

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\

Data File : VU030663.D

Acq On : 04 Apr 2019 05:45

Operator : JC/SP

Sample : K2246-02

Misc : 5.56g/5mL/100uL/5.0mL/MSVOA_U/MEOH

ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 04 08:52:23 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Apr 04 07:55:17 2019

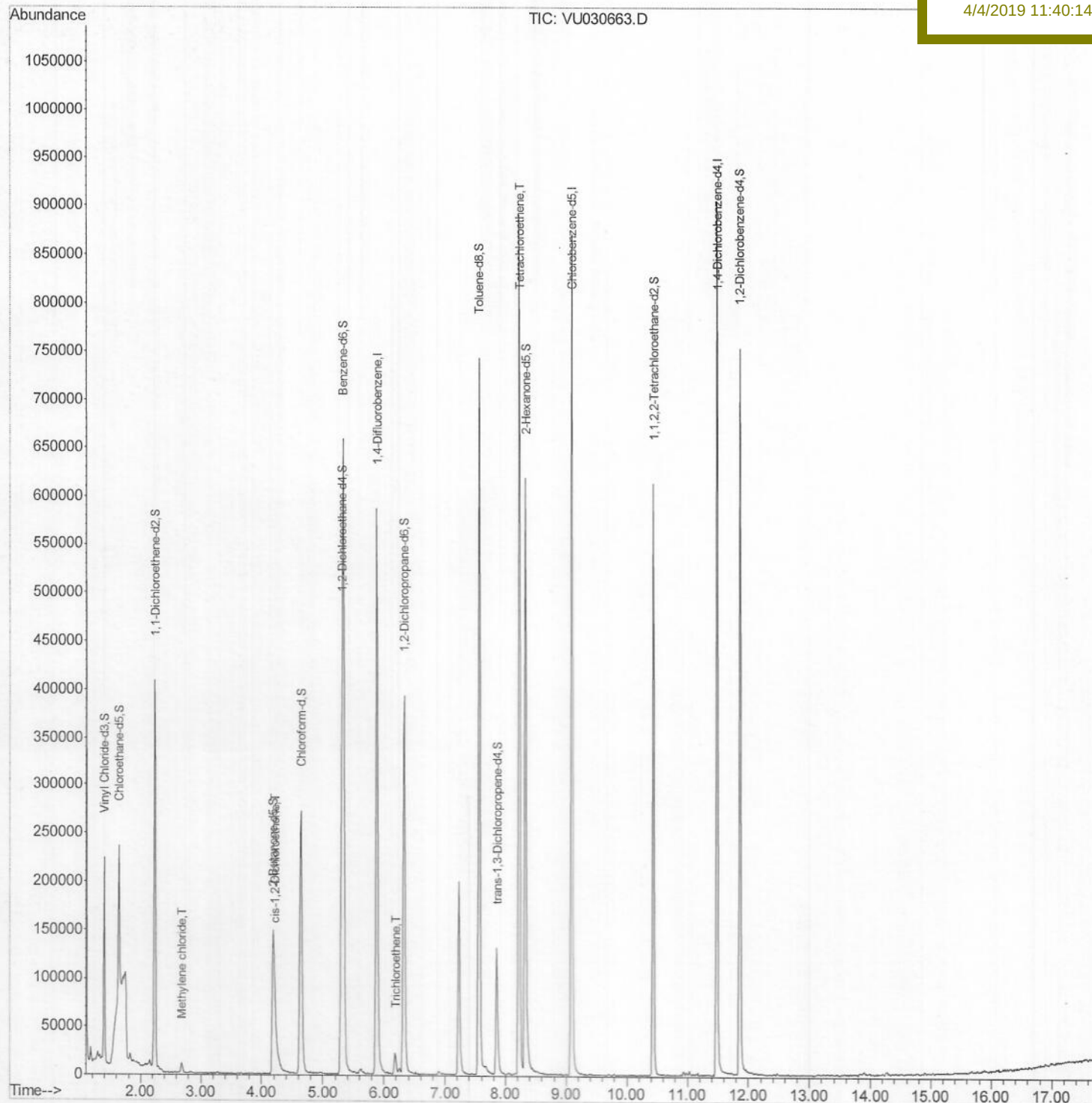
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

BF149

Manual Integrations
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4/4/2019 11:40:14 AM

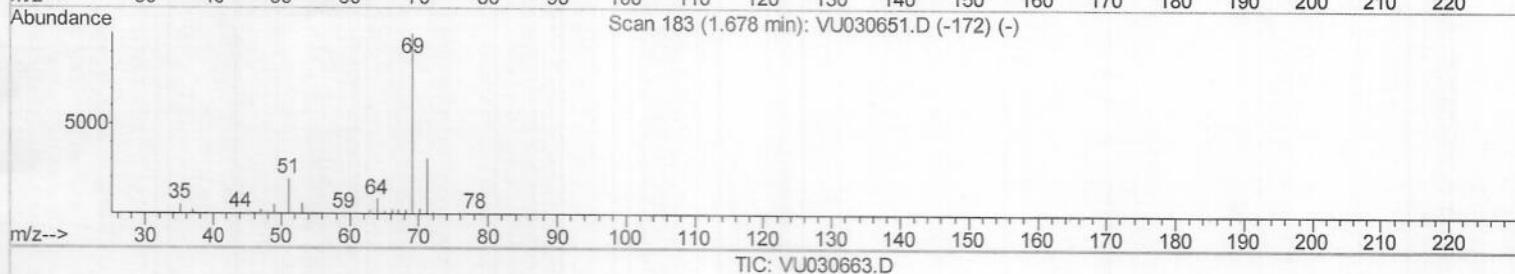
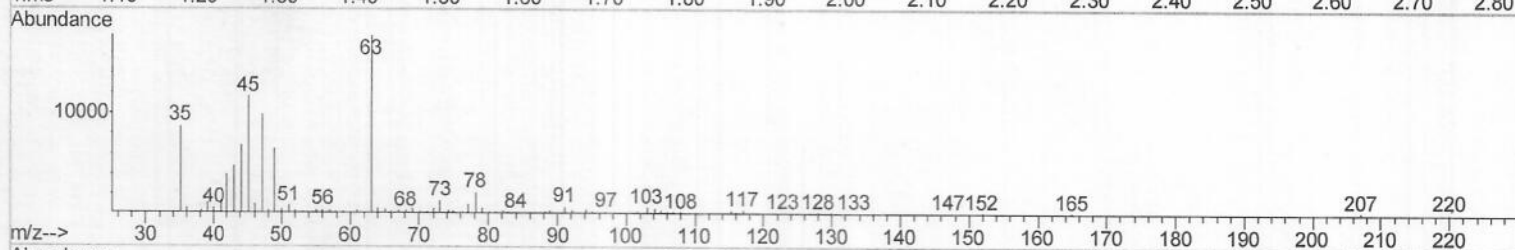
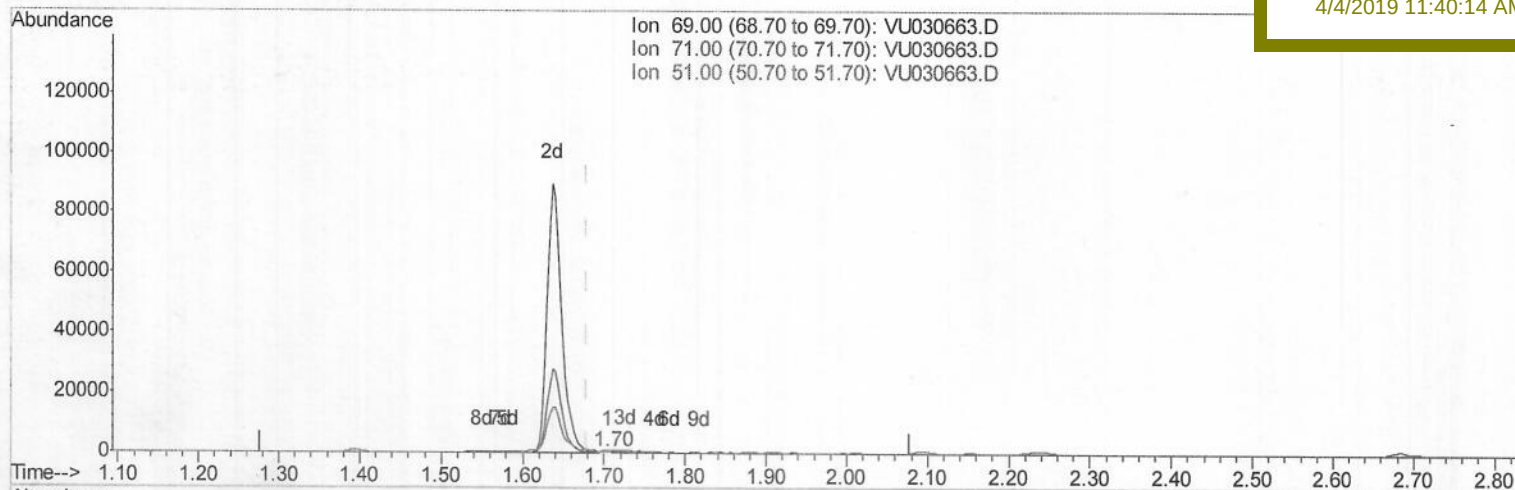
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Data File : VU030663.D
Acq On : 04 Apr 2019 05:45
Operator : JC/SP
Sample : K2246-Q2
Misc : 5.56µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 04 08:08:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 07:55:17 2019
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(7) Chloroethane-d5 (S)

1.704min (+0.026) 0.16ug/L

response 540

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	31.67
51.00	28.60	67.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

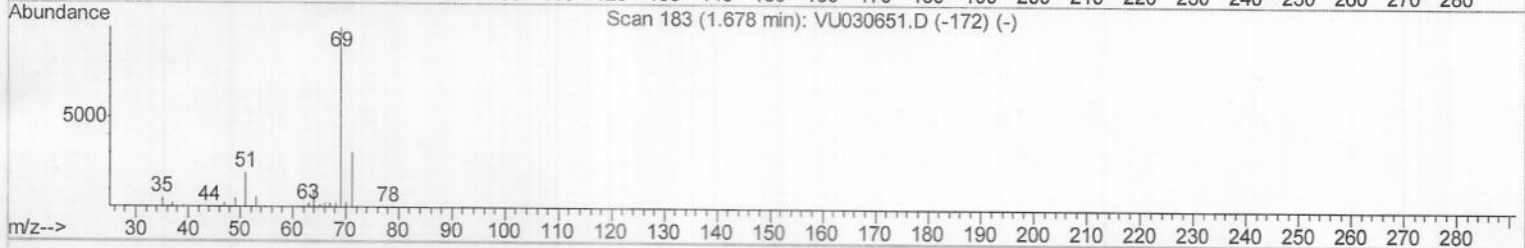
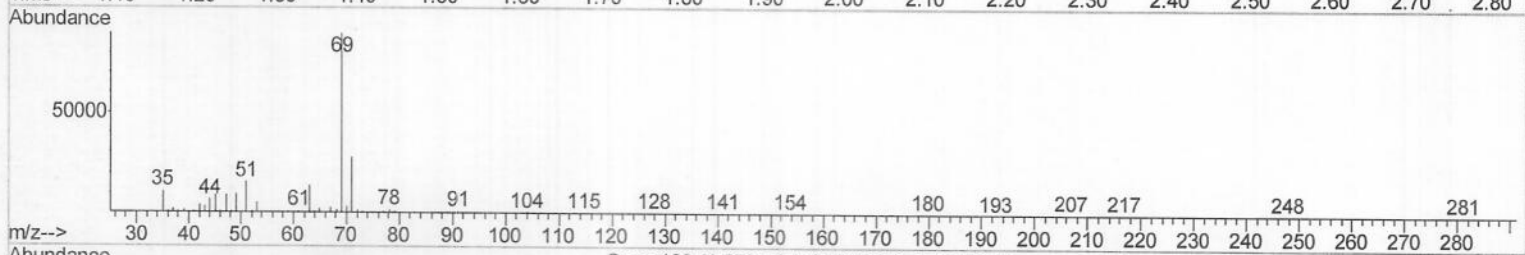
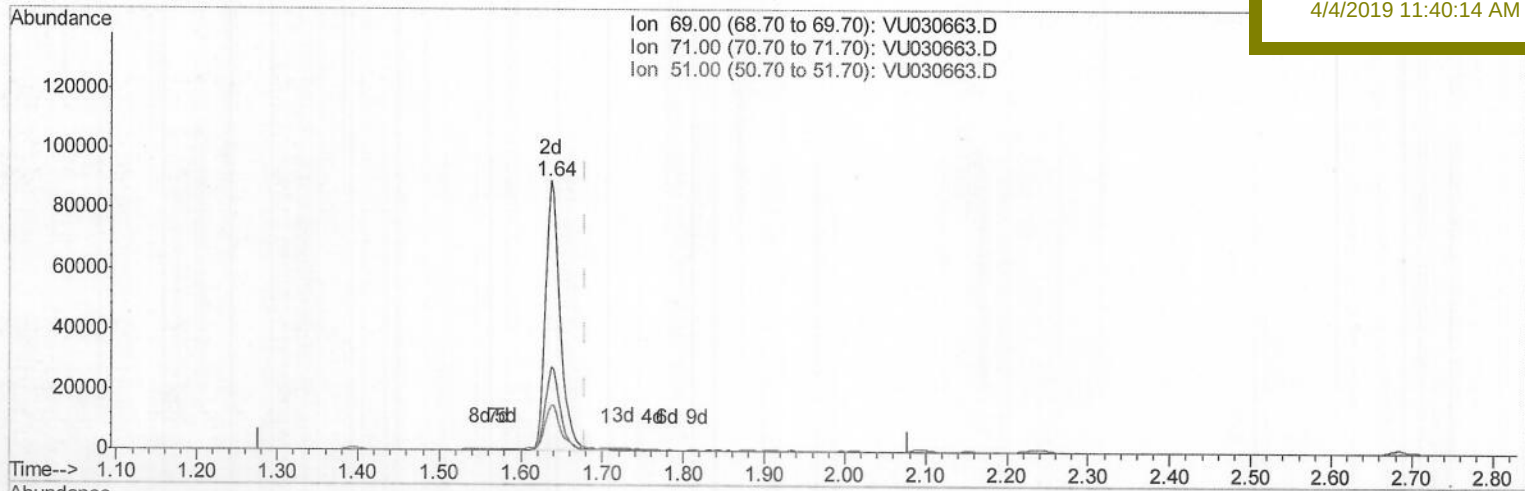
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 ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 04 08:08:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
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TIC: VU030663.D

(7) Chloroethane-d5 (S)

1.637min (-0.042) 33.20ug/L m

response 111370

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.15#
51.00	28.60	0.33#
0.00	0.00	0.00

N.D.
04/19/19

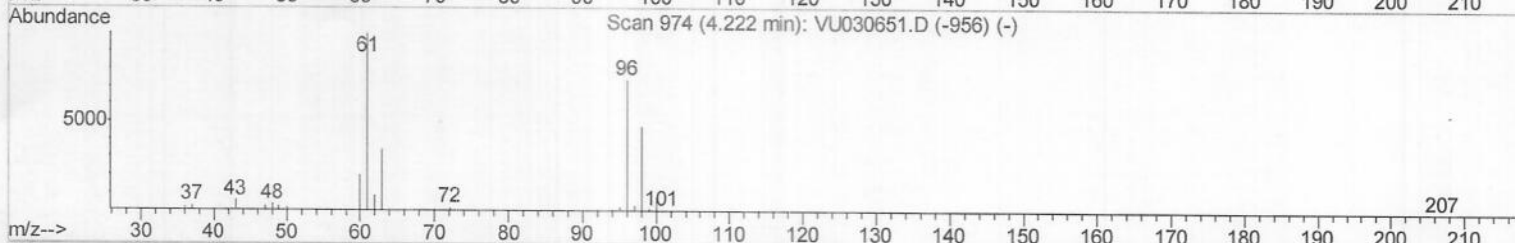
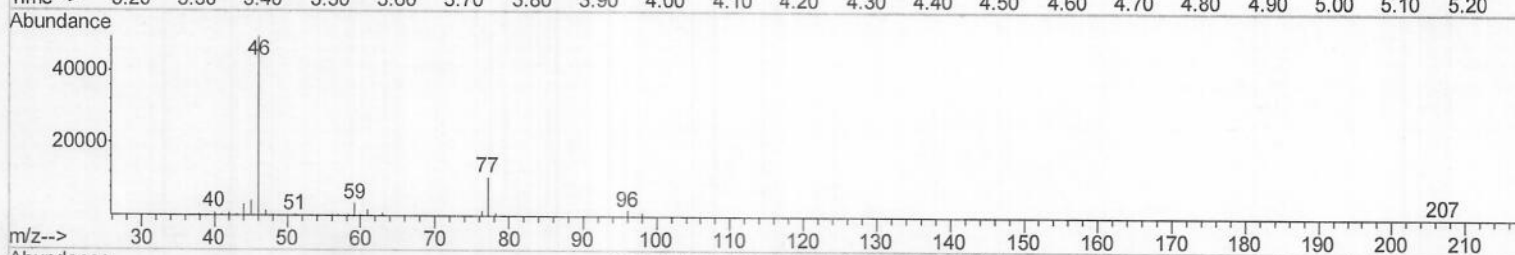
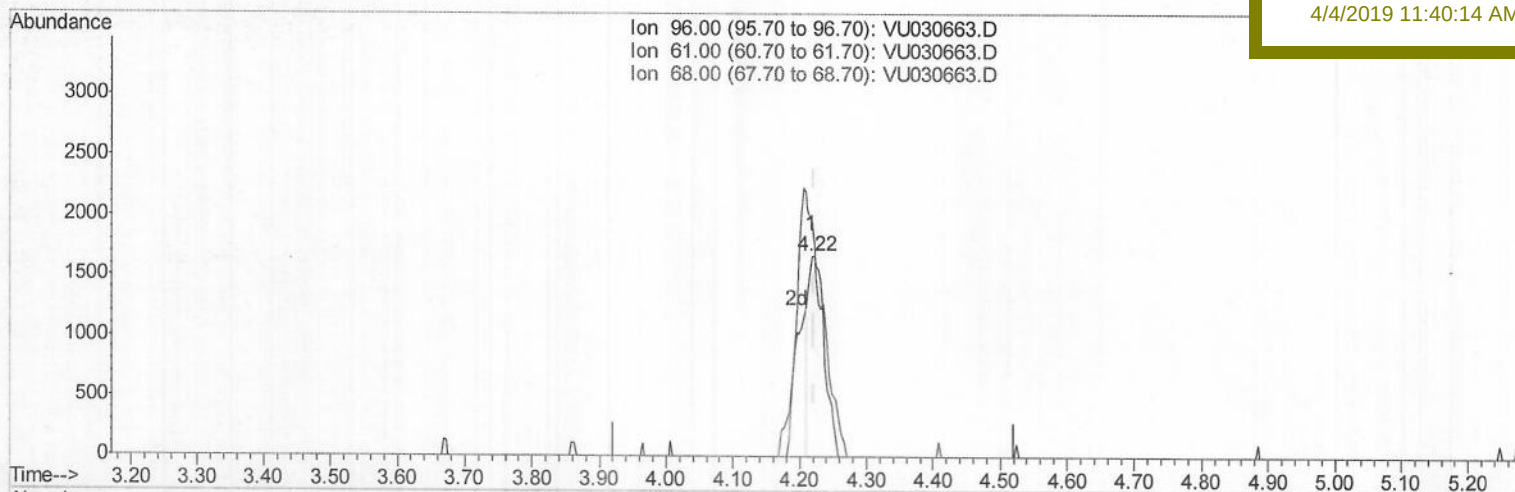
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TIC: VU030663.D

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

4.219min (-0.003) 0.64ug/L

response 2814

Ion	Exp%	Act%
96.00	100	100
61.00	140.60	116.74
68.00	0.00	0.00
0.00	0.00	0.00

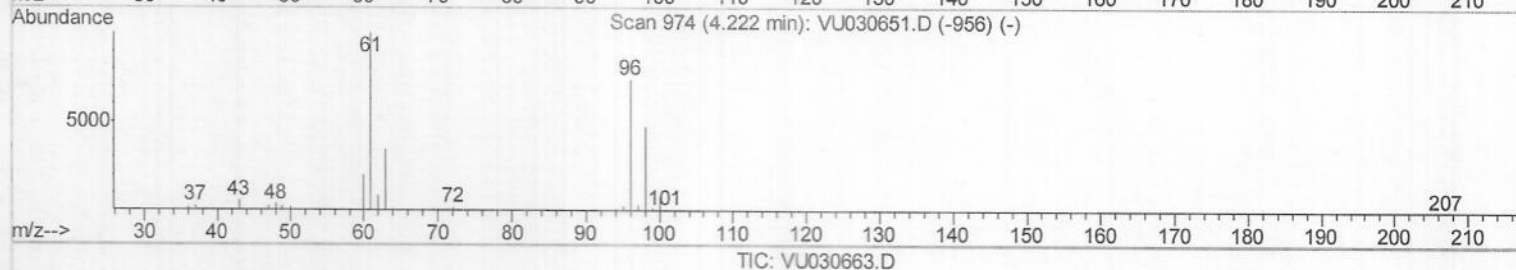
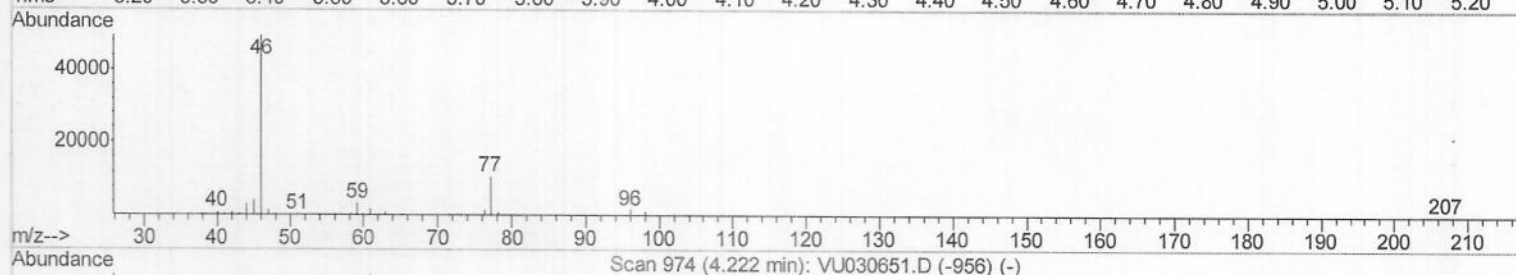
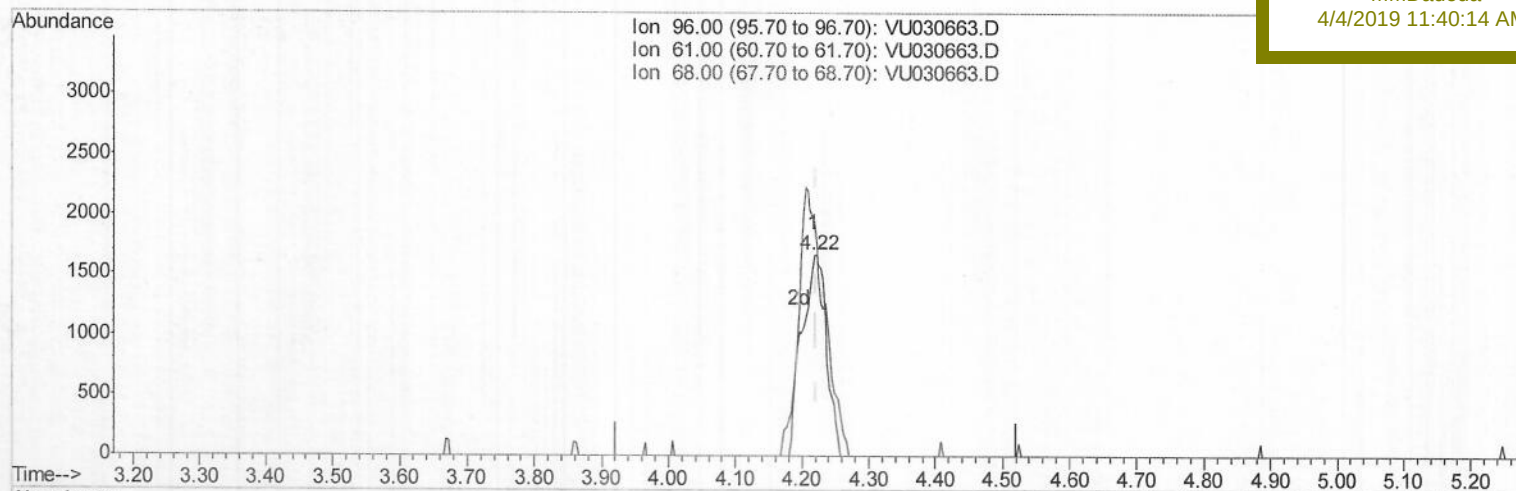
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Operator : JC/SP
Sample : K2246-02
Misc : 5.56g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 04 08:08:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 07:55:17 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampled :
BF149

Manual Integrations
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4/4/2019 11:40:14 AM



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

4.219min (-0.003) 0.96ug/L m

response 4266

Ion	Exp%	Act%
96.00	100	100
61.00	140.60	116.74
68.00	0.00	0.00
0.00	0.00	0.00

M.D
04/19/19

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 Operator : JC/SP
 Sample : K2246-02
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 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	525832	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	509144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	159615	37.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.44%		
7) Chloroethane-d5	1.64	69	111370m	33.20	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	66.40%#		
11) 1,1-Dichloroethene-d2	2.24	63	245513	30.58	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.16%		
21) 2-Butanone-d5	4.19	46	346920	87.21	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.21%		
24) Chloroform-d	4.64	84	291898	40.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.06%		
26) 1,2-Dichloroethane-d4	5.30	65	204561	42.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.76%		
32) Benzene-d6	5.33	84	621774	42.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.16%		
36) 1,2-Dichloropropane-d6	6.32	67	219101	43.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.72%		
41) Toluene-d8	7.56	98	524021	39.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.92%#		
43) trans-1,3-Dichloropropene-	7.85	79	90743	38.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.26%		
47) 2-Hexanone-d5	8.32	63	244000	90.13	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.13%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	321771	45.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.02%		
64) 1,2-Dichlorobenzene-d4	11.86	152	200697	43.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.14%		

Target Compounds

				Ovalue
16) Methylene chloride	2.69	84	4878	1.100 ug/L 90
20) cis-1,2-Dichloroethene	4.22	96	4266m	0.964 ug/L
34) Trichloroethene	6.18	95	8168	1.917 ug/L 91
46) Tetrachloroethene	8.22	164	203165	68.269 ug/L 95

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

REV
 04/19/19