

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Quantitation Report (QT Reviewed)

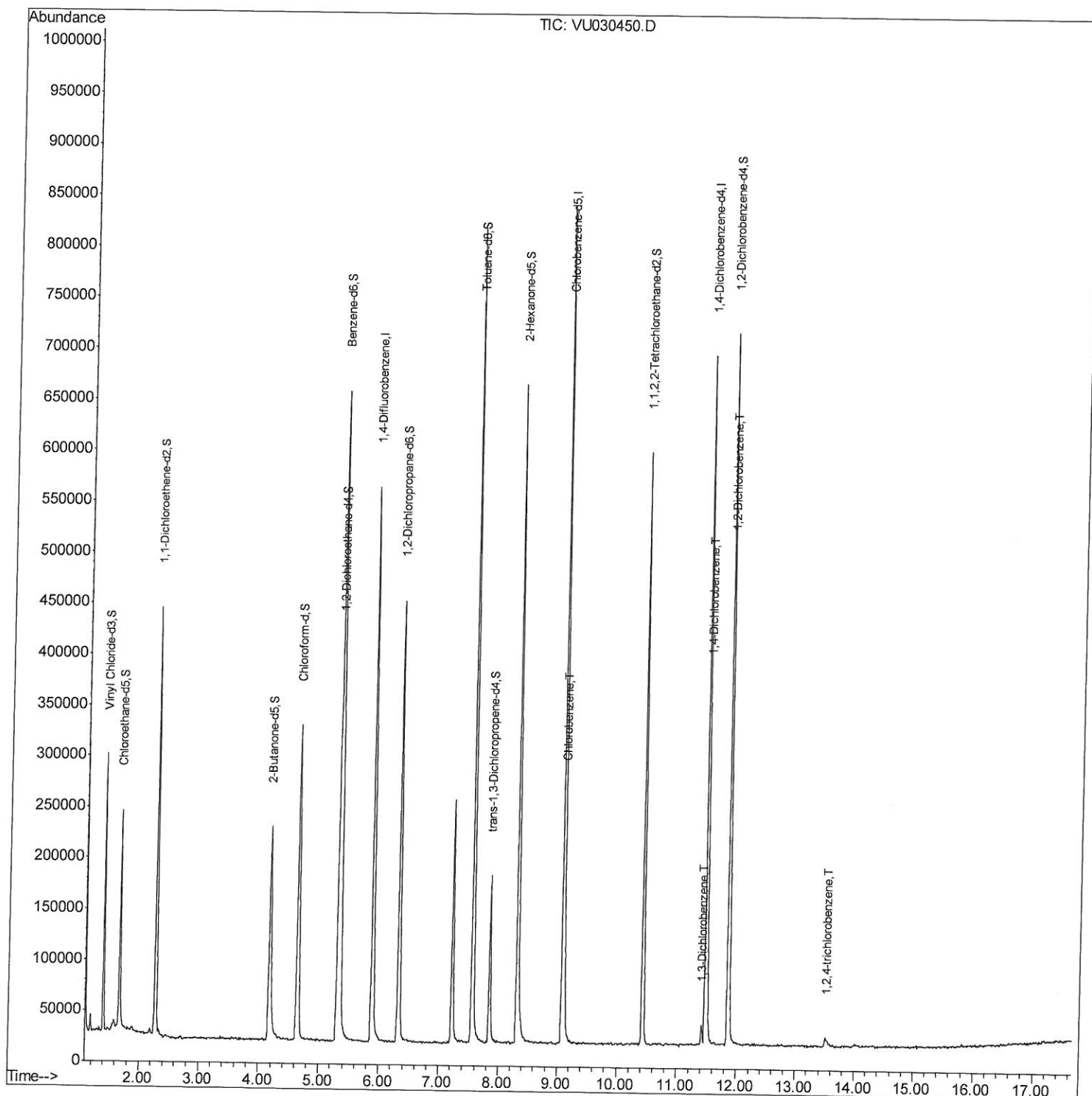
Data File : VU030450.D
Acq On : 26 Mar 2019 17:55
Operator : JC/SP
Sample : K2022-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
C09C7

Manual Integrations
APPROVED

MMDadoda
3/27/2019 9:55:50 AM

Quant Time: Mar 27 06:52:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Quantitation Report (Qedit)

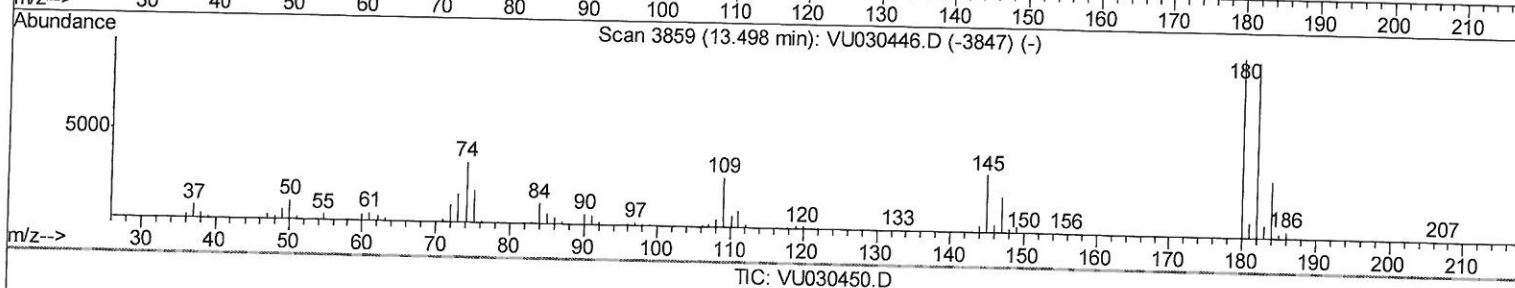
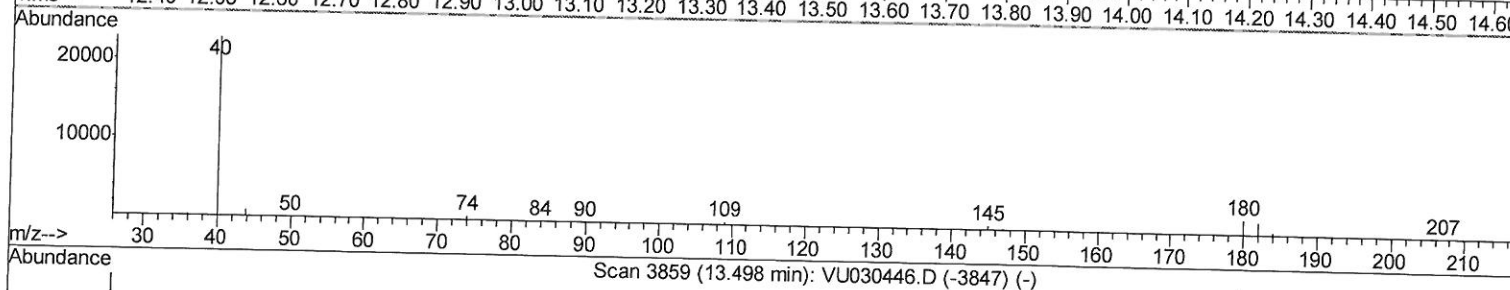
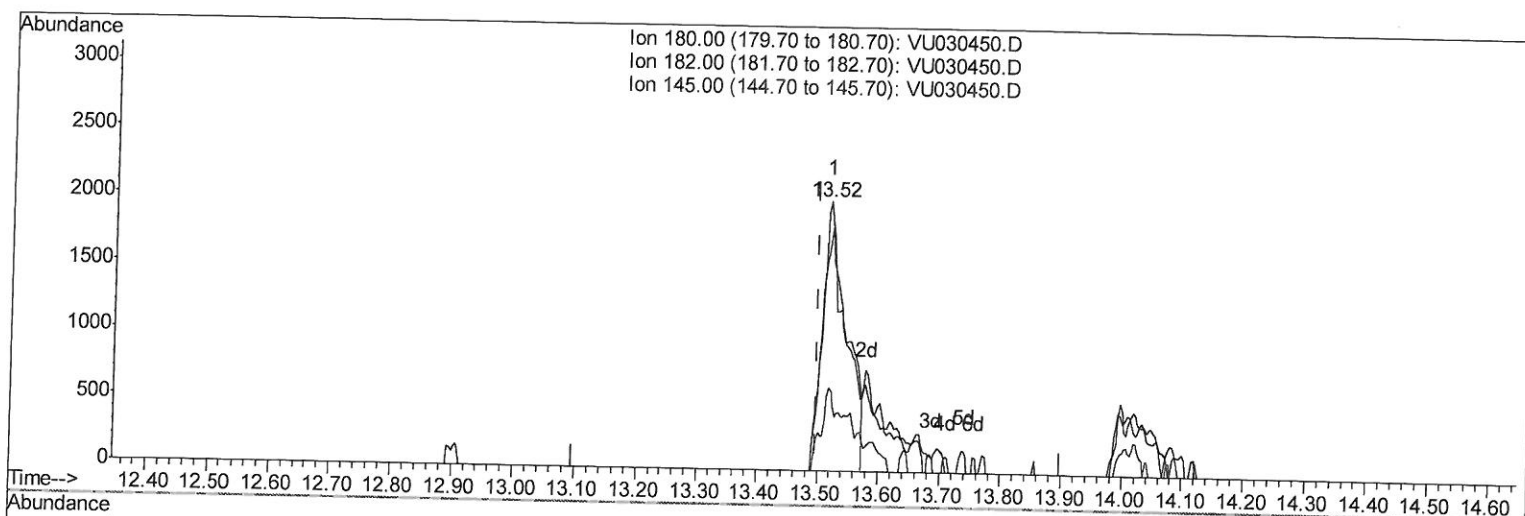
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Quant Time: Mar 27 06:03:43 2019
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(68) 1,2,4-trichlorobenzene (T)

13.517min (+0.019) 1.49ug/L

response 5351

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	55.34#
145.00	30.60	6.84#
0.00	0.00	0.00

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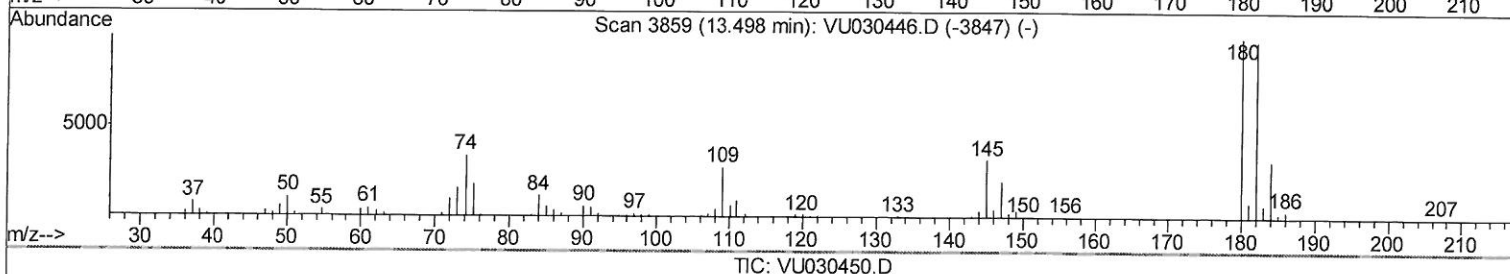
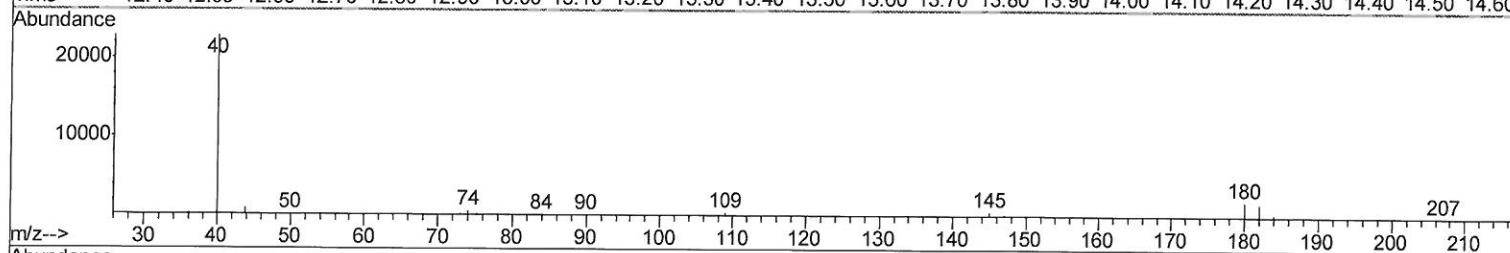
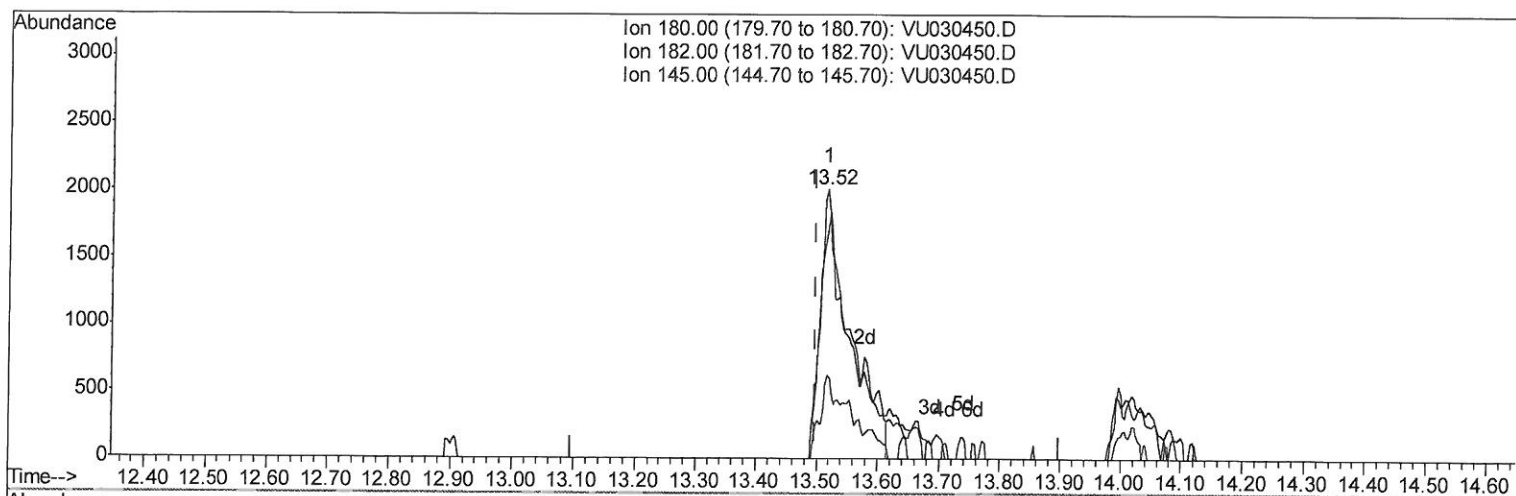
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Instrument :
MSVOA_U
ClientSampleId :
C09C7

Manual Integrations
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(68) 1,2,4-trichlorobenzene (T)

13.517min (+0.019) 1.81ug/L m

response 6519

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	45.42#
145.00	30.60	5.61#
0.00	0.00	0.00

7 MD
3/27/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	426960	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	169389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174746	48.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.28%
7) Chloroethane-d5	1.67	69	145622	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.27	63	249281	36.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.40%
21) 2-Butanone-d5	4.17	46	347308	101.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	4.64	84	310049	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
26) 1,2-Dichloroethane-d4	5.31	65	209487	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
32) Benzene-d6	5.34	84	621690	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
36) 1,2-Dichloropropane-d6	6.32	67	220053	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.06%
41) Toluene-d8	7.56	98	534920	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%
43) trans-1,3-Dichloropropene-	7.85	79	96279	48.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.76%
47) 2-Hexanone-d5	8.31	63	226224	99.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300059	50.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	179402	52.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.72%

Target Compounds

					Qvalue
51) Chlorobenzene	9.12	112	47077	5.150	ug/L 97
62) 1,3-Dichlorobenzene	11.42	146	8124	1.467	ug/L 93
63) 1,4-Dichlorobenzene	11.50	146	41016	7.192	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	29995	5.355	ug/L 93
68) 1,2,4-trichlorobenzene	13.52	180	6519m	1.809	ug/L 93

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