

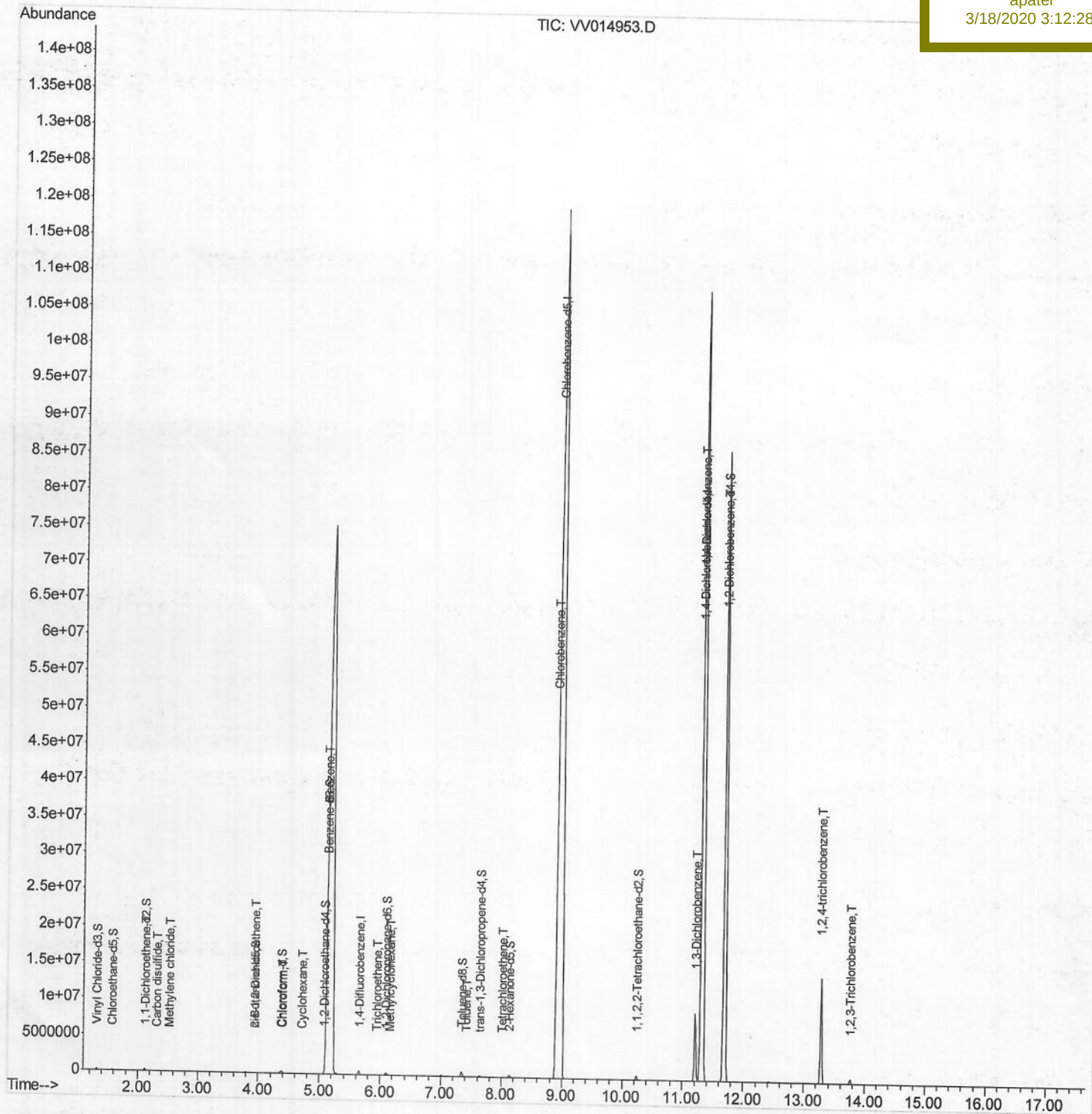
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
Data File : VV014953.D
Acq On : 16 Mar 2020 18:07
Operator : SY/MD
Sample : L1890-18
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 18 04:30:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 03:17:46 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
Client Sample ID :
C0DH5

Manual Integrations
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\

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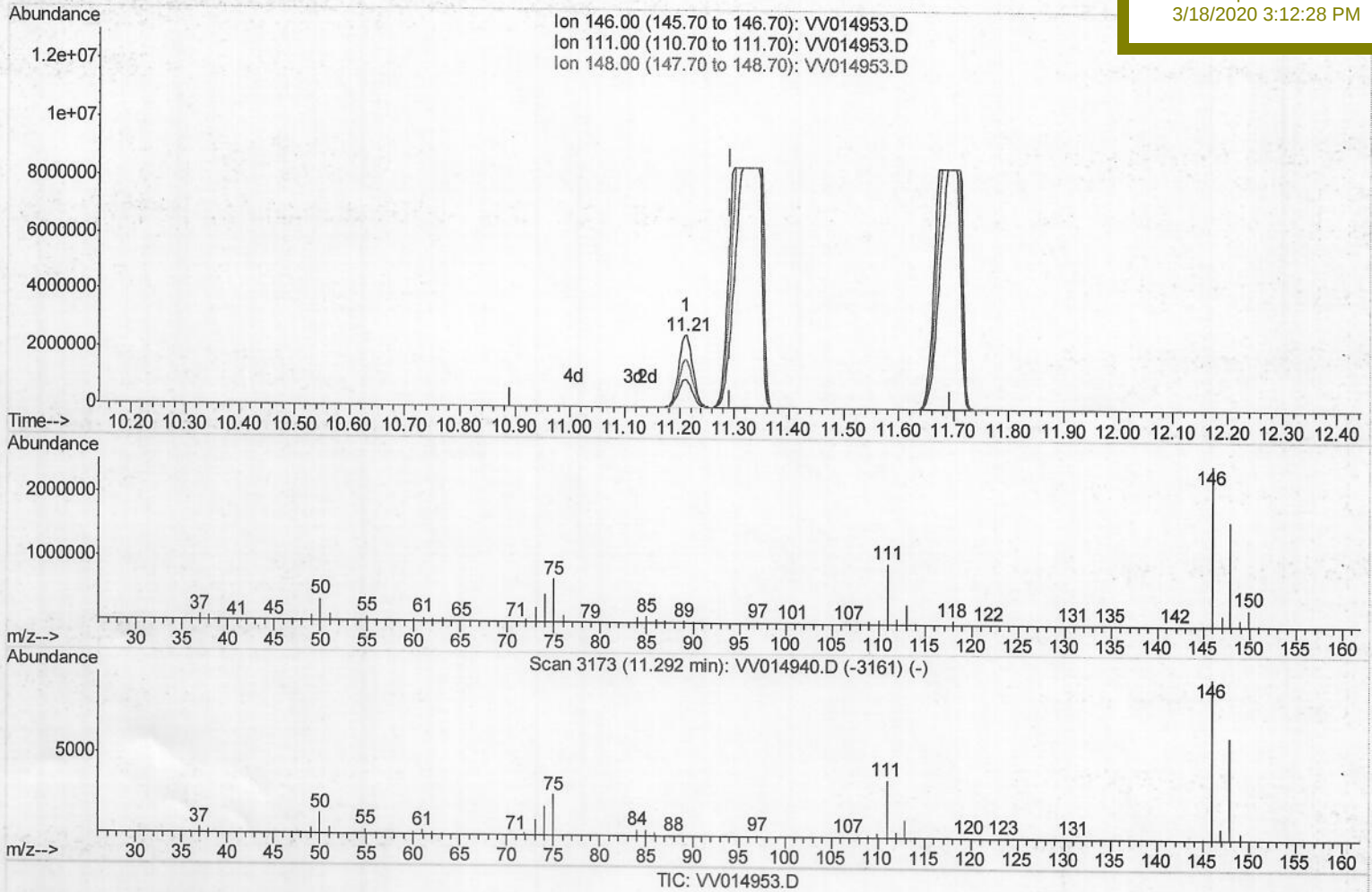
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Manual Integrations

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(63) 1,4-Dichlorobenzene (T)

11.212min (-0.080) 488.35ug/L

response 4448085

Ion	Exp%	Act%
146.00	100	100
111.00	37.10	38.02
148.00	65.80	65.14
0.00	0.00	0.00

Quantitation Report (Qedit)

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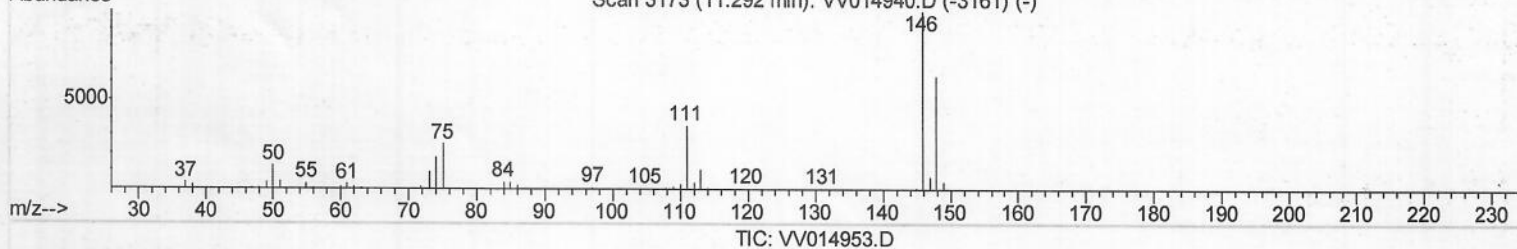
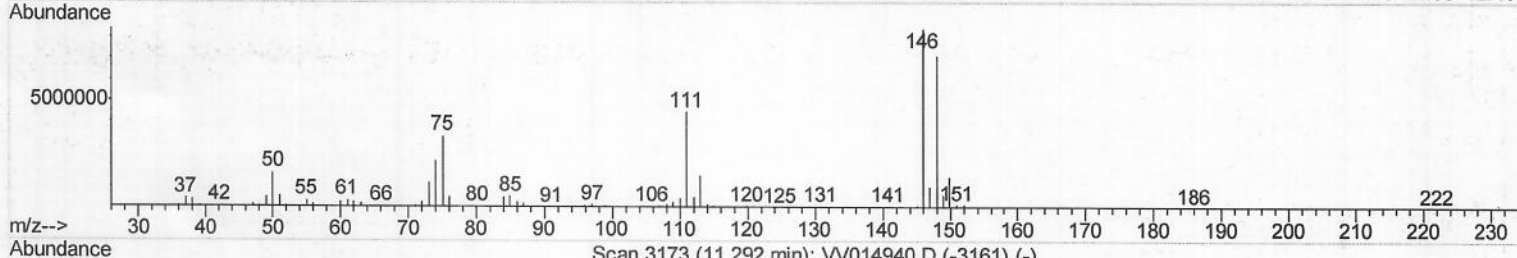
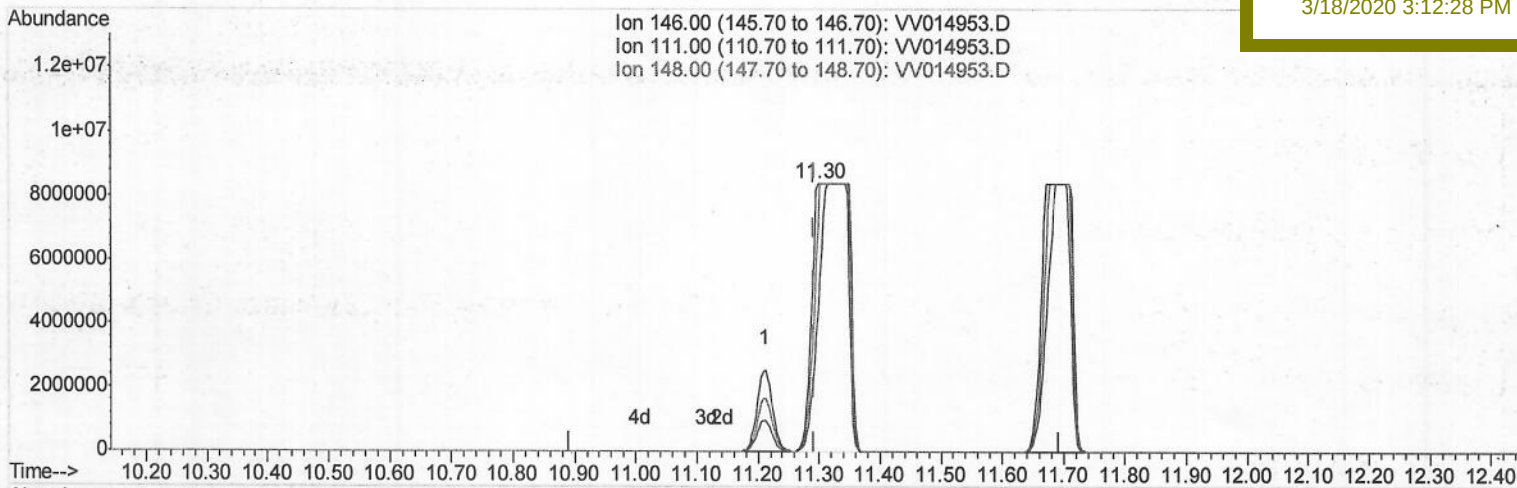
C0DH5

Manual Integrations

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(63) 1,4-Dichlorobenzene (T)

11.299min (+0.006) 3812.18ug/L m

response 34722463

Ion	Exp%	Act%
146.00	100	100
111.00	37.10	53.35#
148.00	65.80	85.22
0.00	0.00	0.00

M.O
03/20/20

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ALS Vial : 23 Sample Multiplier: 1

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Instrument :

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ClientSampleId :

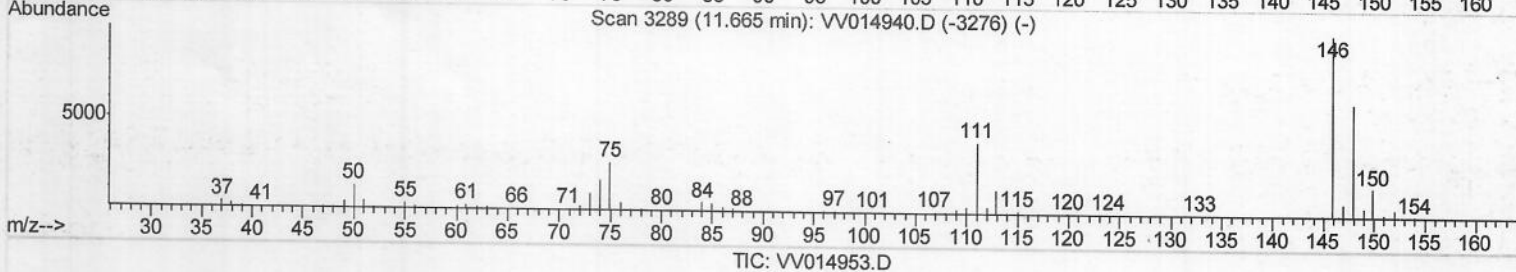
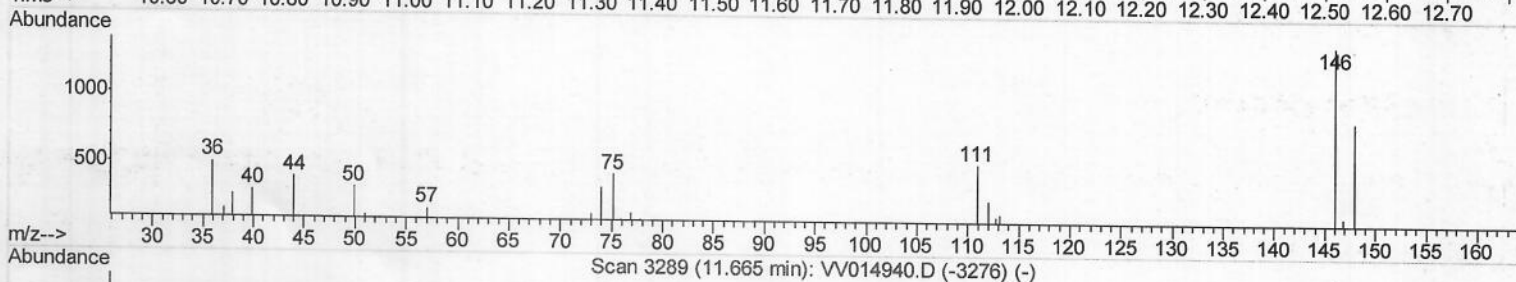
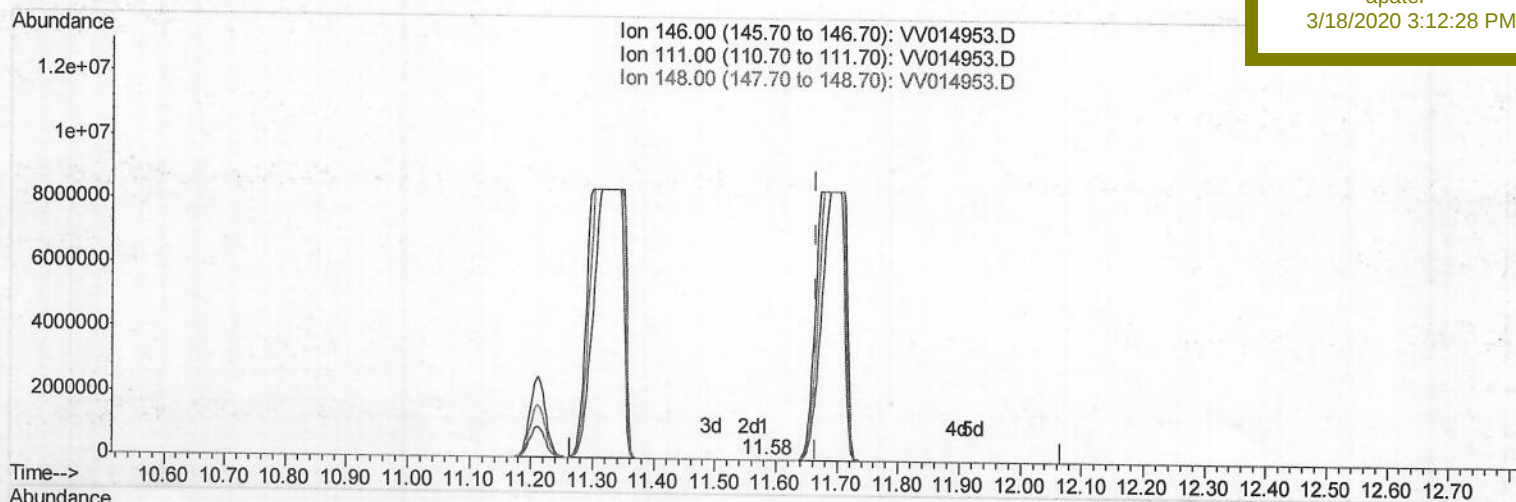
C0DH5

Manual Integrations

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(65) 1,2-Dichlorobenzene (T)

11.582min (-0.084) 0.08ug/L

response 687

Ion	Exp%	Act%
146.00	100	100
111.00	39.50	37.55
148.00	65.30	60.36
0.00	0.00	0.00

Quantitation Report (Qedit)

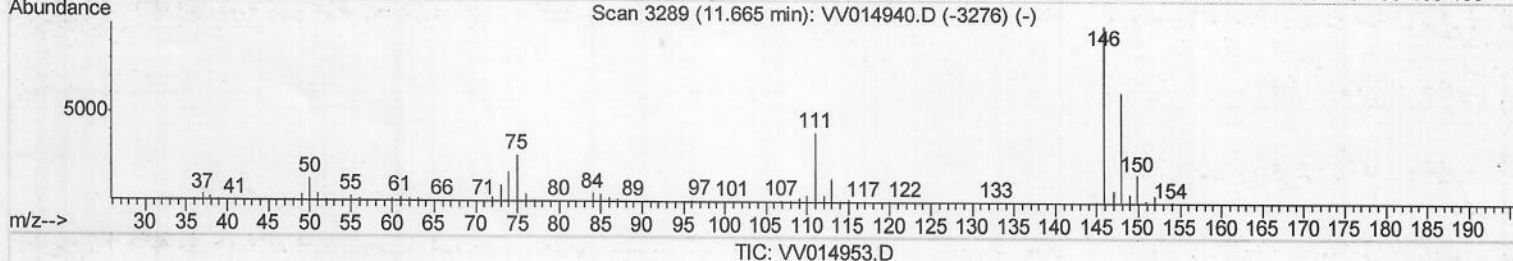
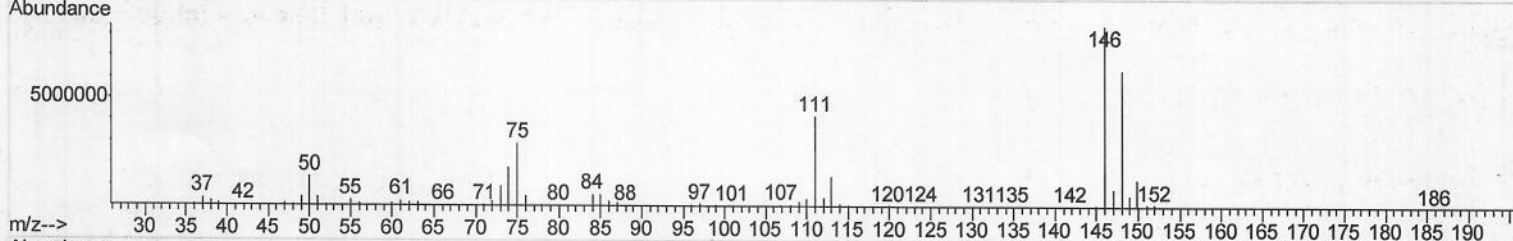
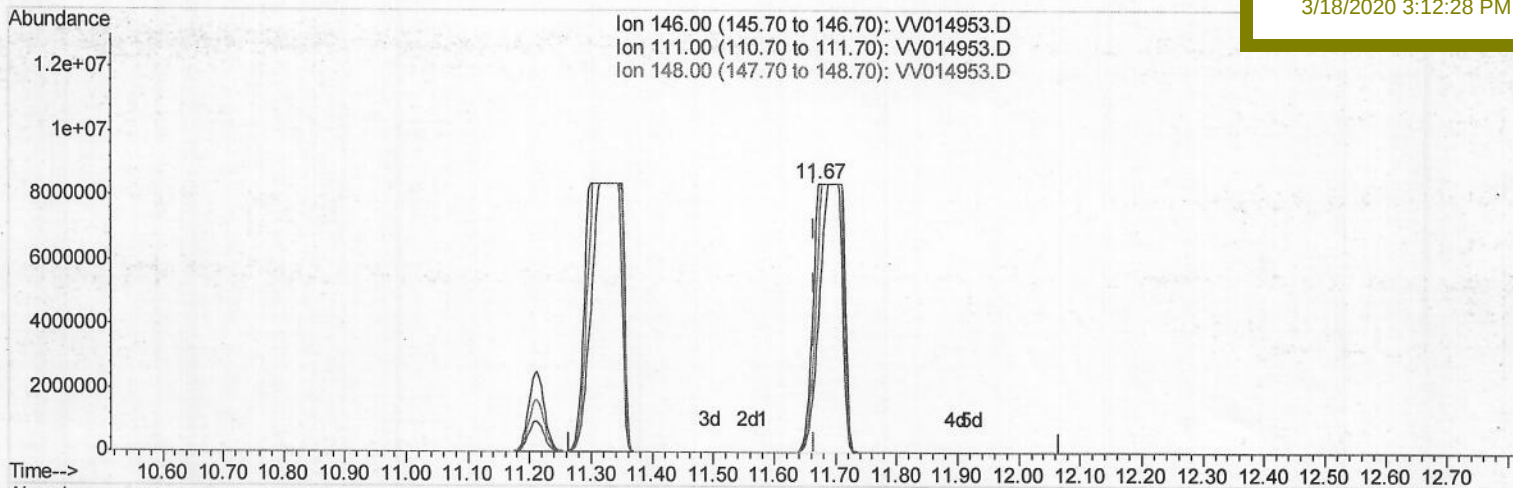
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Instrument :
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 ClientSampleId :
 C0DH5

Manual Integrations
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(65) 1,2-Dichlorobenzene (T)

11.672min (+0.006) 3166.73ug/L m) *M.O*
 response 28602415 *03/20/20*

Ion	Exp%	Act%
146.00	100	100
111.00	39.50	49.81#
148.00	65.30	75.22
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VV014953.D

Acq On : 16 Mar 2020 18:07

Operator : SY/MD

Sample : L1890-18

Misc : 5.0mL/MSVOA V/WATER

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 18 03:21:17 2020

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ClientSampleId :

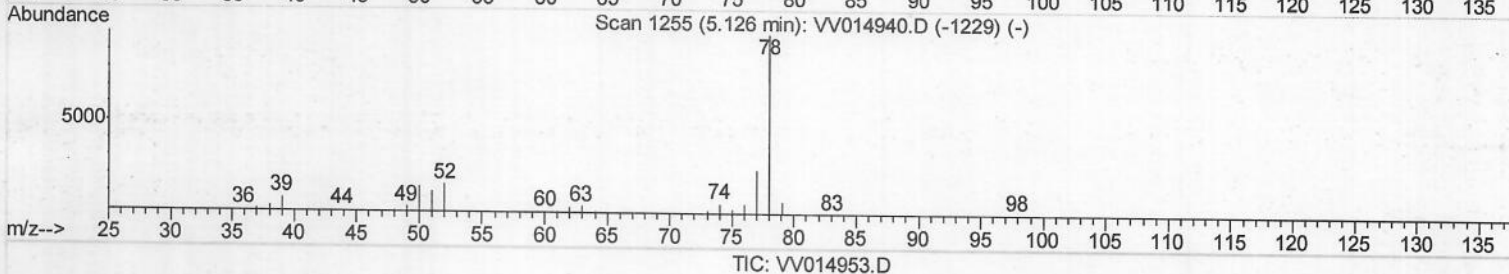
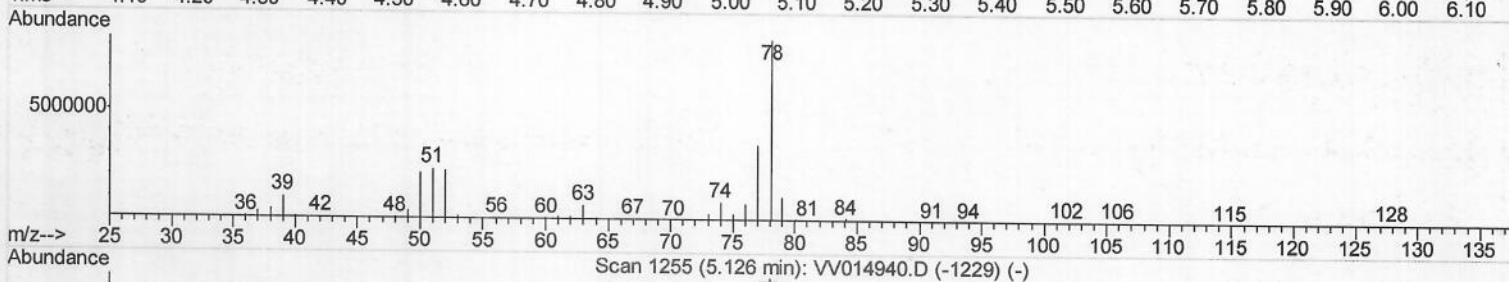
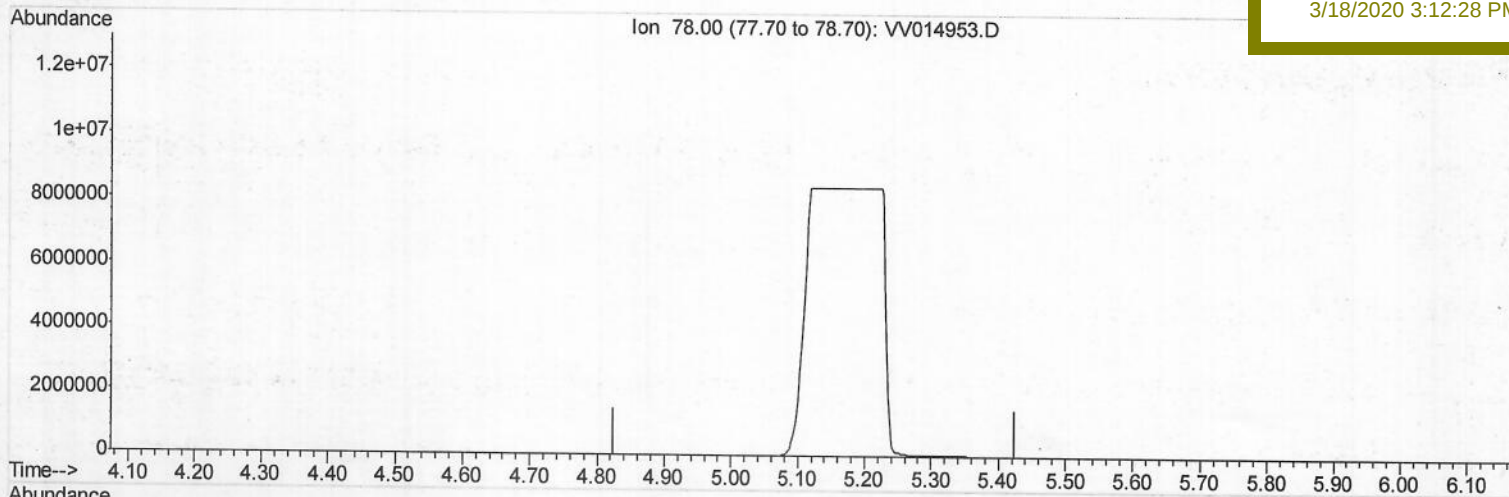
C0DH5

Manual Integrations

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(33) Benzene (T)

5.126min (-5.126) 0.00ug/L

response 0

Ion	Exp%	Act%
78.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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Data File : VV014953.D

Acq On : 16 Mar 2020 18:07

Operator : SY/MD

Sample : L1890-18

Misc : 5.0mL/MSVOA V/WATER

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 18 03:21:17 2020

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Quant Title : VOC Analysis

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Instrument :

MSVOA_V

ClientSampleId :

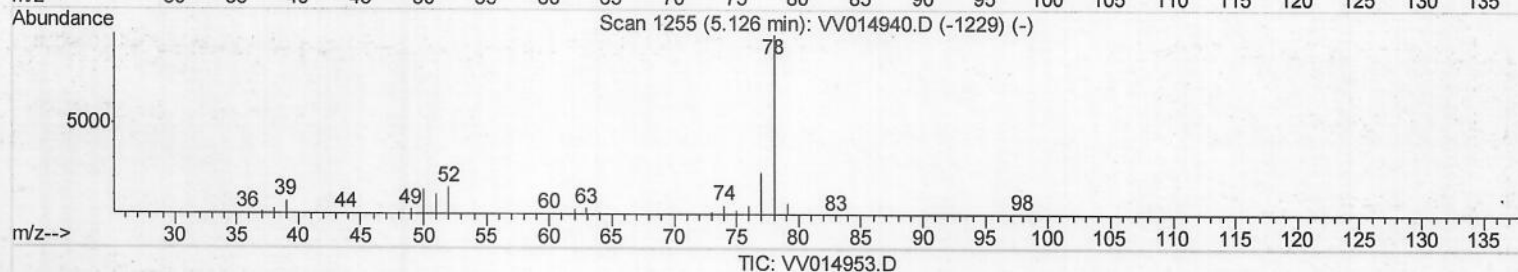
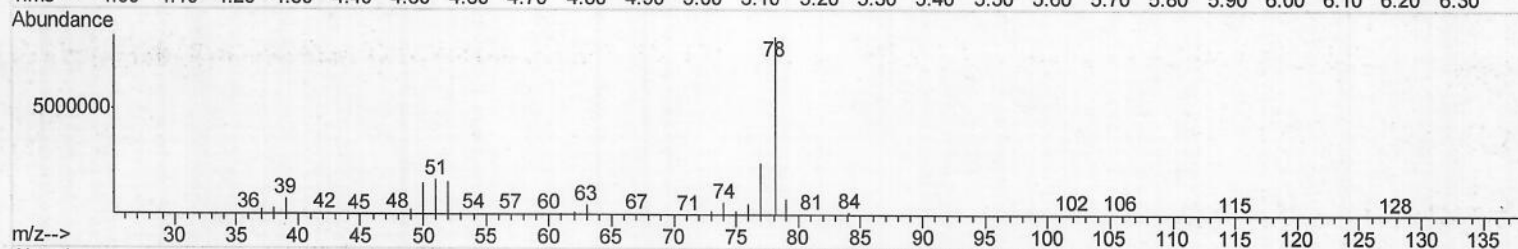
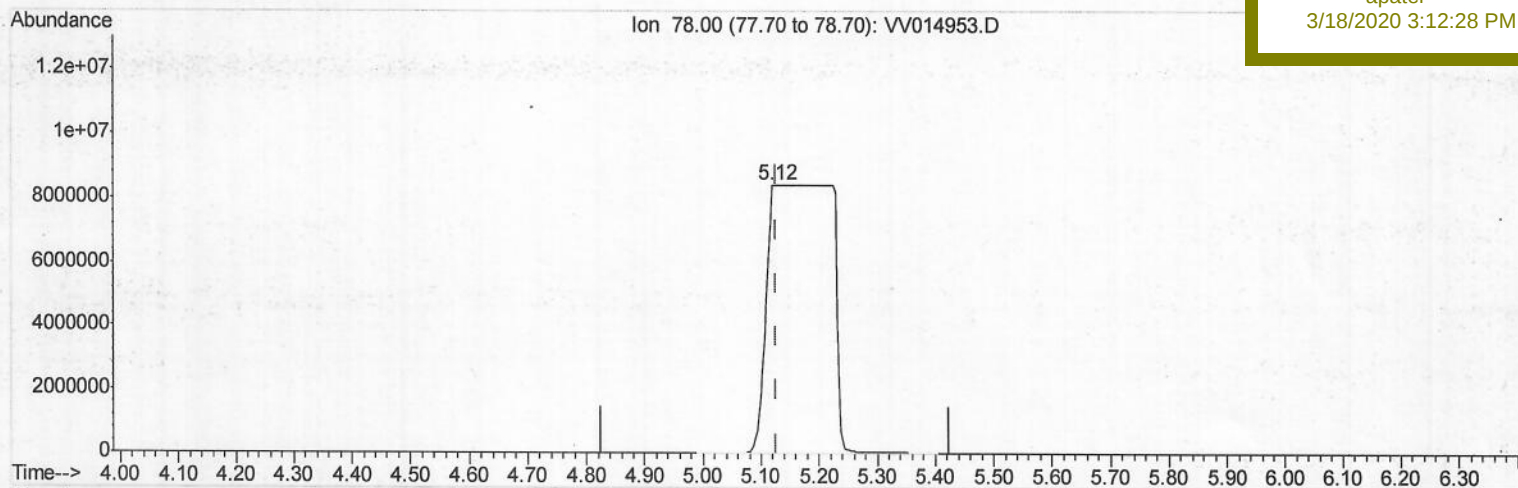
C0DH5

Manual Integrations

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(33) Benzene (T)

5.119min (-0.006) 5643.04ug/L m

response 63901601

M.O
03/20/20

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

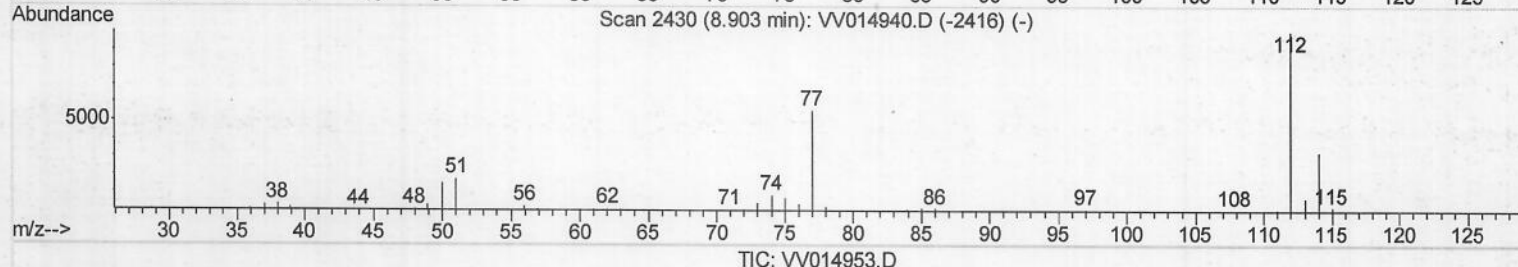
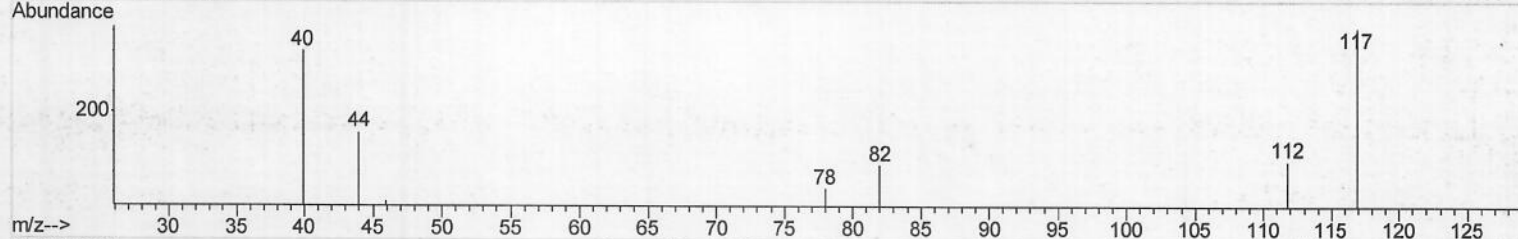
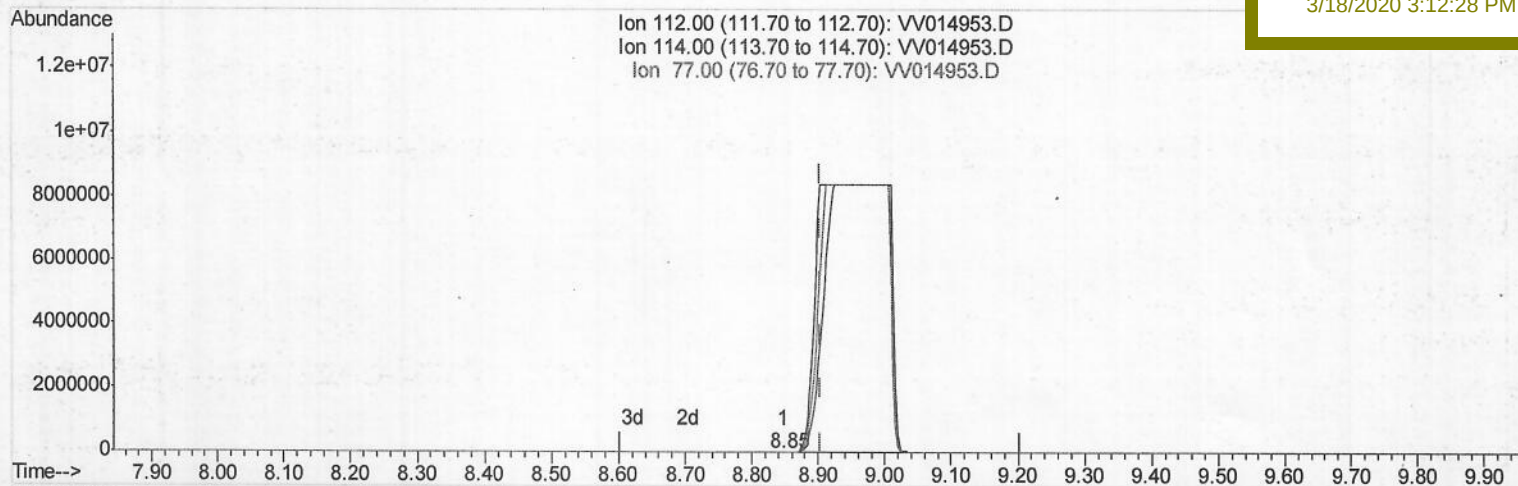
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Manual Integrations
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(51) Chlorobenzene (T)

8.849min (-0.055) 0.01ug/L

response 75

Ion	Exp%	Act%
112.00	100	100
114.00	32.60	0.00#
77.00	55.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

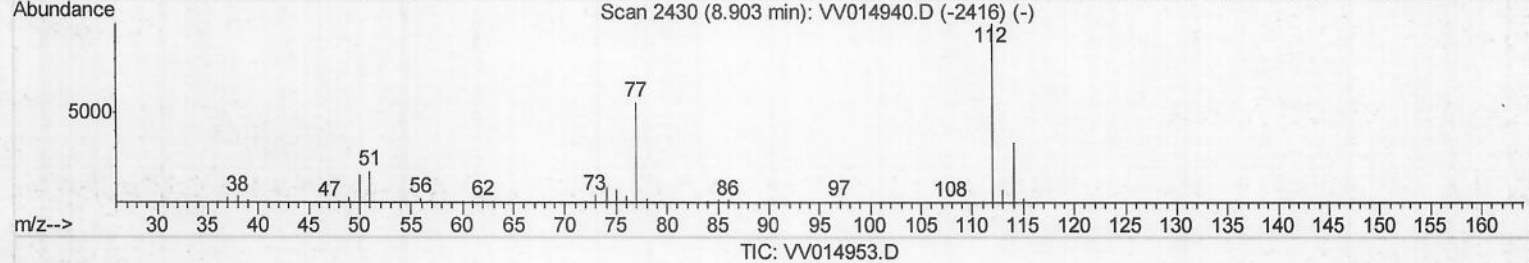
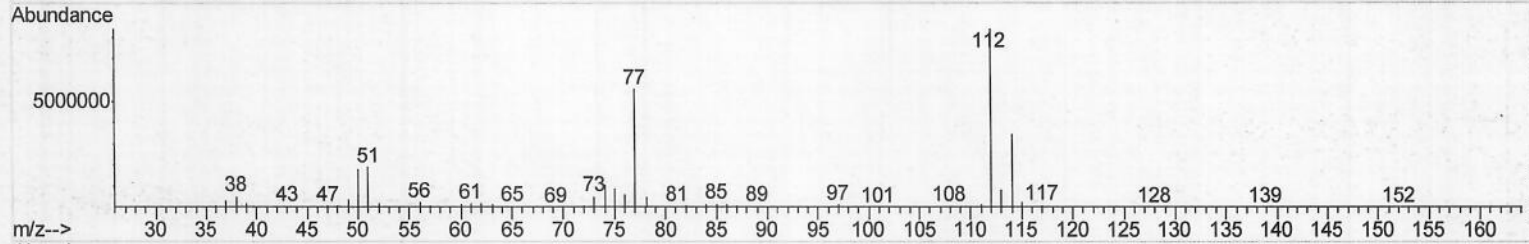
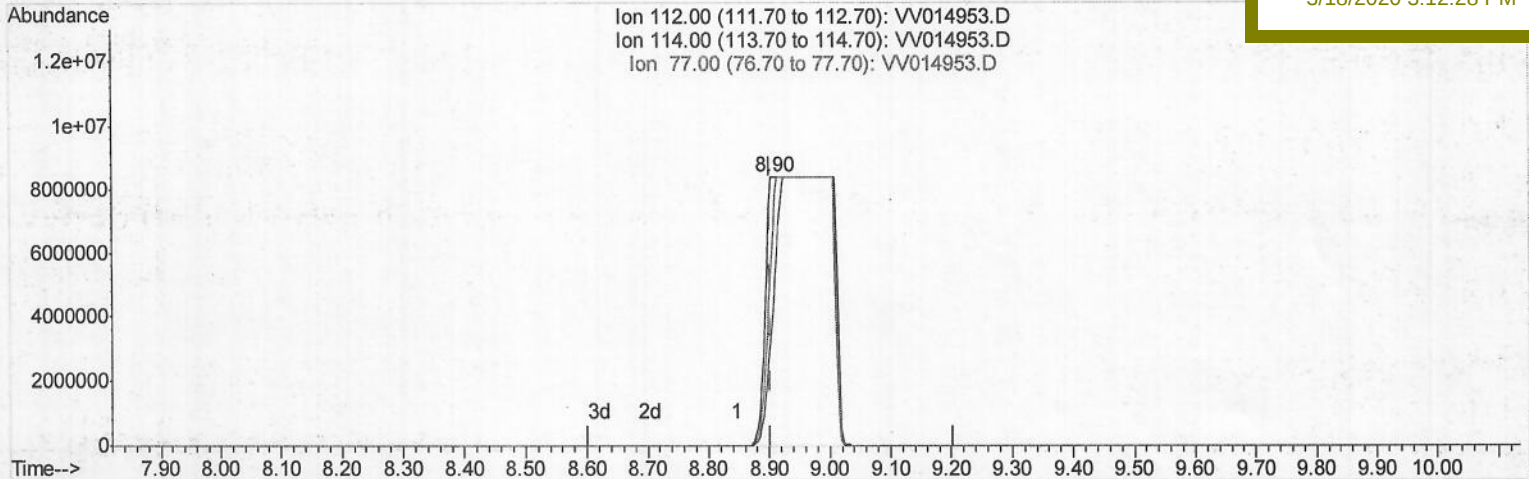
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 Sample : L1890-18
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 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
ClientSampleId :
 C0DH5

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Manual Integrations
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(51) Chlorobenzene (T)

8.903min (0.000) 6973.19ug/L m

response 61187485

Ion	Exp%	Act%
112.00	100	100
114.00	32.60	40.88
77.00	55.60	66.39
0.00	0.00	0.00

M.D
 03/20/20

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	399071	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.94	117	416154	50.00	ug/L	0.06
60) 1,4-Dichlorobenzene-d4	11.30	152	274385	50.00	ug/L	0.03

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131492	49.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.92%		
7) Chloroethane-d5	1.58	69	90306	45.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.46%		
11) 1,1-Dichloroethene-d2	2.12	63	136123	33.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.74%		
21) 2-Butanone-d5	3.93	46	117823	72.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	72.68%		
24) Chloroform-d	4.38	84	235320	42.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.96%		
26) 1,2-Dichloroethane-d4	5.07	65	64156	18.28	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	36.56%#		
32) Benzene-d6	5.11	84	469313	40.94	ug/L	0.04
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.88%		
36) 1,2-Dichloropropane-d6	6.10	67	141650	41.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.98%		
41) Toluene-d8	7.34	98	478098	42.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.34%		
43) trans-1,3-Dichloropropene-	7.65	79	70161	38.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.32%		
47) 2-Hexanone-d5	8.13	63	129746	84.20	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.20%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	215683	43.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.30%		
64) 1,2-Dichlorobenzene-d4	11.67	152	252956	42.08	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.16%		

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.12	96	1359	0.725 ug/L #	1
14) Carbon disulfide	2.31	76	7540	1.225 ug/L #	92
16) Methylene chloride	2.52	84	9456	3.333 ug/L	84
20) cis-1,2-Dichloroethene	3.94	96	9239	3.081 ug/L	92
25) Chloroform	4.41	83	56670	10.846 ug/L	94
29) Cyclohexane	4.70	56	30214	7.029 ug/L	97
33) Benzene	5.12	78	63901601m	5643.039 ug/L	
34) Trichloroethene	5.94	95	8417	2.770 ug/L	98
35) Methylcyclohexane	6.16	83	6205	1.266 ug/L #	73
42) Toluene	7.41	91	51141	4.014 ug/L	97
46) Tetrachloroethene	8.00	164	10872	3.830 ug/L	92
51) Chlorobenzene	8.90	112	61187485m	6973.190 ug/L	
62) 1,3-Dichlorobenzene	11.21	146	4448085	491.936 ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	34722463m	3812.177 ug/L	
65) 1,2-Dichlorobenzene	11.67	146	28602415m	3166.735 ug/L	
68) 1,2,4-trichlorobenzene	13.29	180	4629826	732.715 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	205204	32.807 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed