

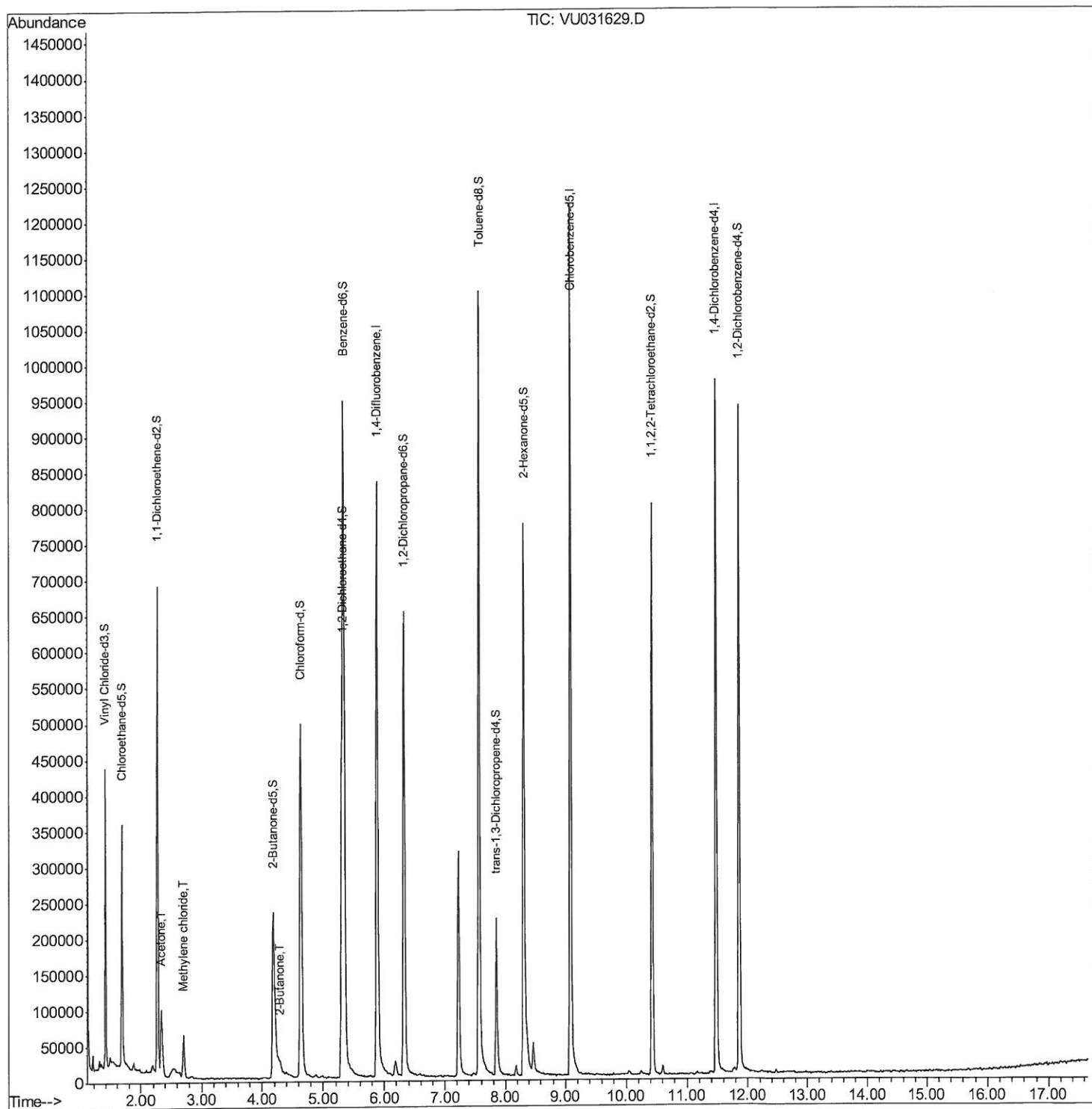
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031629.D
Acq On : 30 Apr 2019 13:22
Operator : JC/SP
Sample : K2606-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5143

Manual Integrations
APPROVED

MMDadoda
5/1/2019 11:16:13 AM

Quant Time: May 01 11:15:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Quantitation Report (Qedit)

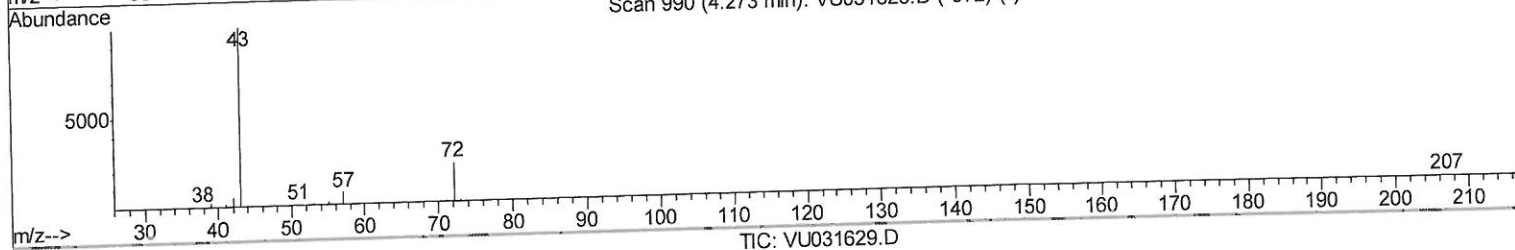
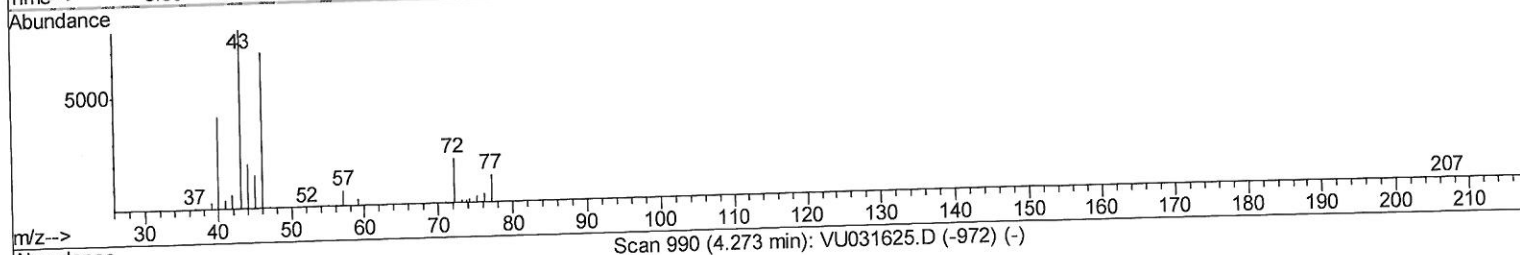
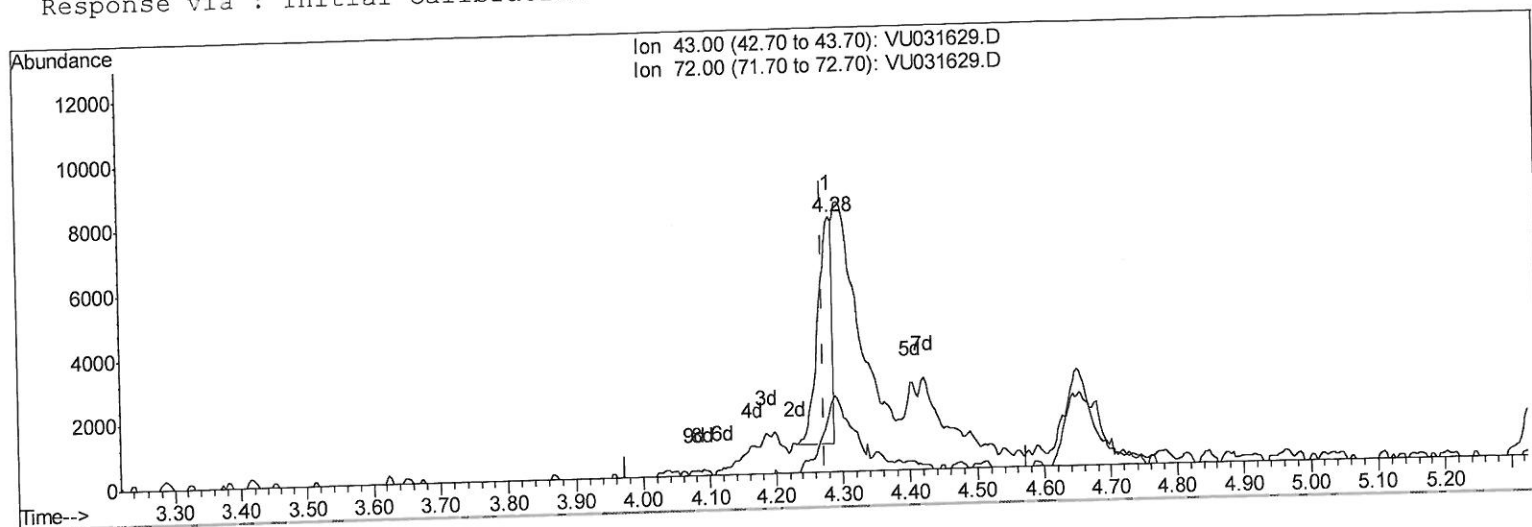
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Quant Time: May 01 01:42:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration



(22) 2-Butanone (T)

4.283min (+0.010) 1.60ug/L

response 10099

Ion	Exp%	Act%
43.00	100	100
72.00	22.80	62.74#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Quantitation Report (Qedit)

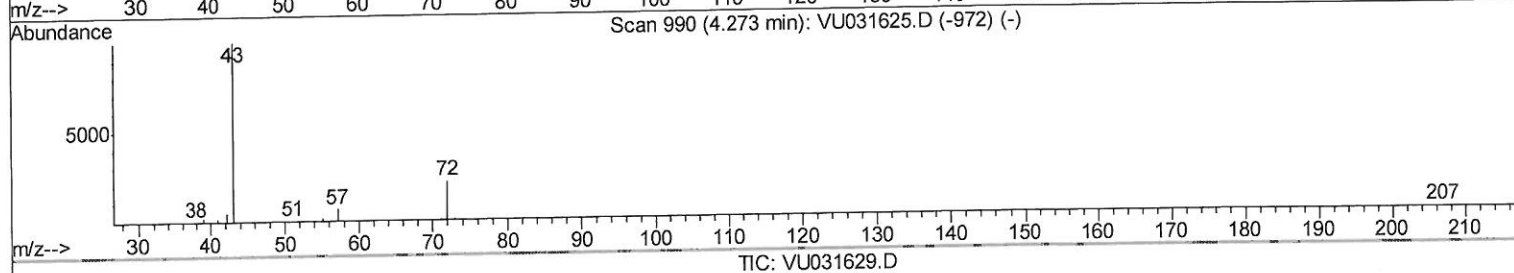
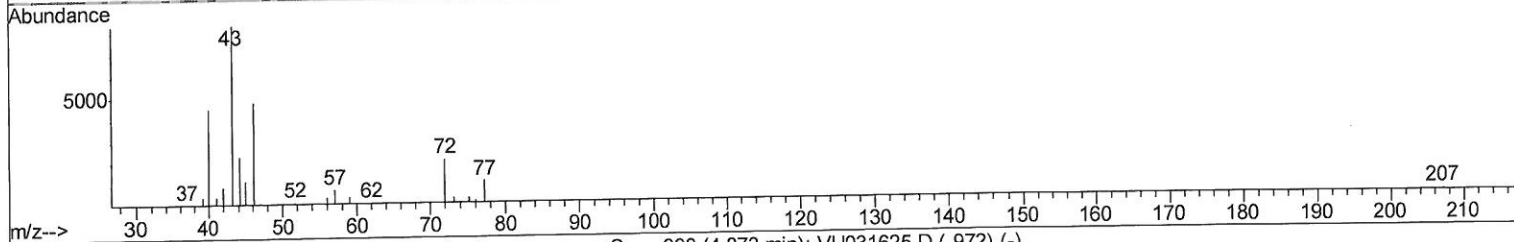
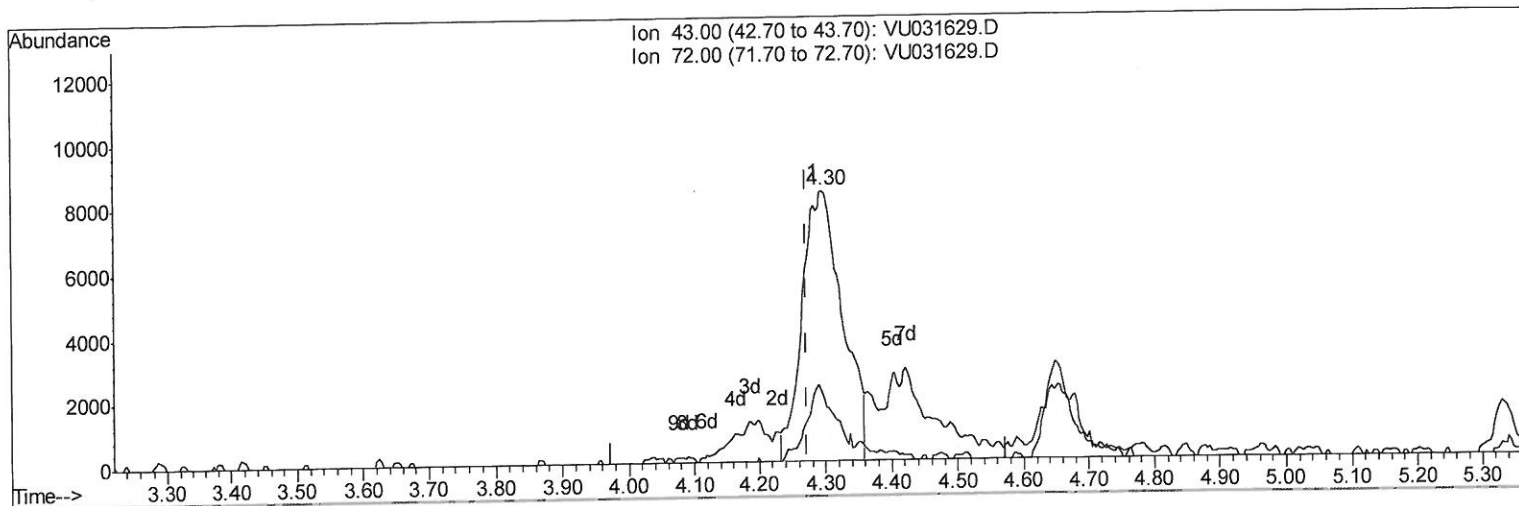
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Acq On : 30 Apr 2019 13:22
Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
A5143

Manual Integrations
APPROVED

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5/1/2019 11:16:13 AM

Quant Time: May 01 01:42:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration



TIC: VU031629.D

(22) 2-Butanone (T)

4.296min (+0.023) 5.58ug/L m

response 35171

MMD
5/2/19

Ion	Exp%	Act%
43.00	100	100
72.00	22.80	18.01
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031629.D
Acq On : 30 Apr 2019 13:22
Operator : JC/SP
Sample : K2606-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5143

Manual Integrations
APPROVED

MMDadoda
5/1/2019 11:16:13 AM

Quant Time: May 01 11:15:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	665684	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	631622	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233142	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	279661	50.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	216333	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.50%
11) 1,1-Dichloroethene-d2	2.27	63	416597	37.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.10%
21) 2-Butanone-d5	4.19	46	457158	90.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.57%
24) Chloroform-d	4.64	84	470482	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
26) 1,2-Dichloroethane-d4	5.31	65	320798	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
32) Benzene-d6	5.34	84	900392	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
36) 1,2-Dichloropropane-d6	6.33	67	328517	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.28%
41) Toluene-d8	7.56	98	730716	43.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.50%
43) trans-1,3-Dichloropropene-	7.85	79	129586	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.48%
47) 2-Hexanone-d5	8.31	63	246790	83.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	403786	44.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	225828	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%

Target Compounds				Ovalue	
13) Acetone	2.34	43	126124	22.181	ug/L 97
16) Methylene chloride	2.70	84	25335	4.133	ug/L 97
22) 2-Butanone	4.30	43	35171m	5.583	ug/L

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

7 m/d
5/2/19