

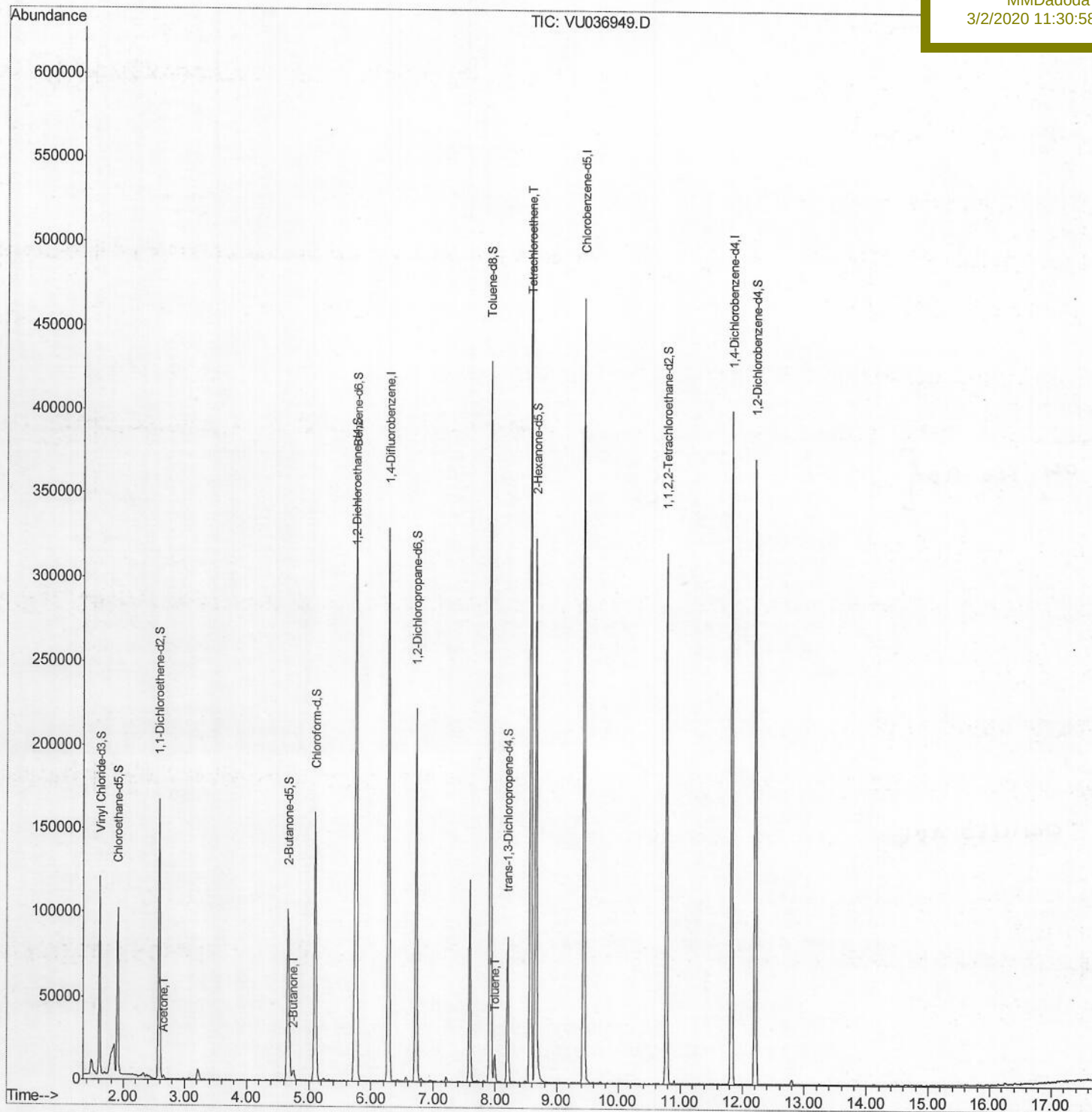
Data File : VU036949.D
Acq On : 27 Feb 2020 17:42
Operator : JC/MD
Sample : L1686-07 5X
Misc : 6.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 27 23:34:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAW04

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:30:58 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022720\
Quantitation Report (Qedit)

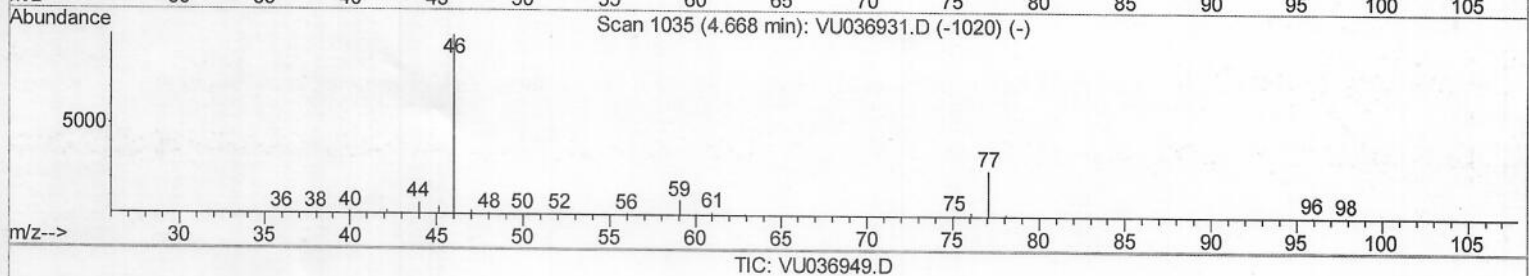
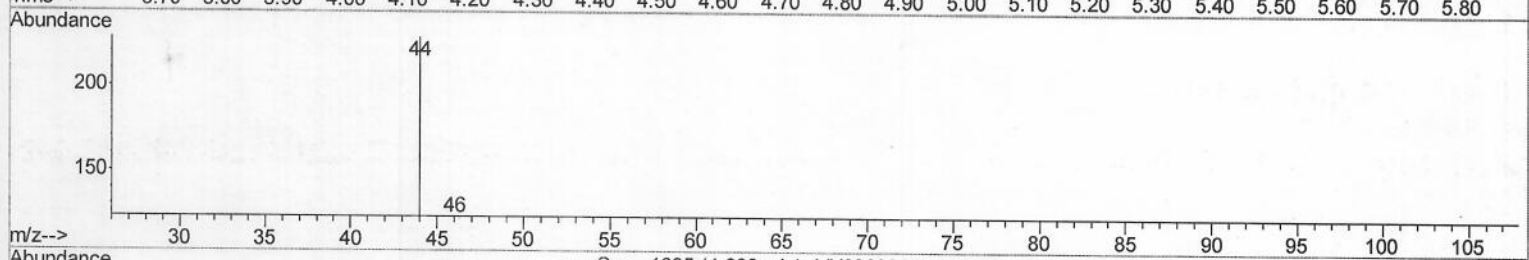
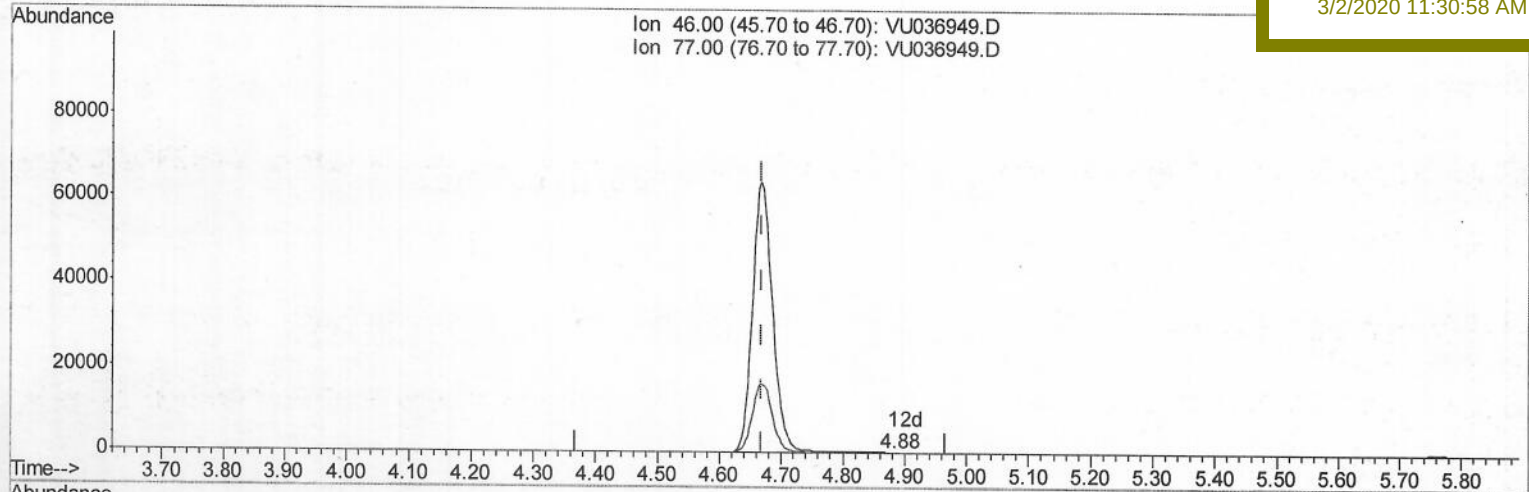
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Quant Time: Feb 27 22:04:59 2020
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(21) 2-Butanone-d5 (S)

4.883min (+0.215) 0.06ug/L

response 87

Ion	Exp%	Act%
46.00	100	100
77.00	25.50	42741.38#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022720\
Quantitation Report (Qedit)

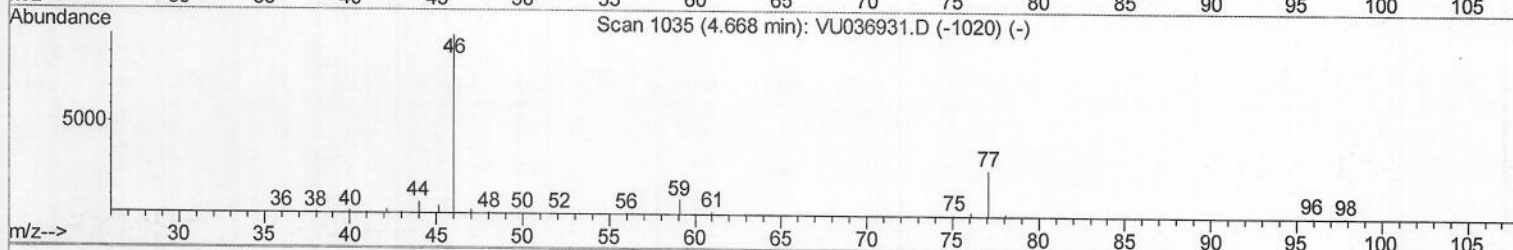
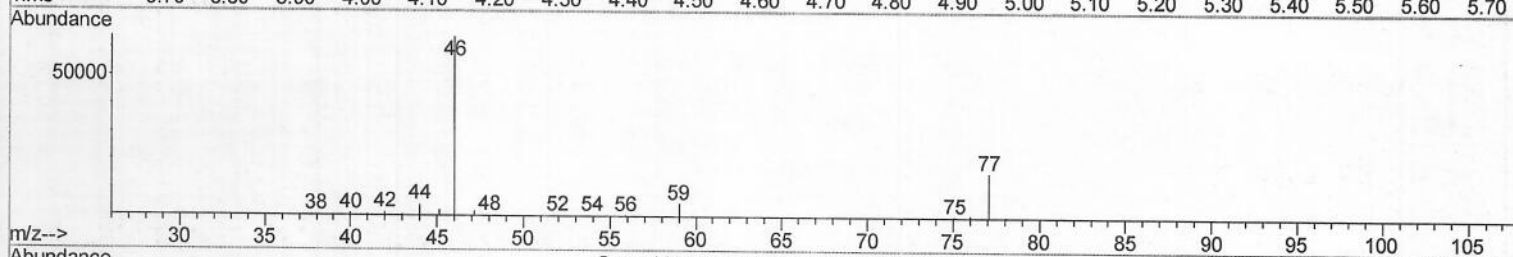
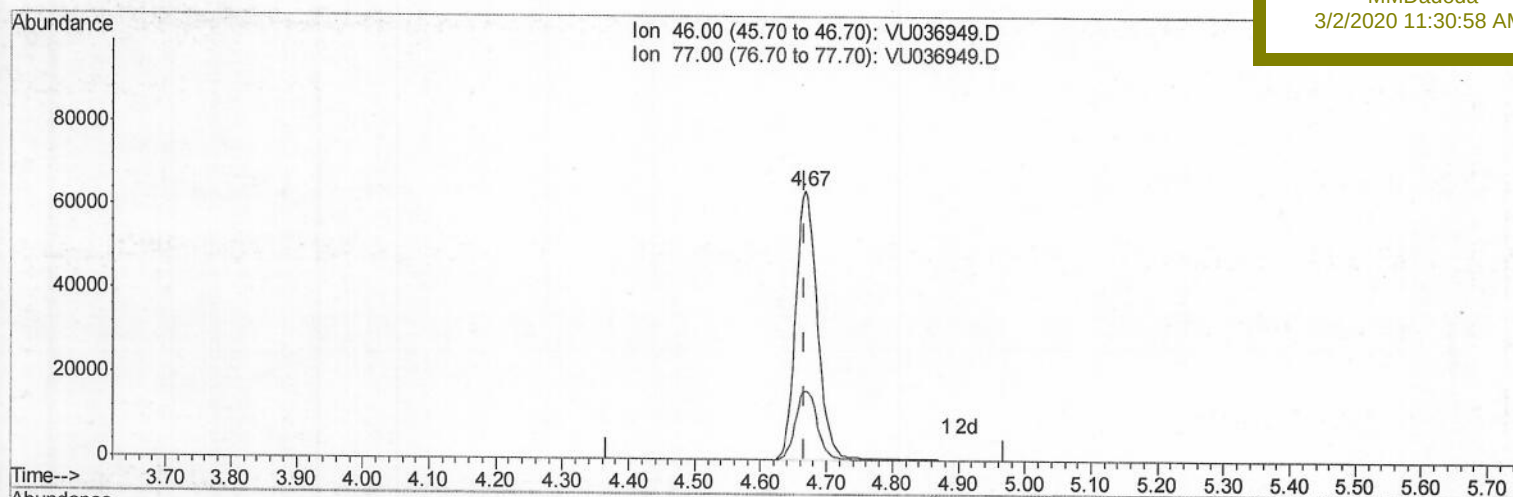
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Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAW04

Manual Integrations
APPROVED

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3/2/2020 11:30:58 AM



TIC: VU036949.D

(21) 2-Butanone-d5 (S)

4.668min (-0.000) 101.58ug/L m

response 144774

Ion	Exp%	Act%
46.00	100	100
77.00	25.50	25.68
0.00	0.00	0.00
0.00	0.00	0.00

M.D
03/03/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022720\
Quantitation Report (QT Reviewed)

Data File : VU036949.D
Acq On : 27 Feb 2020 17:42
Operator : JC/MD
Sample : L1686-07 5X
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ALS Vial : 22 Sample Multiplier: 1

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Instrument :
MSVOA_U
Client Sampled :
GAW04

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:30:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	6.28	114	253015	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75000	35.30	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	70.60%	
7) Chloroethane-d5	1.91	69	70792	40.27	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	80.54%	
11) 1,1-Dichloroethene-d2	2.58	63	99954	28.09	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	56.18%#	
21) 2-Butanone-d5	4.67	46	144774m	101.58	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.58%	
24) Chloroform-d	5.10	84	142053	43.78	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.56%	
26) 1,2-Dichloroethane-d4	5.74	65	101280	46.13	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.26%	
32) Benzene-d6	5.76	84	311273	44.23	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.46%	
36) 1,2-Dichloropropane-d6	6.72	67	105100	46.10	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.20%	
41) Toluene-d8	7.92	98	281244	43.08	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.16%	
43) trans-1,3-Dichloropropene-	8.20	79	44458	41.96	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.92%	
47) 2-Hexanone-d5	8.66	63	114945	103.11	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	103.11%	
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156322	48.63	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.26%	
64) 1,2-Dichlorobenzene-d4	12.21	152	89381	47.48	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.96%	

MD
03/03/20

Target Compounds

					Qvalue
13) Acetone	2.66	43	2317	1.580 ug/L	67
22) 2-Butanone	4.75	43	8865	5.015 ug/L	96
42) Toluene	8.00	91	11790	1.439 ug/L	94
46) Tetrachloroethene	8.57	164	104654	84.076 ug/L	98

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