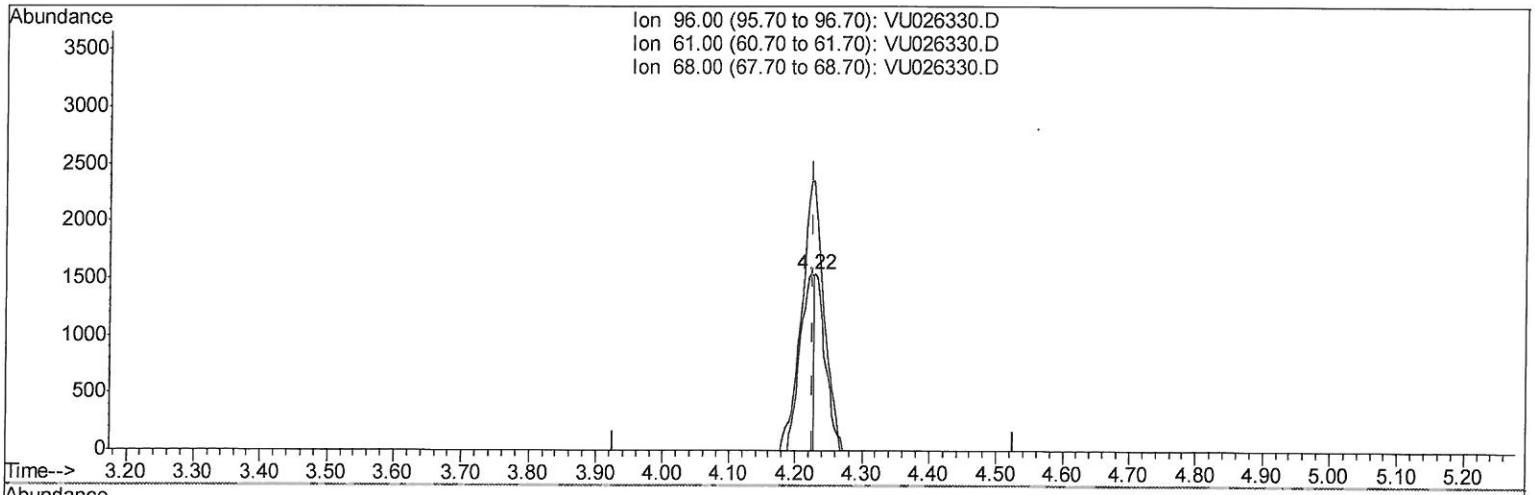
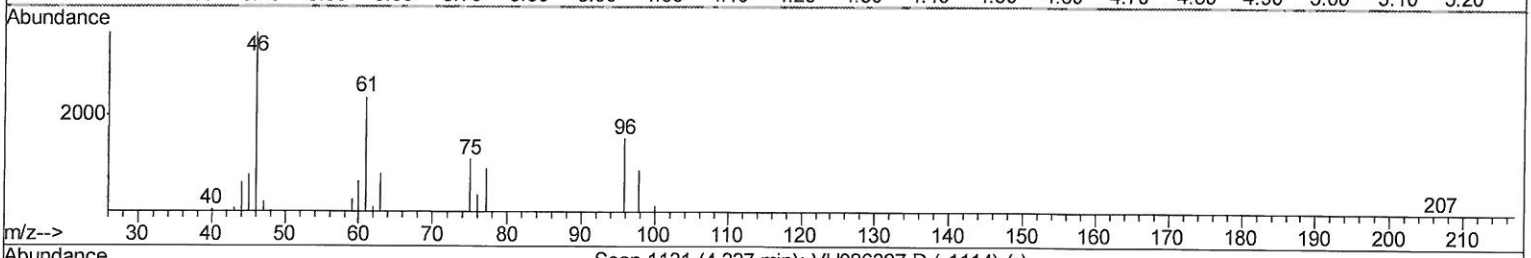
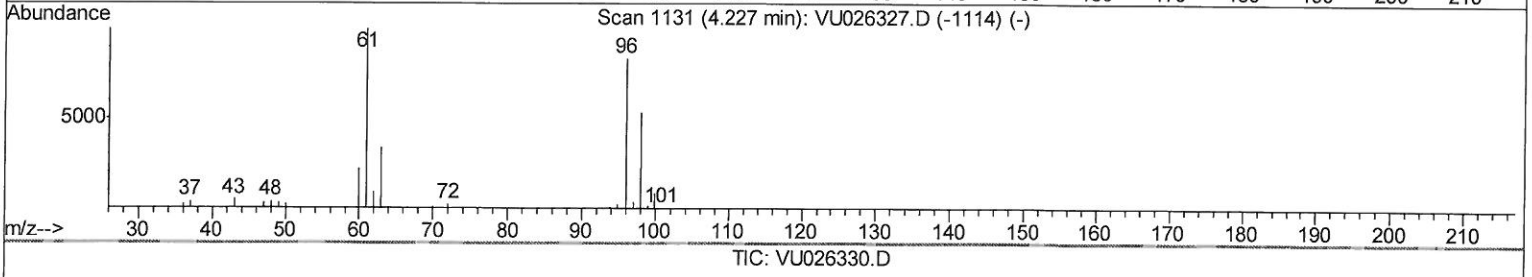
Manual Integrations APPROVED
MMDadoda
8/25/2018 1:14:16 PM







TIC: VU026330.D

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

4.223min (-0.003) 0.97ug/L

response 2172

Ion	Exp%	Act%
96.00	100	100
61.00	129.00	152.11
68.00	0.00	0.00
0.00	0.00	0.00

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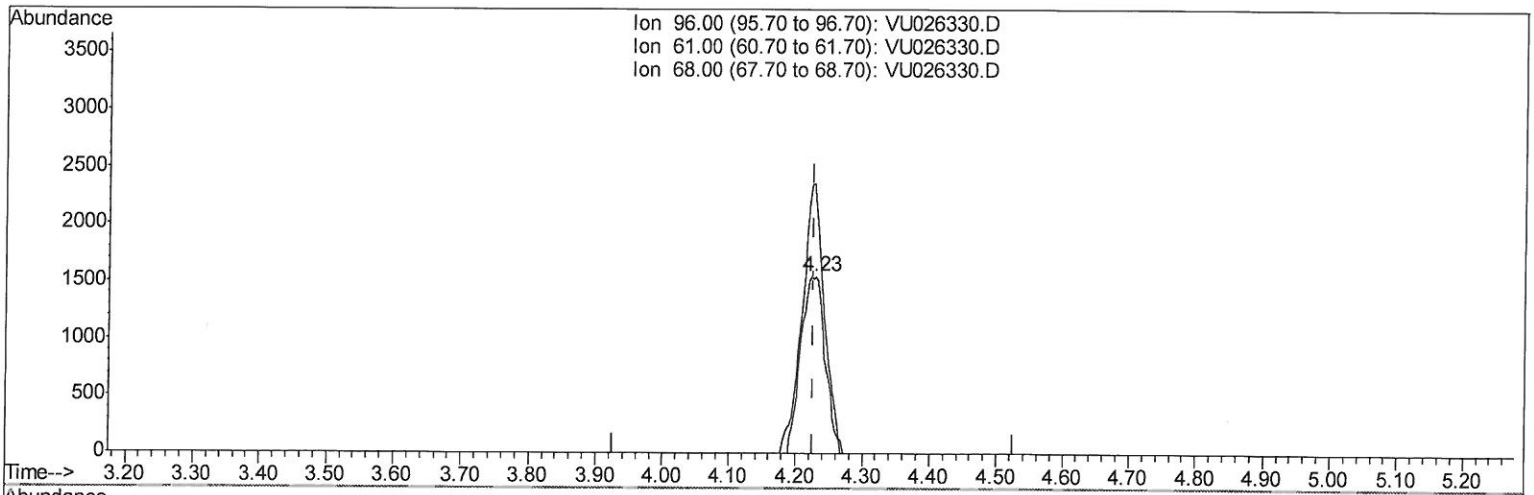
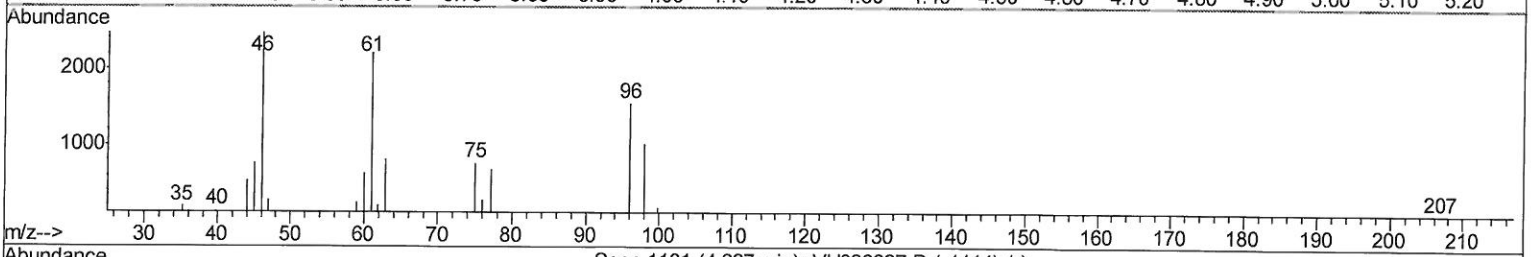
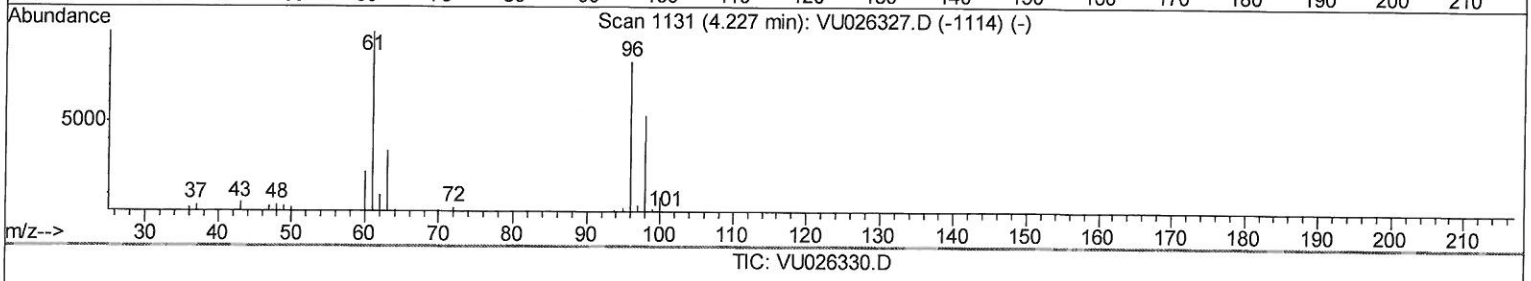
MSVOA_U
ClientSampleId :
E4430ME

Manual Integrations APPROVED
MMDadoda
8/25/2018 1:14:16 PM







TIC: VU026330.D

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

4.230min (+0.003) 1.75ug/L m

response 3934

> MD 08/28/18

Ion	Exp%	Act%
96.00	100	100
61.00	129.00	143.02
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E4430ME

Manual Integrations APPROVED
MMDadoda
8/25/2018 1:14:16 PM

Quant Time: Aug 25 03:54:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 25 02:29:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	313688	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	305113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140180	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	67528	35.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.58%			
7) Chloroethane-d5	1.66	69	60702	38.91	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.82%			
11) 1,1-Dichloroethene-d2	2.27	63	105199	27.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.94%#			
21) 2-Butanone-d5	4.18	46	117158	76.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.72%			
24) Chloroform-d	4.65	84	163561	38.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.70%			
26) 1,2-Dichloroethane-d4	5.31	65	109221	39.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.70%			
32) Benzene-d6	5.34	84	320855	39.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.62%			
36) 1,2-Dichloropropane-d6	6.33	67	105191	40.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.28%			
41) Toluene-d8	7.57	98	286952	36.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.56%#			
43) trans-1,3-Dichloropropene-	7.85	79	49009	36.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.38%			
47) 2-Hexanone-d5	8.31	63	85702	76.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.51%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151662	39.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 78.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	123678	41.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.16%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	3934m	1.751	ug/L	
34) Trichloroethene	6.19	95	6637	3.017	ug/L	98
46) Tetrachloroethene	8.23	164	17066	9.017	ug/L	95

MD 08/28/18

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