

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
Data File : VV015198.D
Acq On : 27 Mar 2020 06:35
Operator : SY/MD
Sample : L1976-16
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTJ5

Manual Integrations
APPROVED

apatel
3/27/2020 4:18:27 PM

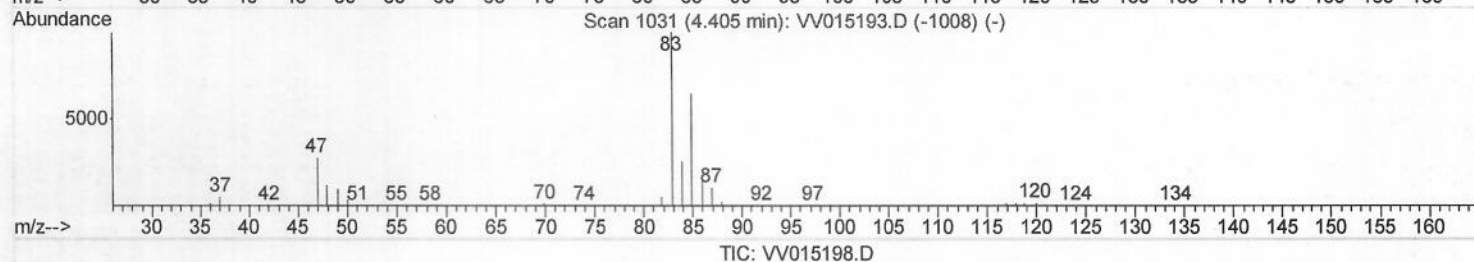
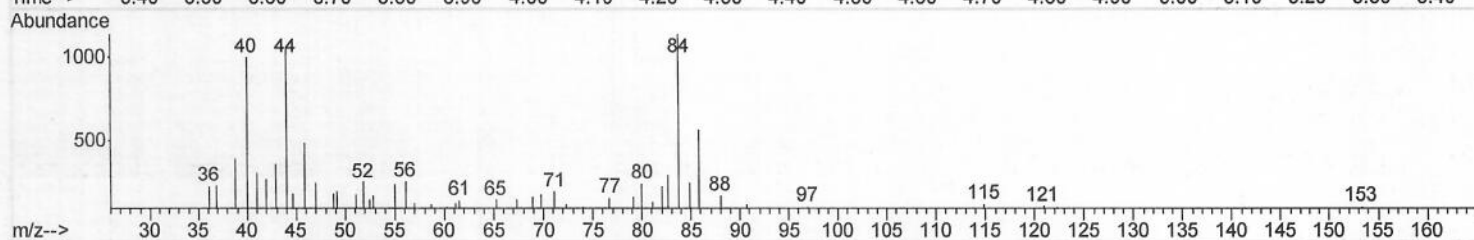
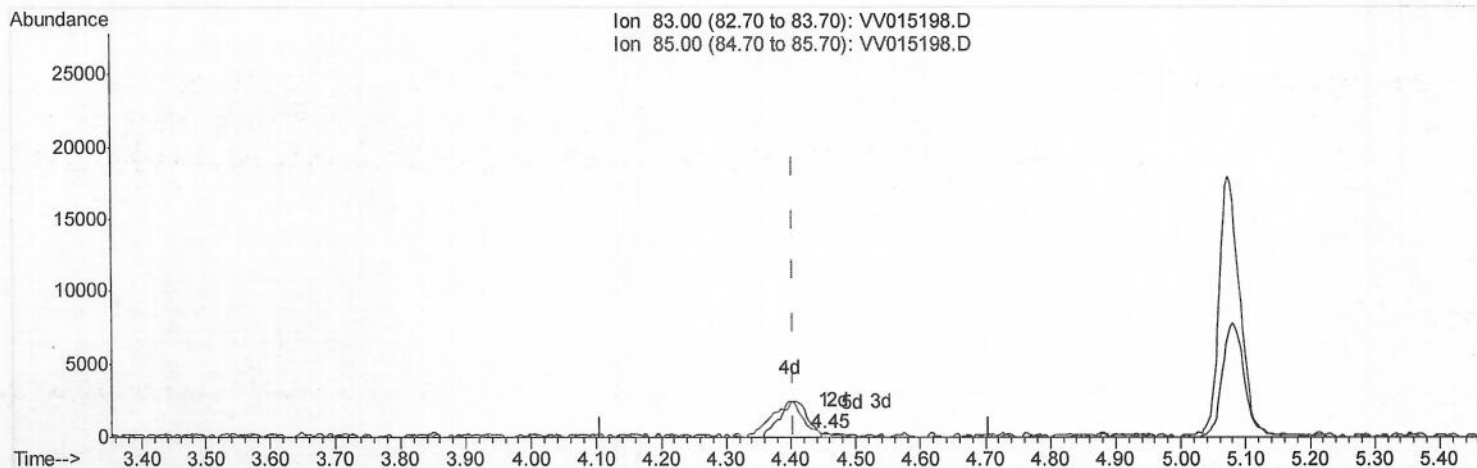
Quant Time: Mar 27 07:05:00 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Mar 27 06:56:02 2020

Response via : Initial Calibration



(25) Chloroform (T)

4.453min (+0.048) 0.03ug/L

response 237

Ion	Exp%	Act%
83.00	100	100
85.00	66.00	82.00
0.00	0.00	0.00
0.00	0.00	0.00

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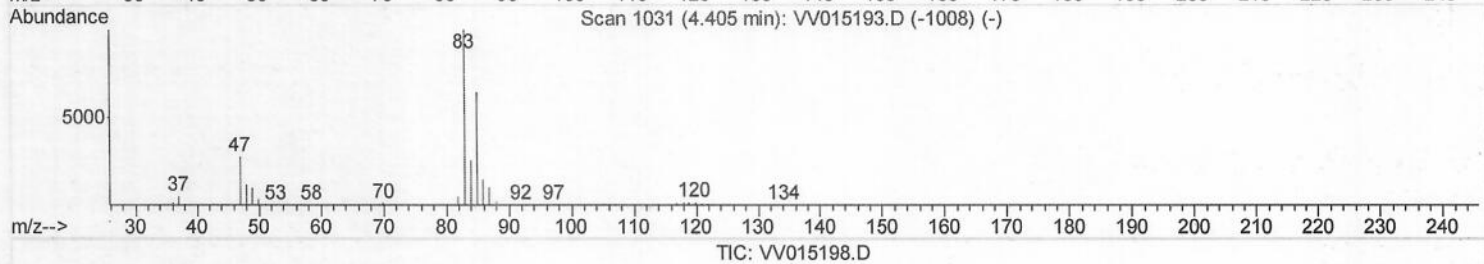
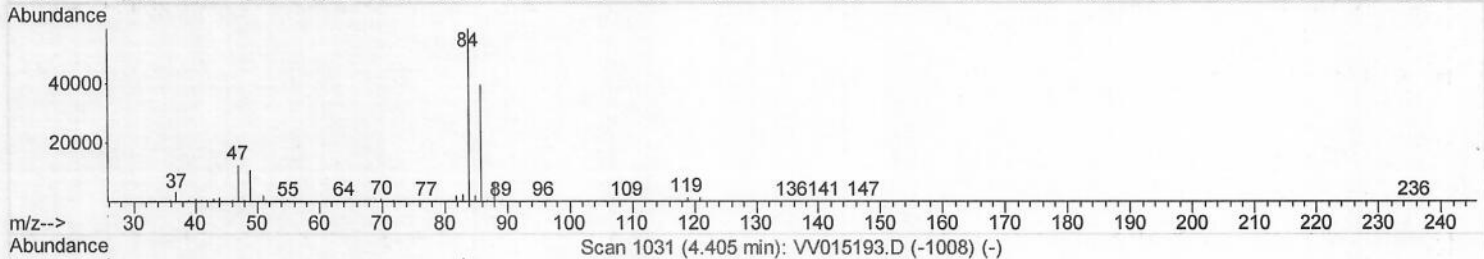
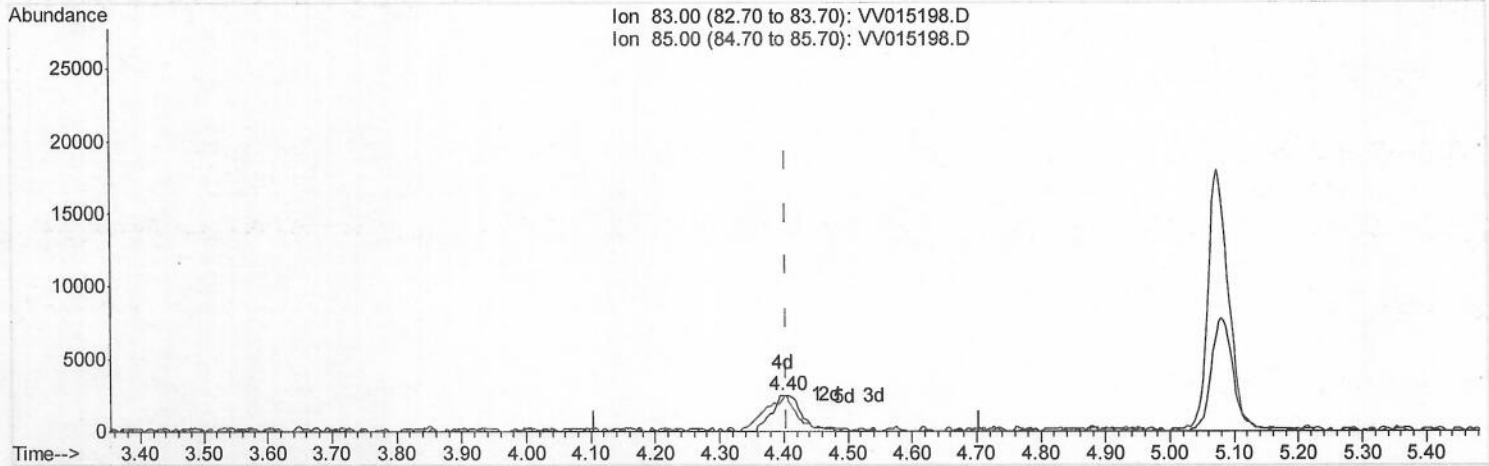
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(25) Chloroform (T)

4.399min (-0.007) 1.01ug/L m²

response 7960

Ion	Exp%	Act%
83.00	100	100
85.00	66.00	90.21#
0.00	0.00	0.00
0.00	0.00	0.00

MD
 03/30/2020

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	591228	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	559085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	236312	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	147269	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.86%
7) Chloroethane-d5	1.58	69	154419	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.58%
11) 1,1-Dichloroethene-d2	2.12	63	233097	32.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.46%
21) 2-Butanone-d5	3.93	46	278033	88.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.03%
24) Chloroform-d	4.38	84	320385	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.06	65	221246	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.08	84	620772	53.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.96%
36) 1,2-Dichloropropane-d6	6.10	67	208203	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.38%
41) Toluene-d8	7.34	98	569969	54.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.38%
43) trans-1,3-Dichloropropene-	7.64	79	72483	32.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.16%
47) 2-Hexanone-d5	8.12	63	212115	87.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	320624	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	216360	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	21024	3.623	ug/L	# 76
20) cis-1,2-Dichloroethene	3.94	96	160022	34.665	ug/L	98
25) Chloroform	4.40	83	7960m	1.009	ug/L	
34) Trichloroethene	5.94	95	130628	30.127	ug/L	99

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

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