

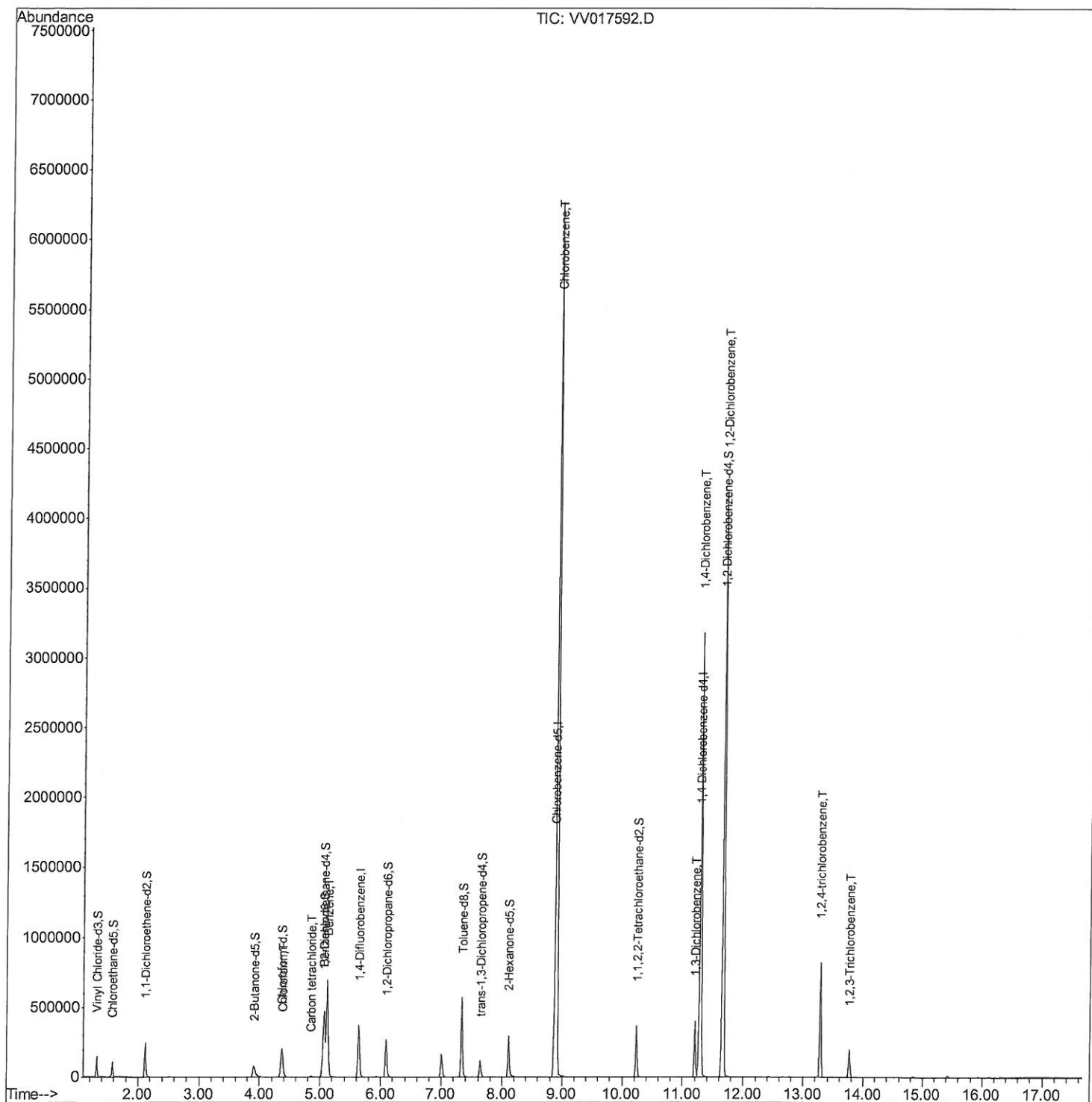
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
Data File : VV017592.D
Acq On : 22 Jul 2020 16:46
Operator : SY/MD
Sample : L3386-02 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0F83

Manual Integrations
APPROVED

MMDadoda
7/23/2020 2:07:10 PM

Quant Time: Jul 23 06:27:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 23 05:23:23 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

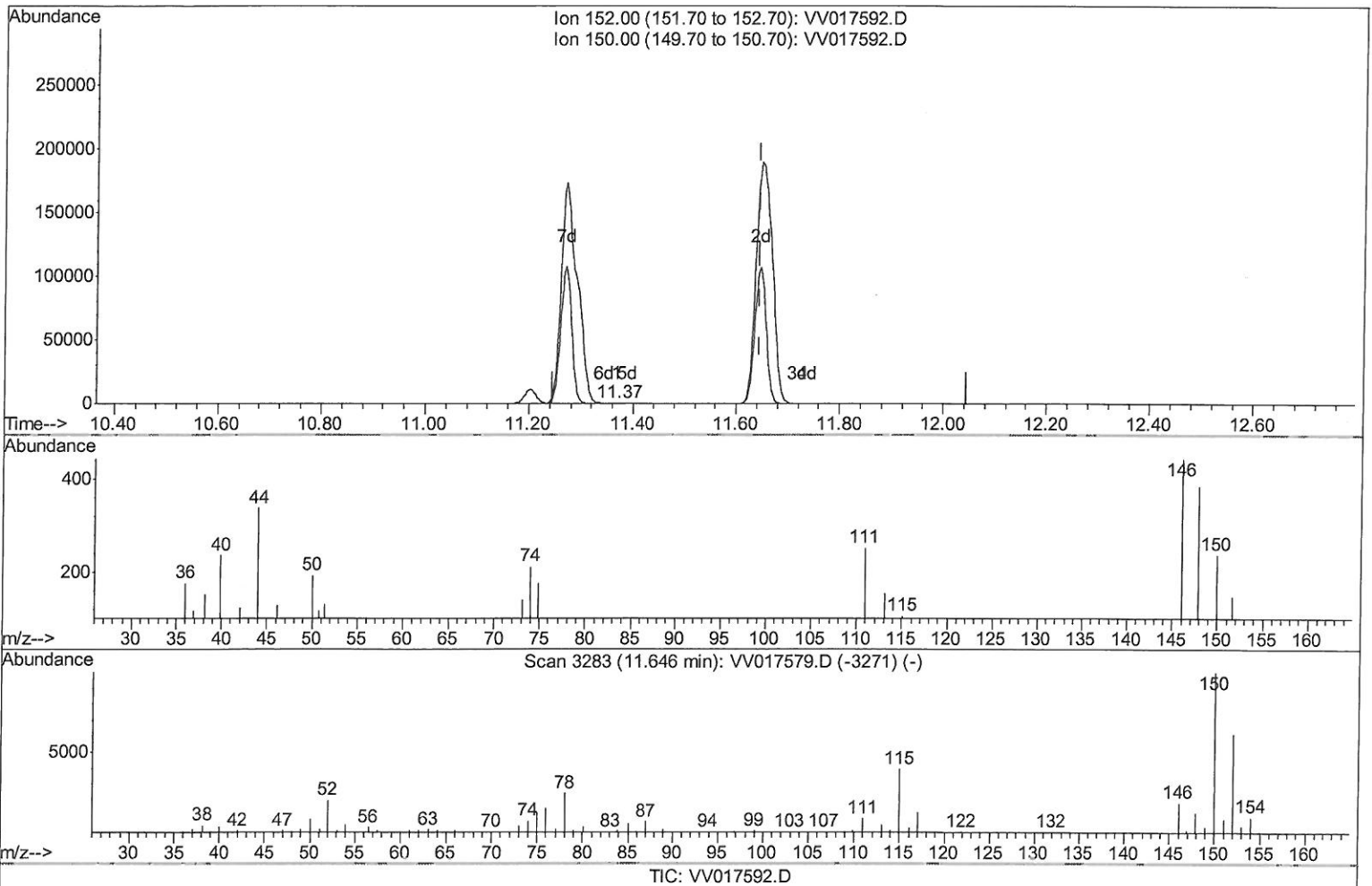
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(64) 1,2-Dichlorobenzene-d4 (S)

11.370min (-0.277) 0.04ug/L

response 142

Ion	Exp%	Act%
152.00	100	100
150.00	171.30	134.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

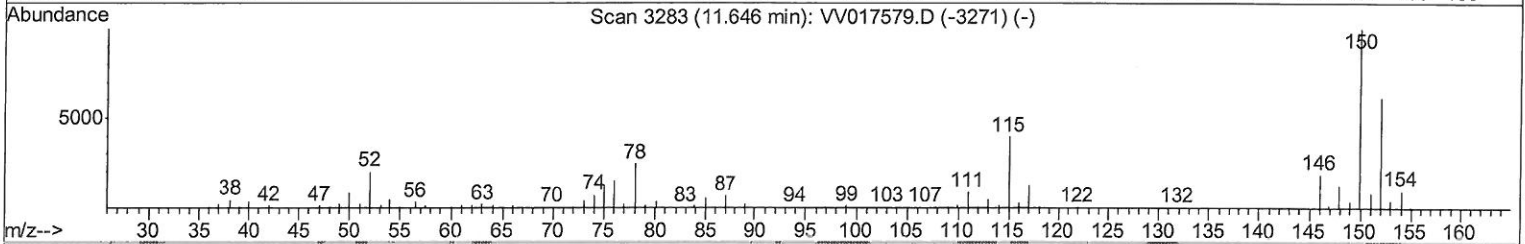
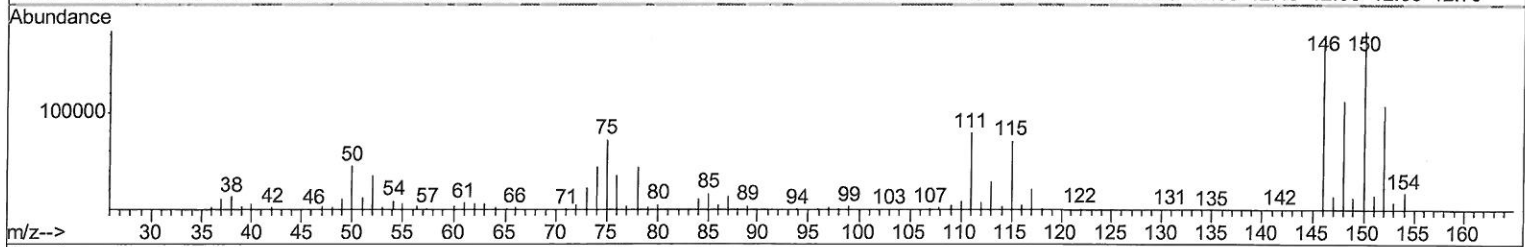
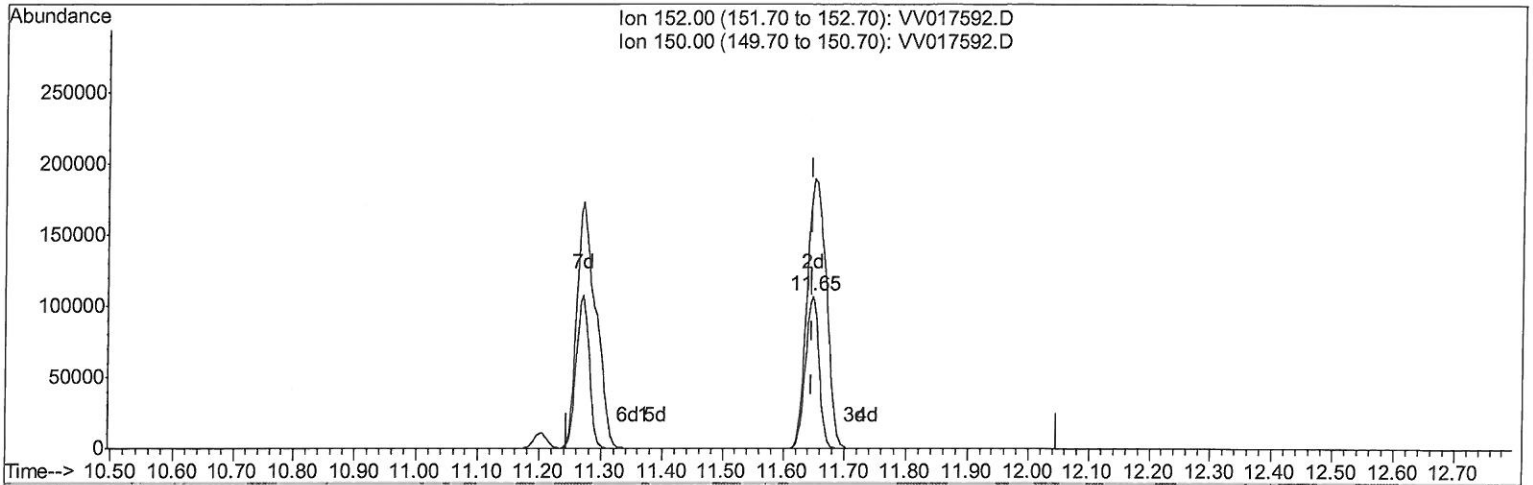
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Manual Integrations
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 Response via : Initial Calibration



TIC: VV017592.D

(64) 1,2-Dichlorobenzene-d4 (S)

11.646min (-0.000) 50.23ug/L m

response 166155

Ion Exp% Act%

152.00 100 100

150.00 171.30 0.11#

0.00 0.00 0.00

0.00 0.00 0.00

Handwritten: 7/24/20

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308066	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159533	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85521	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.98%
7) Chloroethane-d5	1.58	69	60869	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.12	63	132201	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	3.90	46	137204	95.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.41%
24) Chloroform-d	4.37	84	206925	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.05	65	150530	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
32) Benzene-d6	5.07	84	384244	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.09	67	115930	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.02%
41) Toluene-d8	7.33	98	359657	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	7.64	79	63749	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
47) 2-Hexanone-d5	8.10	63	103191	93.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158474	46.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	166155m	50.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.39	83	8839	2.068	ug/L	98
31) Carbon tetrachloride	4.85	117	3944	1.050	ug/L	97
33) Benzene	5.12	78	664160	74.999	ug/L	100
51) Chlorobenzene	8.90	112	3122840	483.582	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	158536	29.597	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	1200453	219.565	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1573326	289.716	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	236418	63.033	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	56767	15.131	ug/L	96

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