

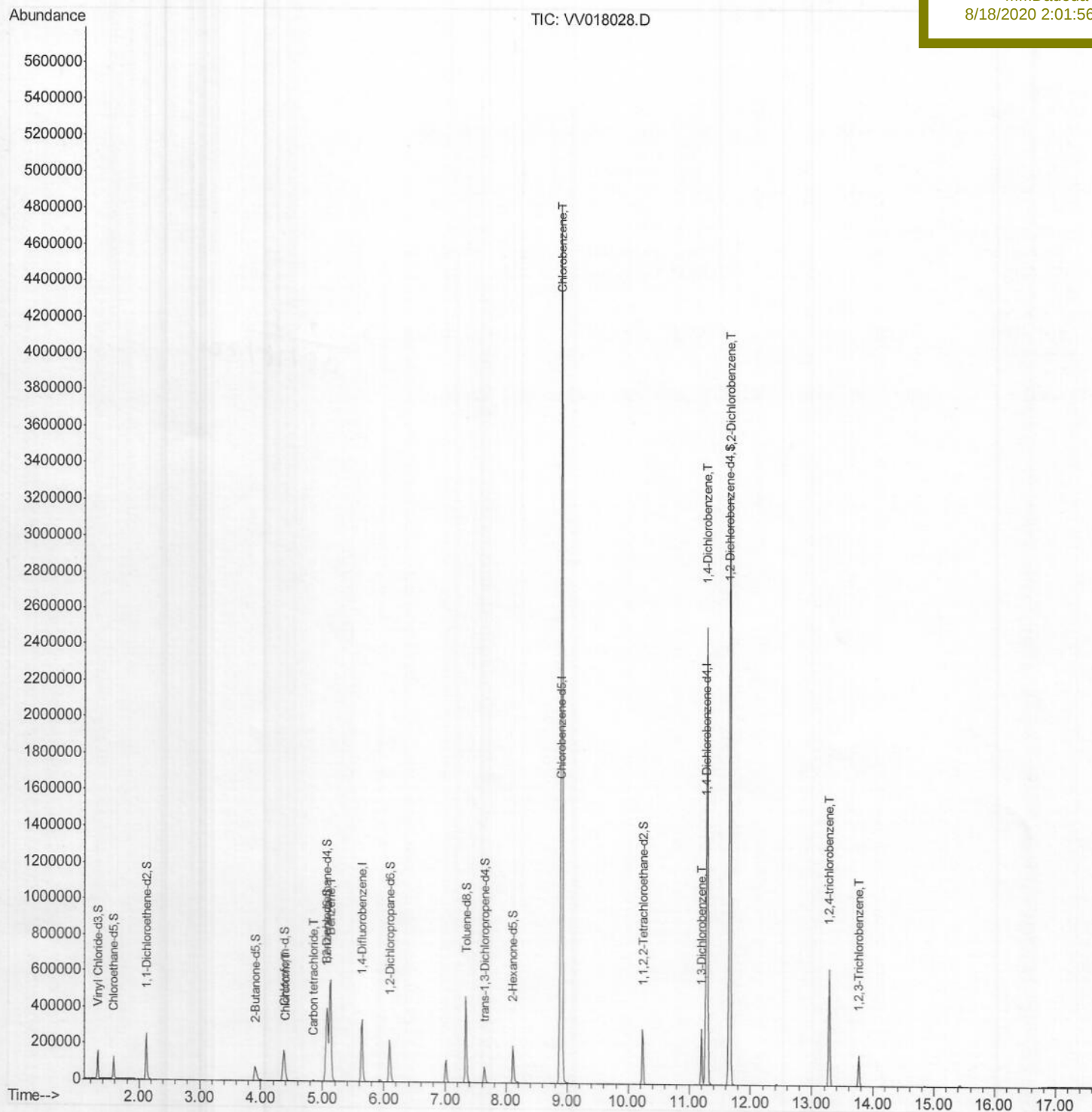
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV081720\
Data File : VV018028.D
Acq On : 17 Aug 2020 15:59
Operator : SY/MD
Sample : L3684-05 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 02:45:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
Client Sample ID :
C0F94

Manual Integrations
APPROVED

MMDadoda
8/18/2020 2:01:56 PM



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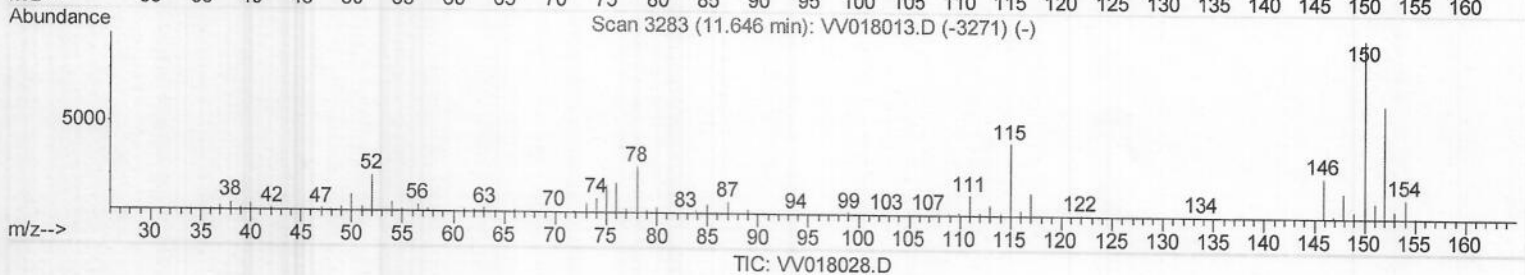
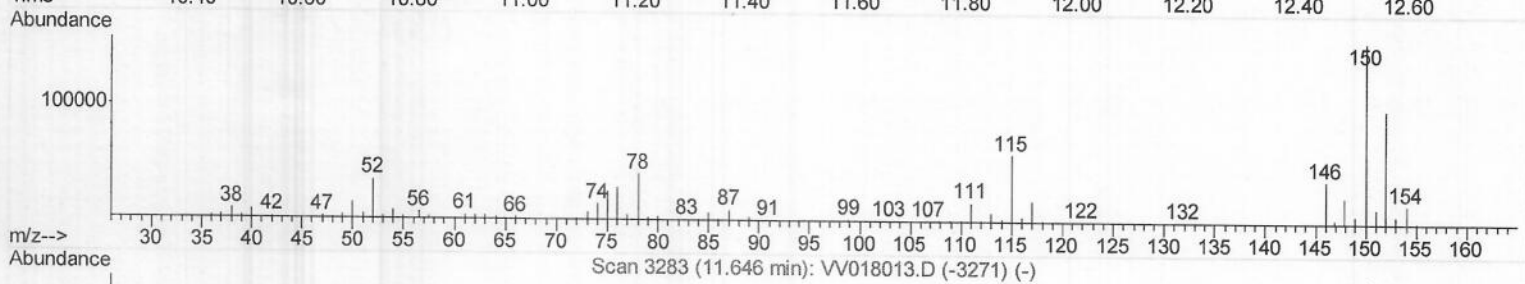
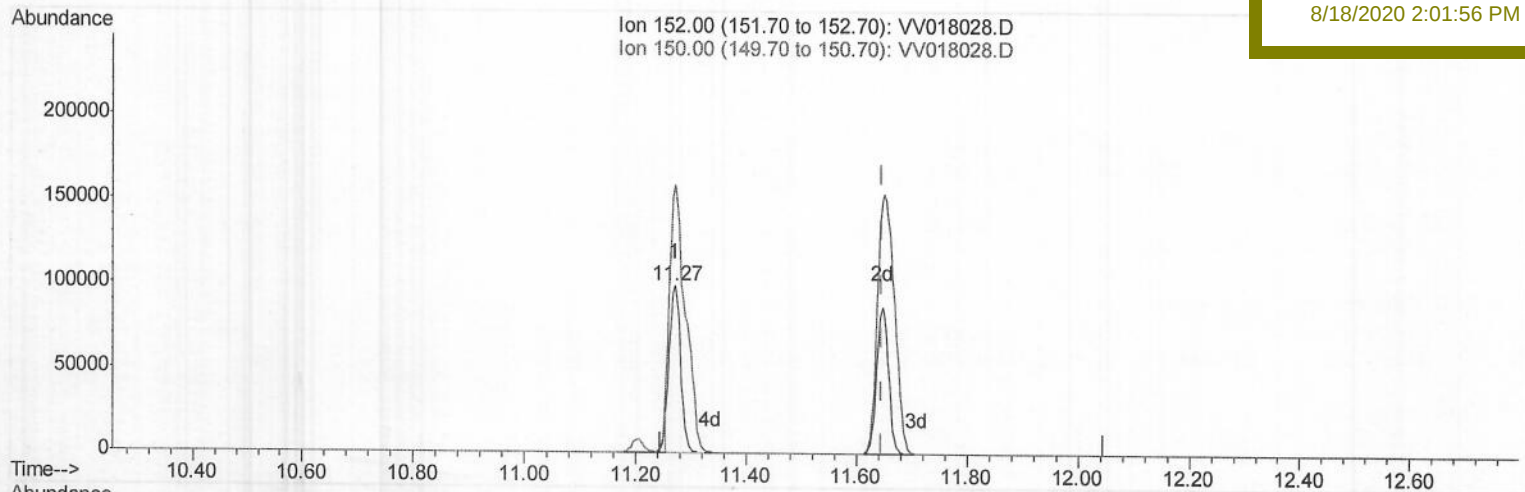
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(64) 1,2-Dichlorobenzene-d4 (S)

11.270min (-0.376) 47.75ug/L

response 137375

Ion	Exp%	Act%
152.00	100	100
150.00	176.10	226.26
0.00	0.00	0.00
0.00	0.00	0.00

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Client Sampled :

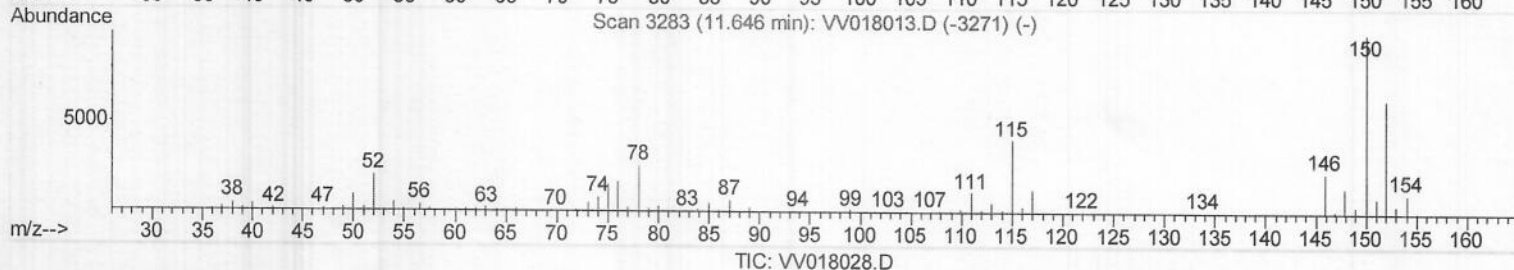
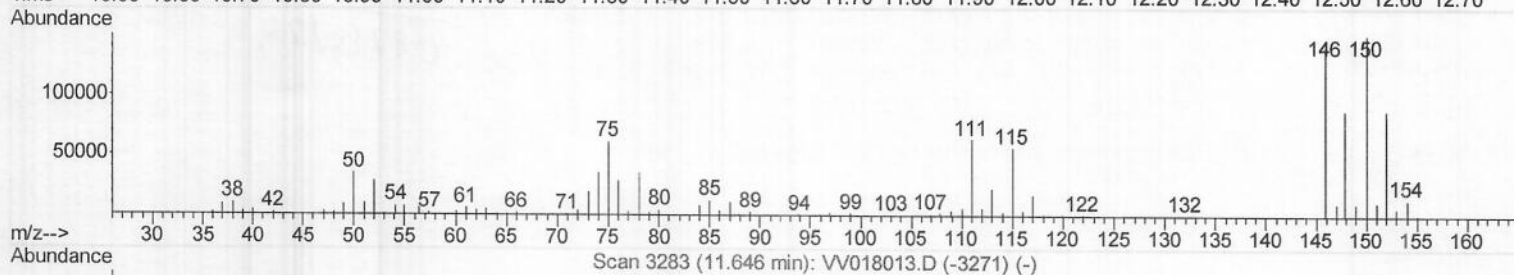
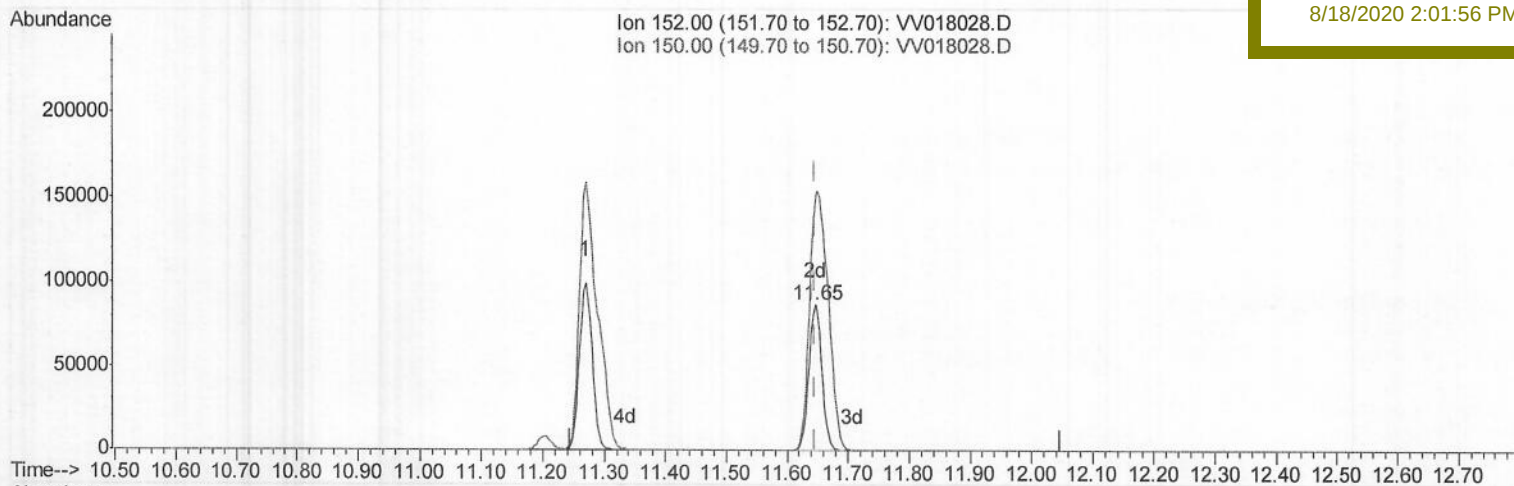
C0F94

Manual Integrations

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

11.646min (+0.000) 45.35ug/L m

response 130473

Ion Exp% Act%

152.00 100 100

150.00 176.10 238.23#

0.00 0.00 0.00

0.00 0.00 0.00

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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	282325	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146174	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90225	41.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.78%		
7) Chloroethane-d5	1.58	69	79319	45.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.02%		
11) 1,1-Dichloroethene-d2	2.12	63	135598	32.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.82%		
21) 2-Butanone-d5	3.91	46	119304	84.56	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.56%		
24) Chloroform-d	4.38	84	167357	42.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.36%		
26) 1,2-Dichloroethane-d4	5.06	65	115856	45.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.98%		
32) Benzene-d6	5.07	84	337868	43.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.66%		
36) 1,2-Dichloropropane-d6	6.09	67	110451	43.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.66%		
41) Toluene-d8	7.34	98	296721	42.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.62%		
43) trans-1,3-Dichloropropene-	7.64	79	49657	43.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.90%		
47) 2-Hexanone-d5	8.11	63	67272	83.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.19%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138212	42.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.24%		
64) 1,2-Dichlorobenzene-d4	11.65	152	130473m	45.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.70%		

Target Compounds

					Ovalue
25) Chloroform	4.41	83	10168	2.547 ug/L	97
31) Carbon tetrachloride	4.86	117	2453	0.860 ug/L	93
33) Benzene	5.13	78	548516	63.389 ug/L	100
51) Chlorobenzene	8.90	112	2410707	415.120 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	119948	25.805 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	952386	199.450 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1216328	254.232 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	188151	60.607 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	48973	15.512 ug/L	99

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

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