

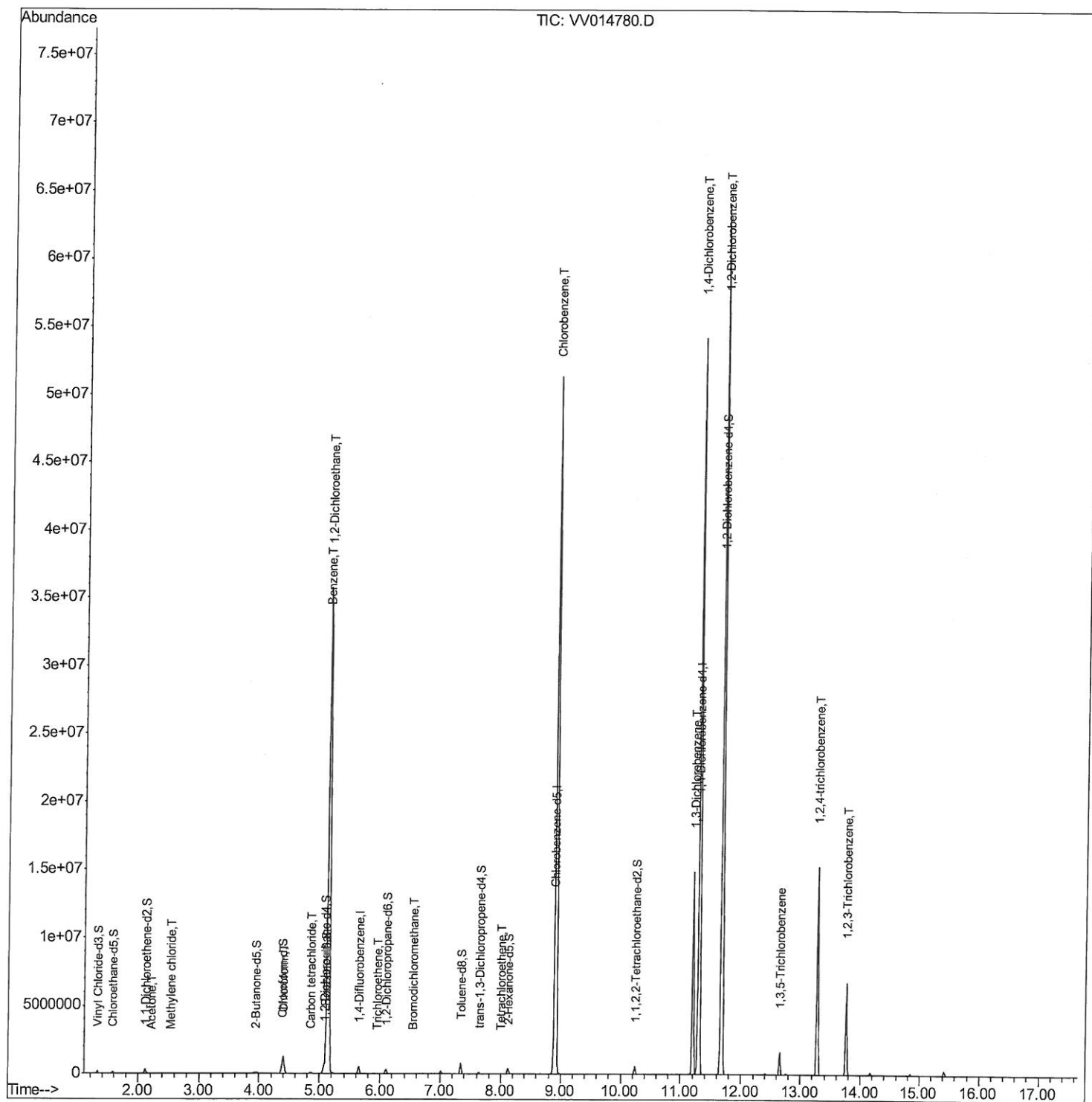
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
Data File : VV014780.D
Acq On : 09 Mar 2020 16:36
Operator : SY/MD
Sample : L1834-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DL2

Manual Integrations
APPROVED

MMDadoda
3/11/2020 9:41:27 AM

Quant Time: Mar 10 16:41:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

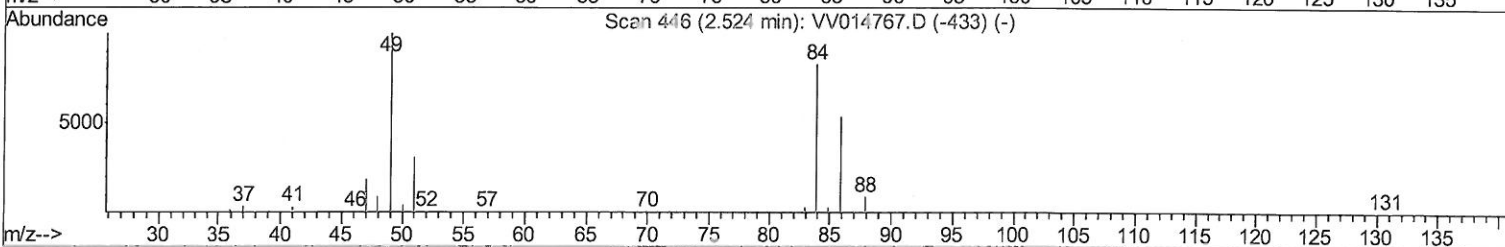
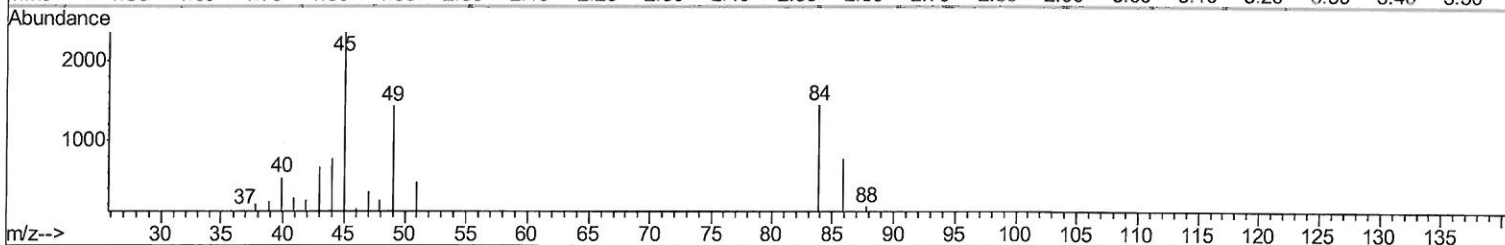
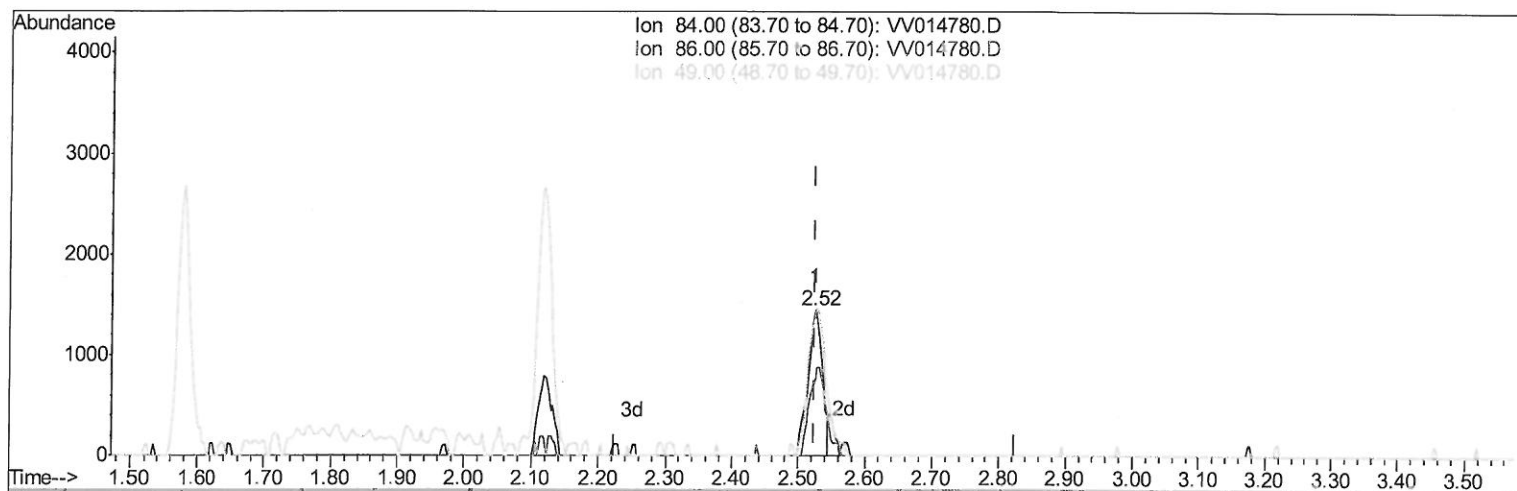
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TIC: VV014780.D

(16) Methylene chloride (T)

2.524min (+0.000) 0.67ug/L

response 2145

Ion	Exp%	Act%
84.00	100	100
86.00	67.60	53.04
49.00	126.70	98.76
0.00	0.00	0.00

Quantitation Report (Qedit)

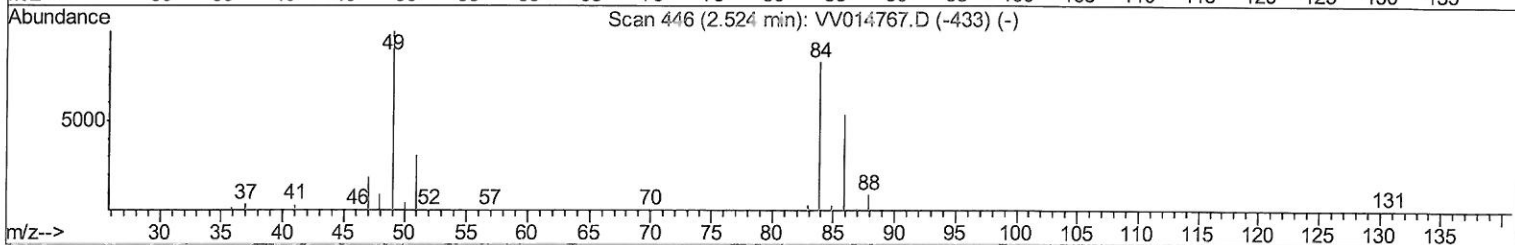
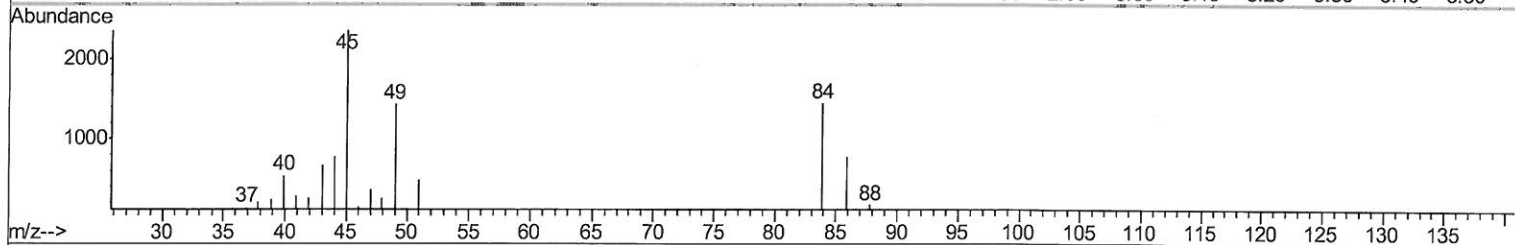
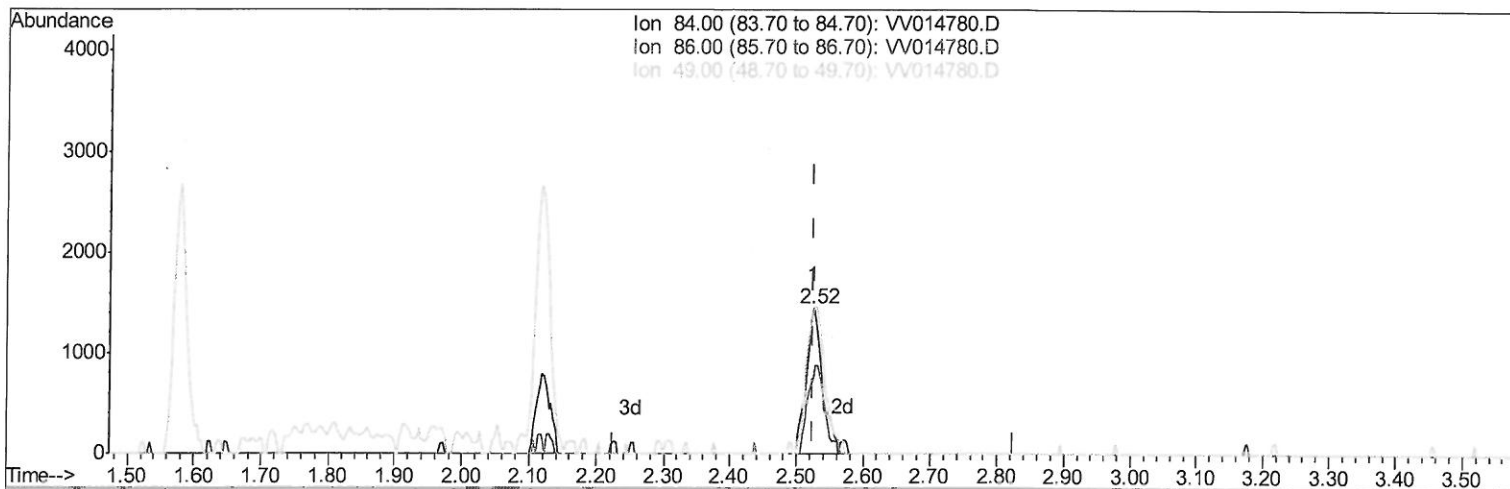
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TIC: VV014780.D

(16) Methylene chloride (T)

2.524min (+0.000) 0.75ug/L m

response 2406

Ion	Exp%	Act%
84.00	100	100
86.00	67.60	53.04
49.00	126.70	98.76
0.00	0.00	0.00

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 3/11/20

Quantitation Report (Qedit)

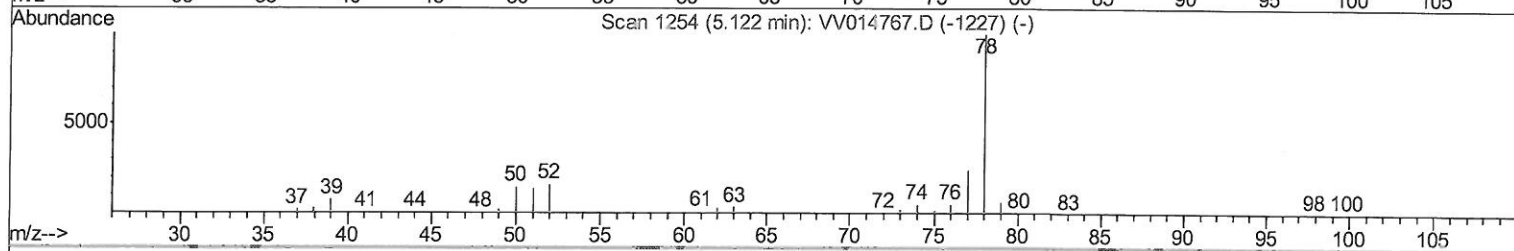
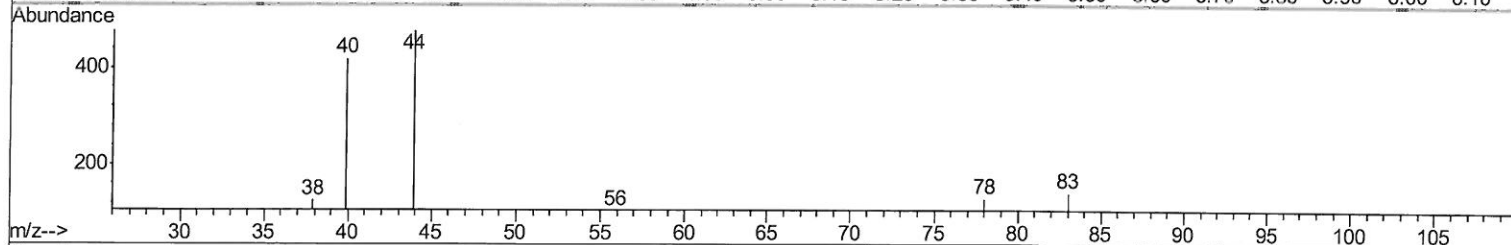
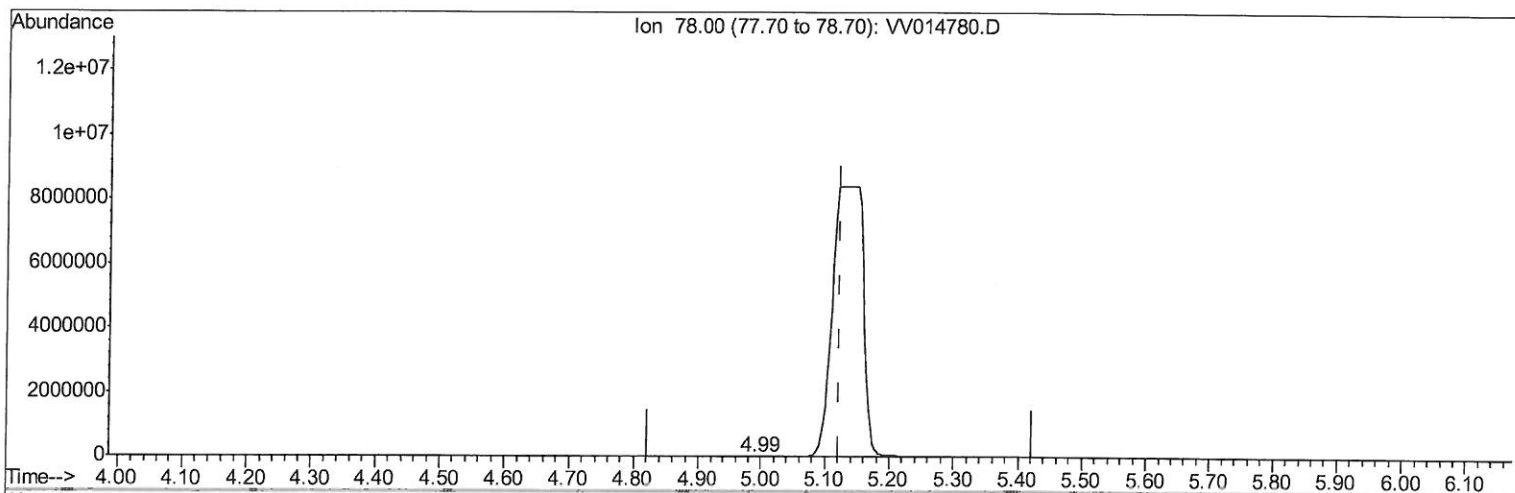
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TIC: VV014780.D

(33) Benzene (T)

4.990min (-0.132) 0.00ug/L

response 45

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)

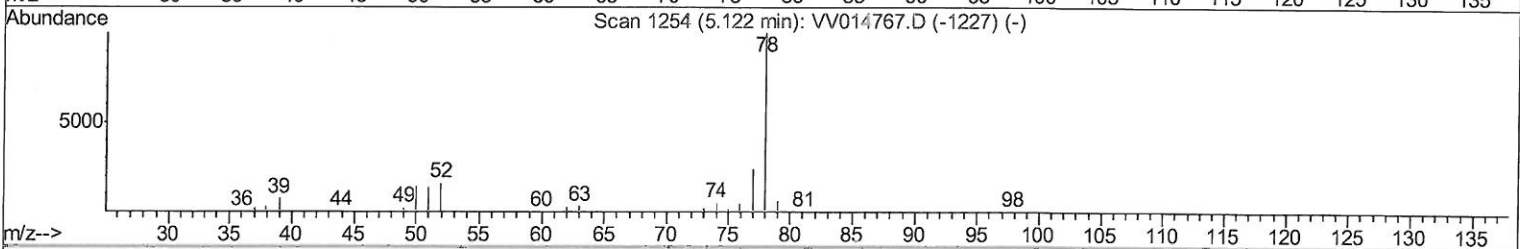
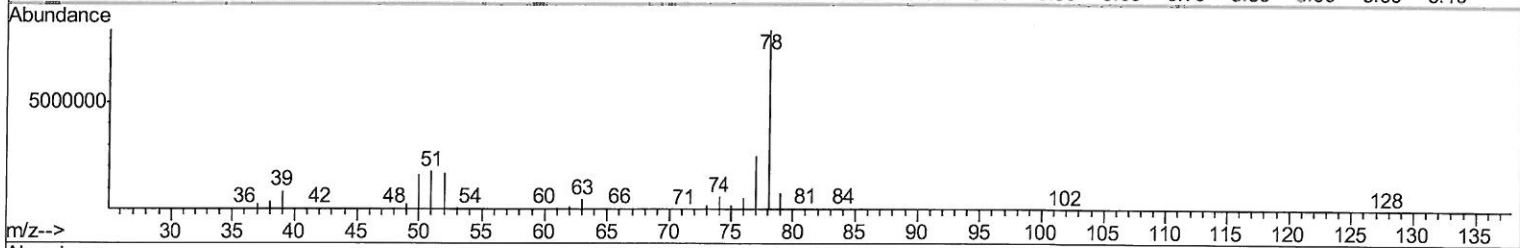
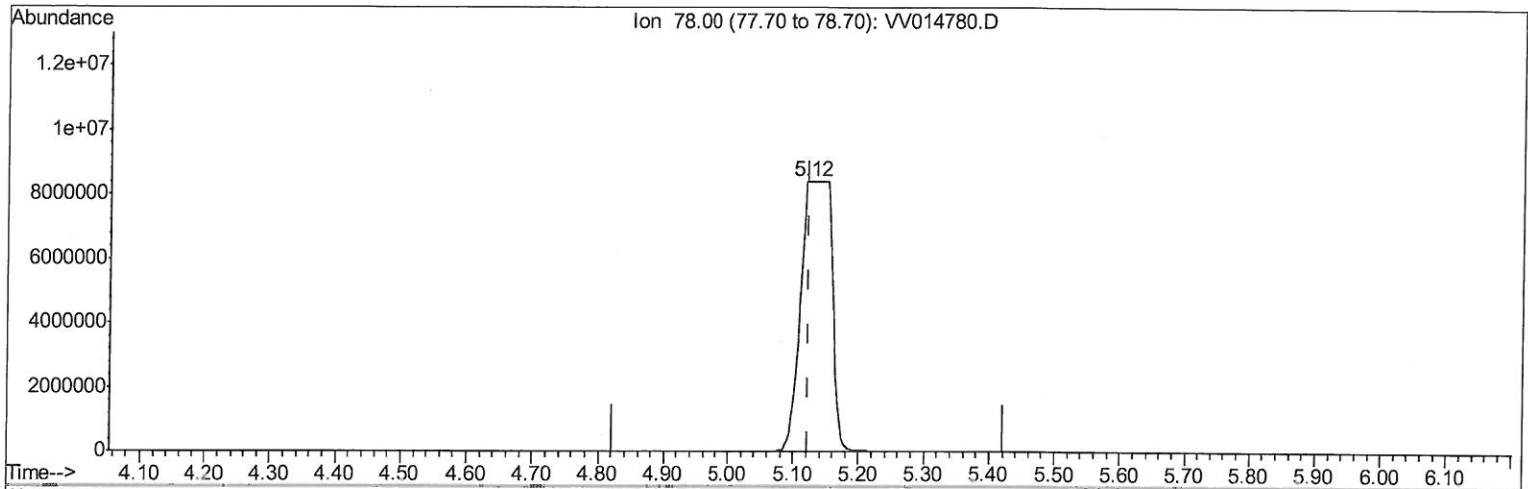
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TIC: VV014780.D

(33) Benzene (T)

5.119min (-0.003) 2151.25ug/L m

response 27651430

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

7 mo
3/11/20

Quantitation Report (Qedit)

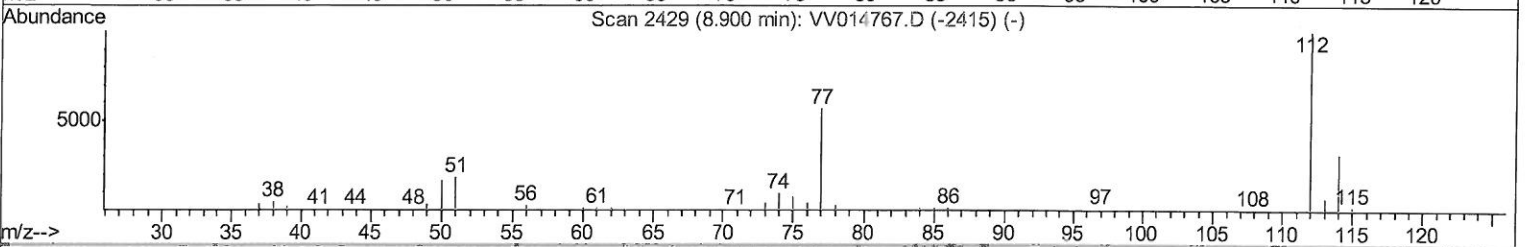
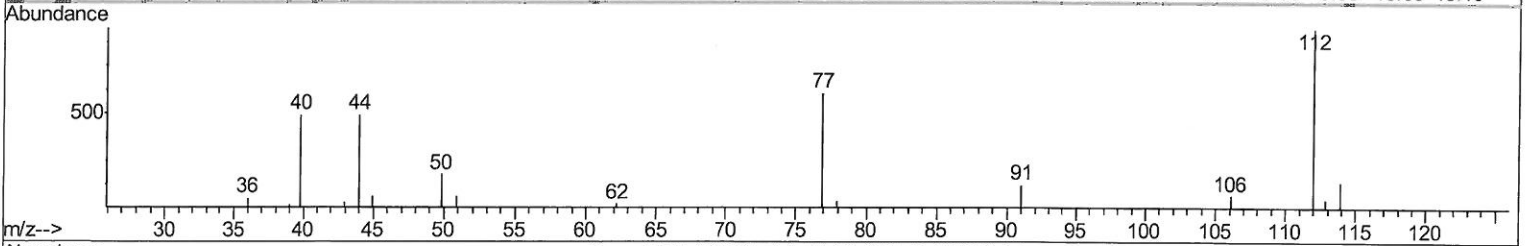
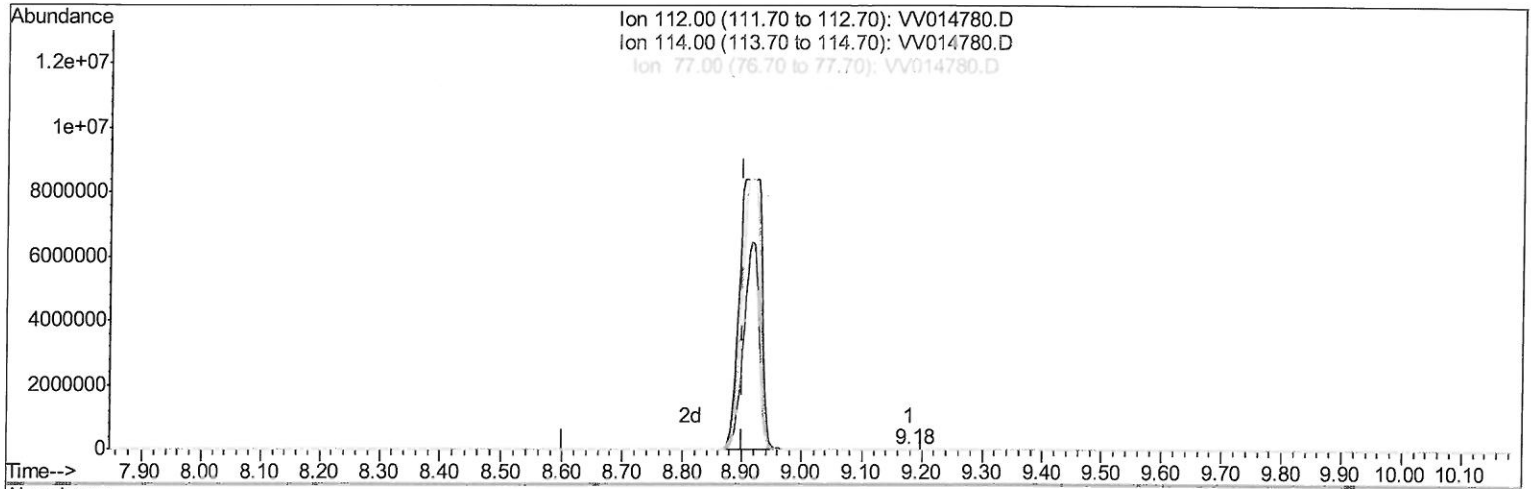
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TIC: VV014780.D

(51) Chlorobenzene (T)
 9.180min (+0.280) 0.01ug/L
 response 74

Ion	Exp%	Act%
112.00	100	100
114.00	31.60	24.50
77.00	59.80	68.26
0.00	0.00	0.00

Quantitation Report (Qedit)

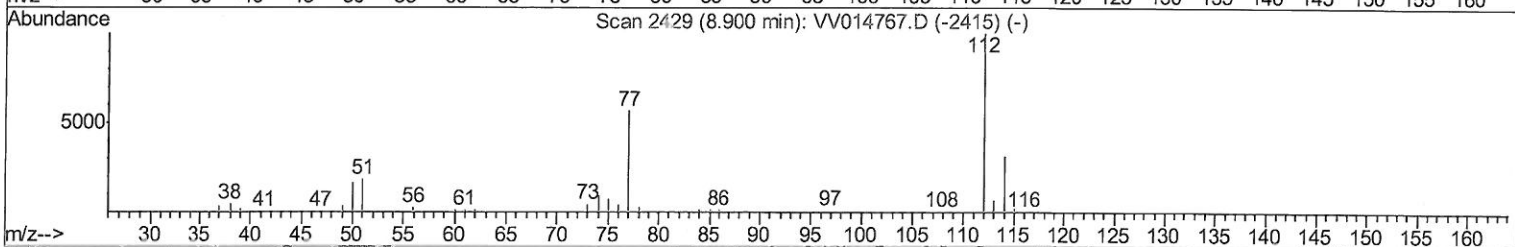
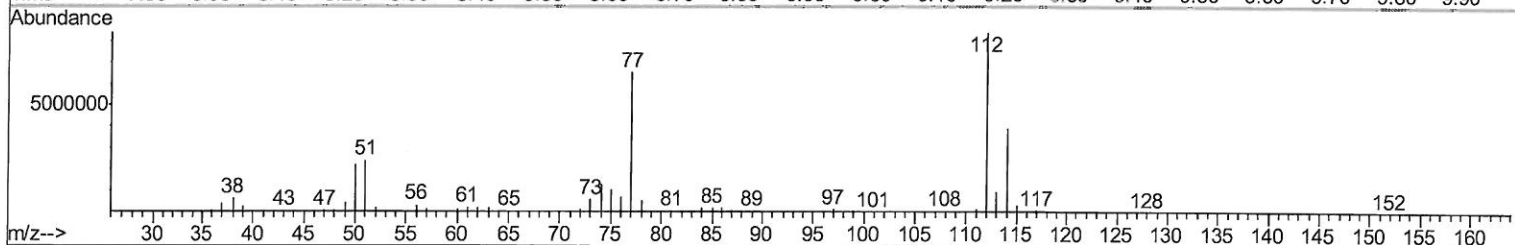
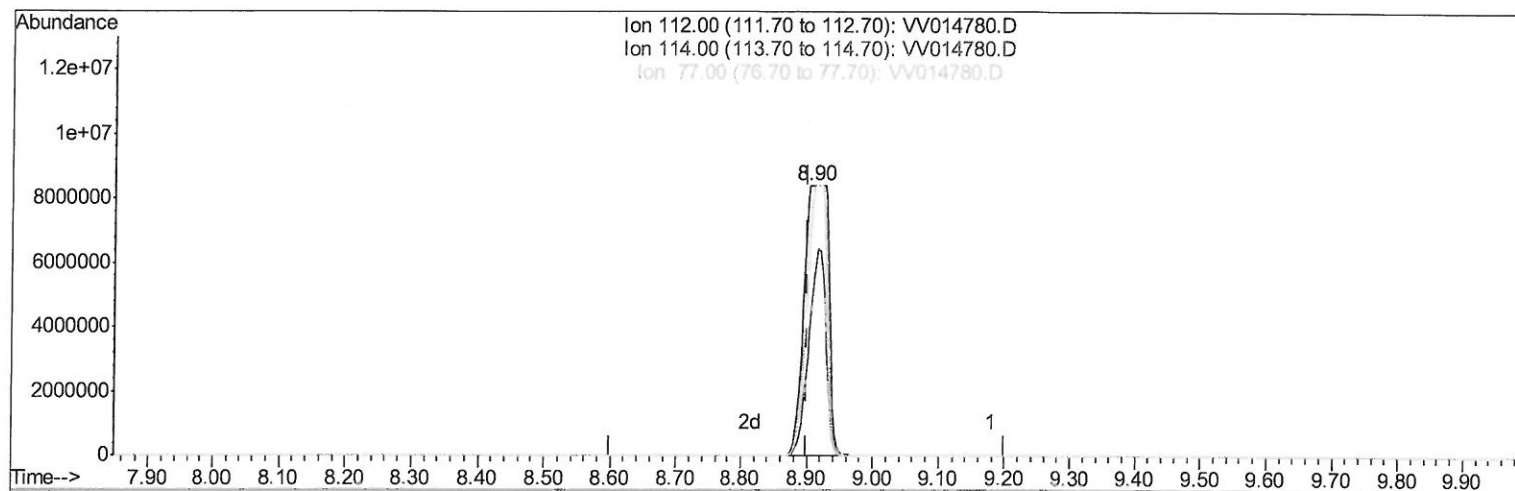
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Manual Integrations
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TIC: VV014780.D

(51) Chlorobenzene (T)

8.904min (+0.003) 2383.67ug/L m

response 21748479

Ion	Exp%	Act%
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112.00	100	100
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114.00	31.60	46.44#
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77.00	59.80	77.83#
-------	-------	--------

0.00	0.00	0.00
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7 md
3/11/20

Quantitation Report (Qedit)

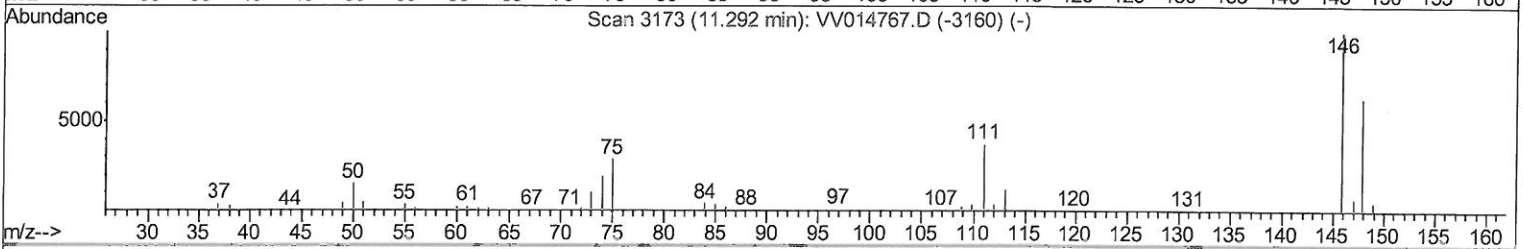
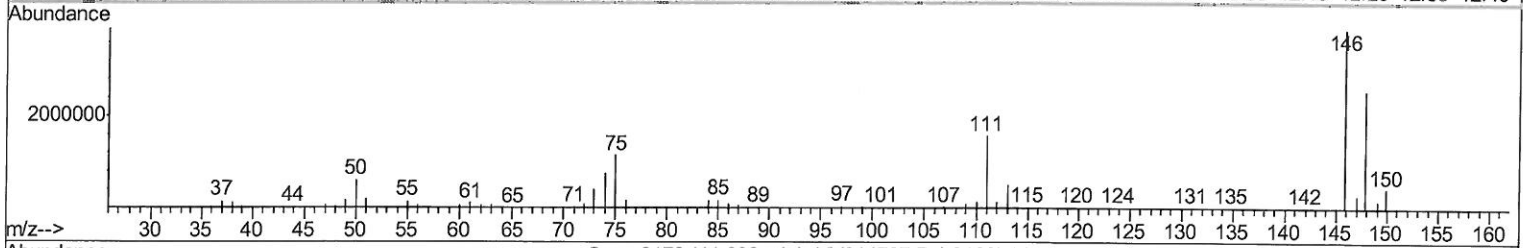
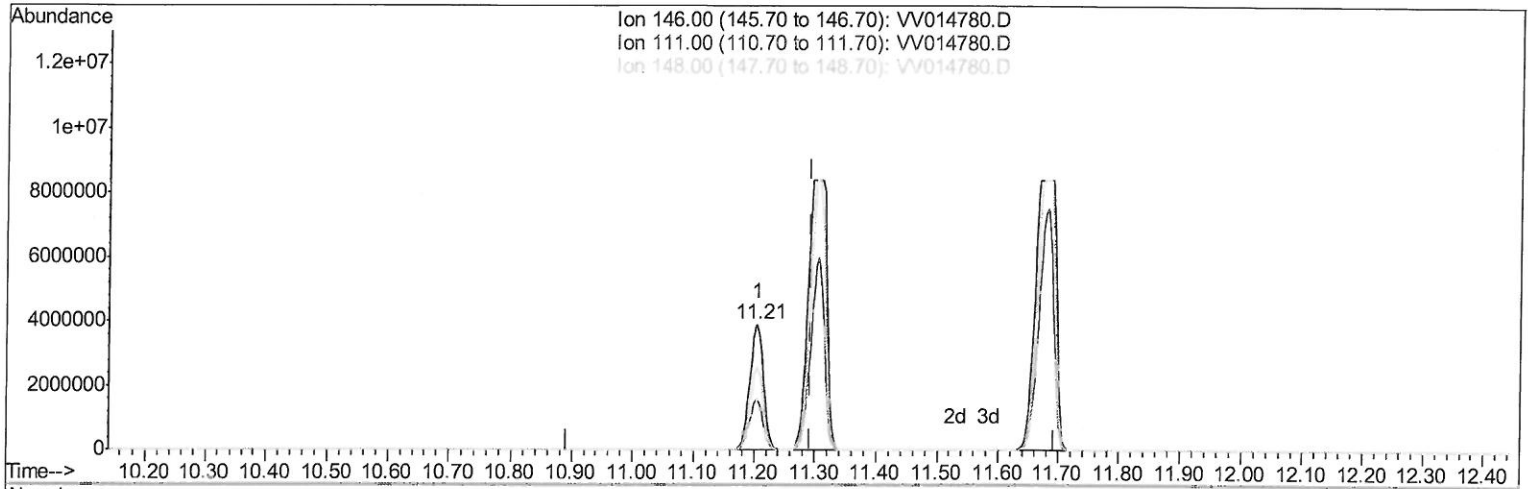
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Instrument :
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ClientSampled :
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TIC: VV014780.D

(63) 1,4-Dichlorobenzene (T)

11.206min (-0.087) 735.32ug/L

response 6063484

Ion	Exp%	Act%
146.00	100	100
111.00	37.60	40.32
148.00	62.90	65.84
0.00	0.00	0.00

Quantitation Report (Qedit)

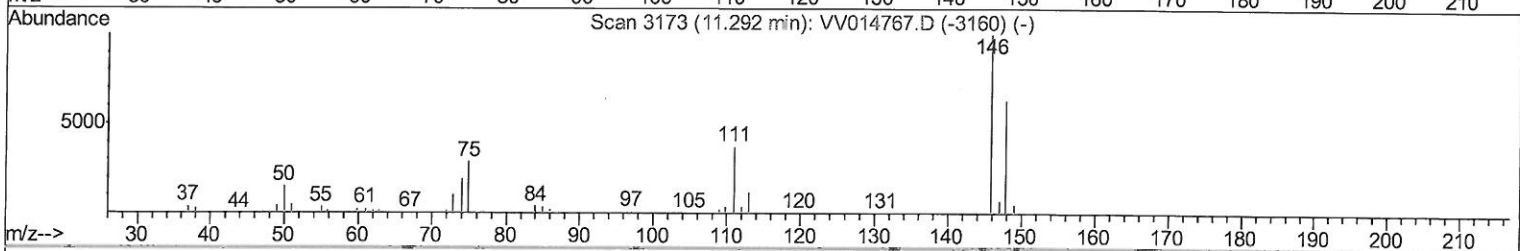
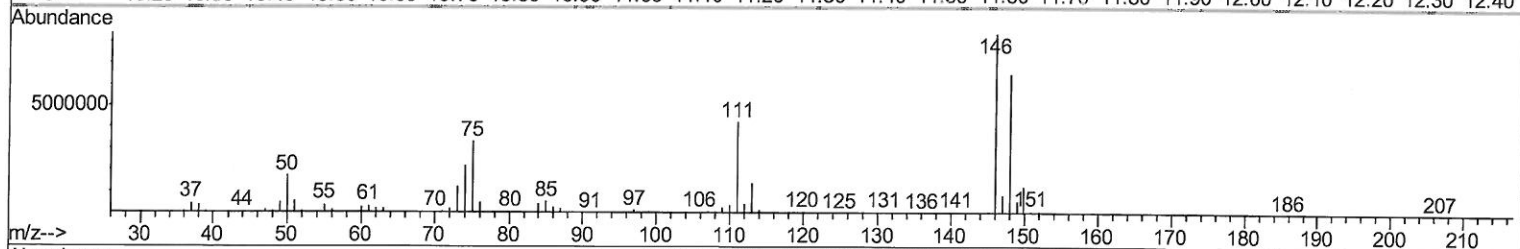
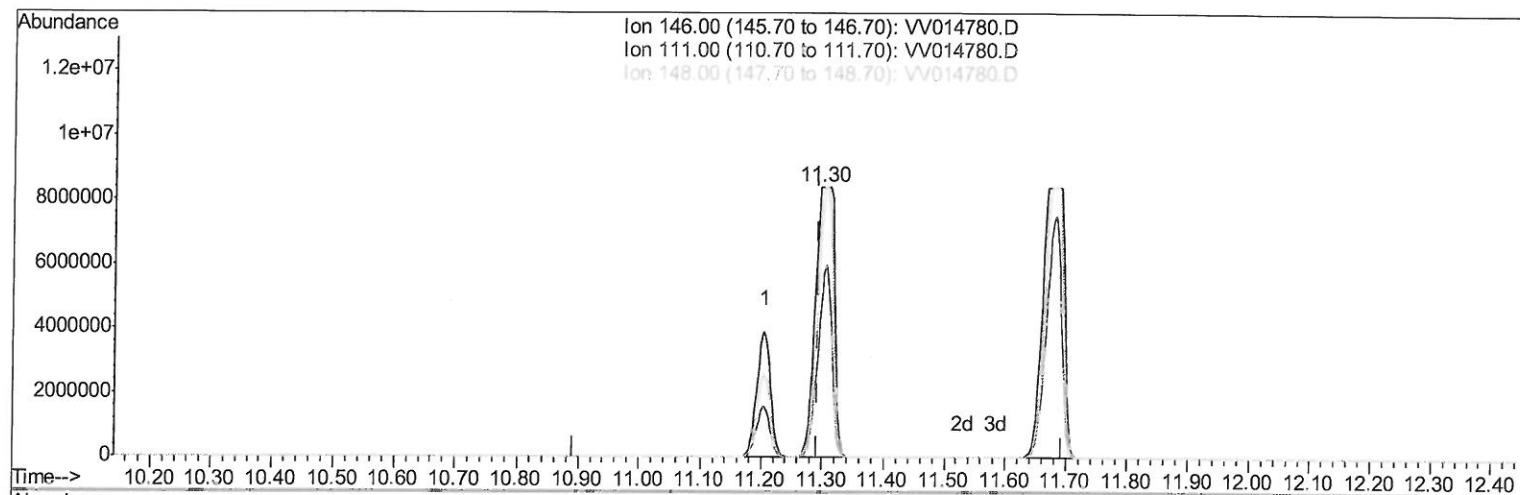
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Manual Integrations
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TIC: VV014780.D

(63) 1,4-Dichlorobenzene (T)

11.296min (+0.003) 2185.68ug/L m

response 18023247

Ion	Exp%	Act%
146.00	100	100
111.00	37.60	50.50#
148.00	62.90	77.70
0.00	0.00	0.00

7 md
3/11/20

Quantitation Report (Qedit)

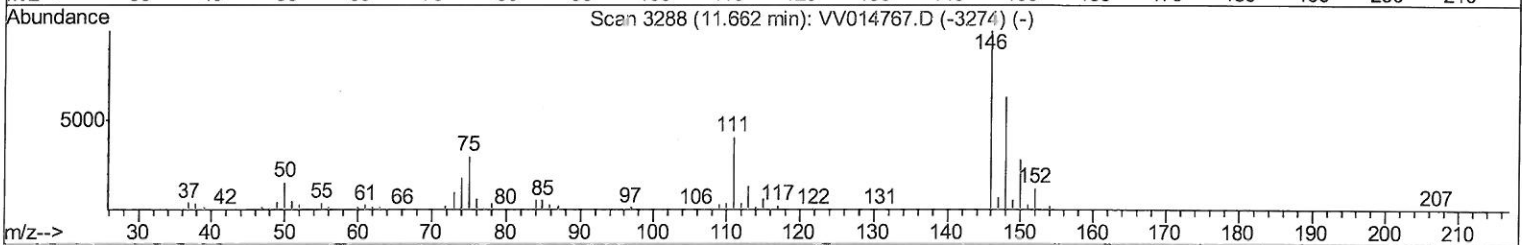
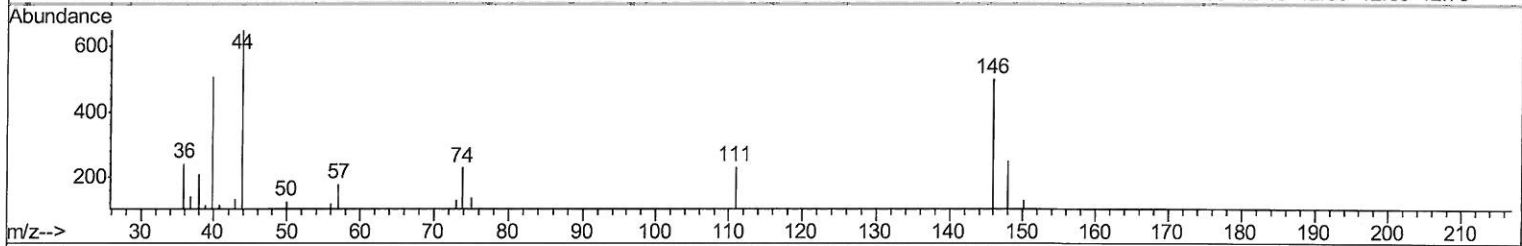
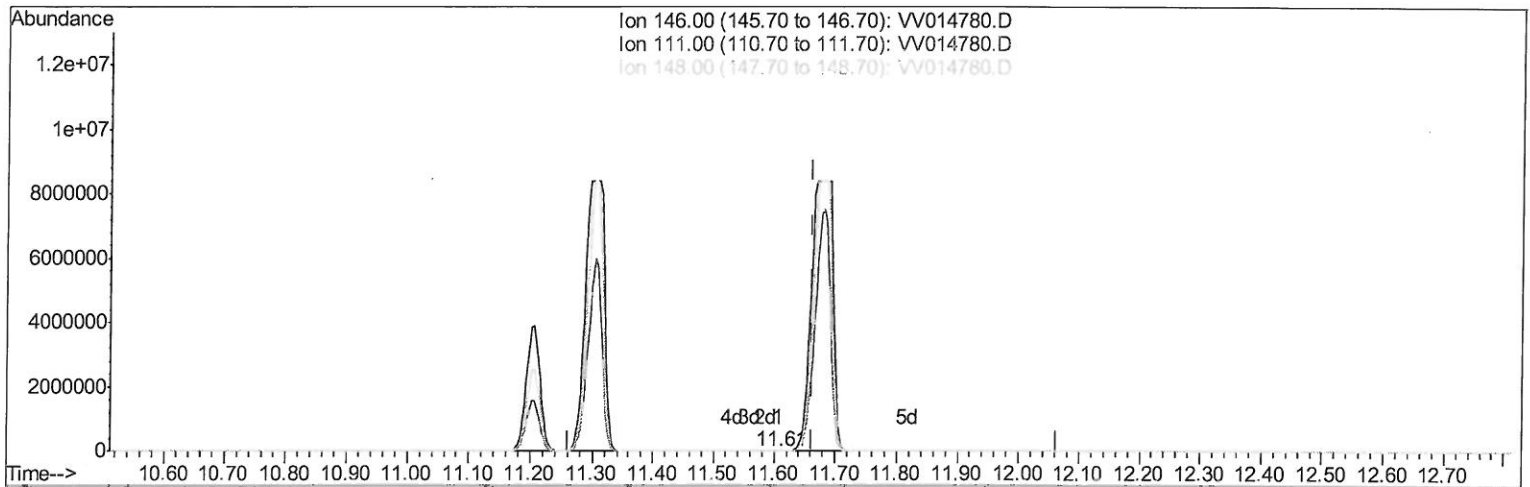
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TIC: VV014780.D

(65) 1,2-Dichlorobenzene (T)

11.608min (-0.055) 0.00ug/L

response 34

Ion	Exp%	Act%
146.00	100	100
111.00	42.40	46.22
148.00	64.20	49.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

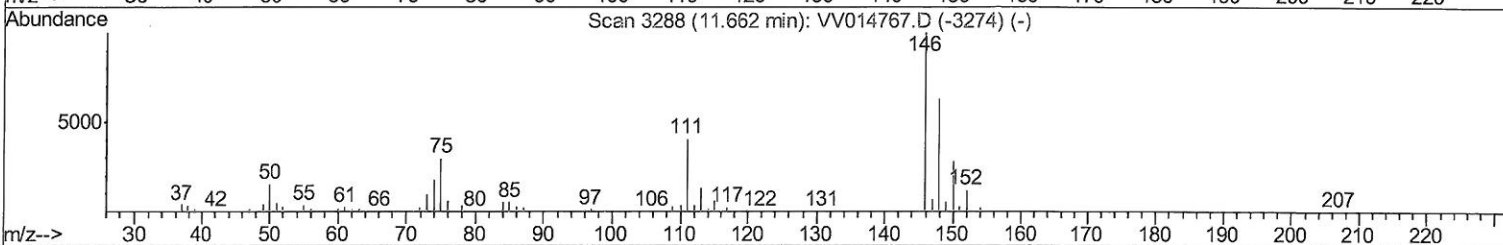
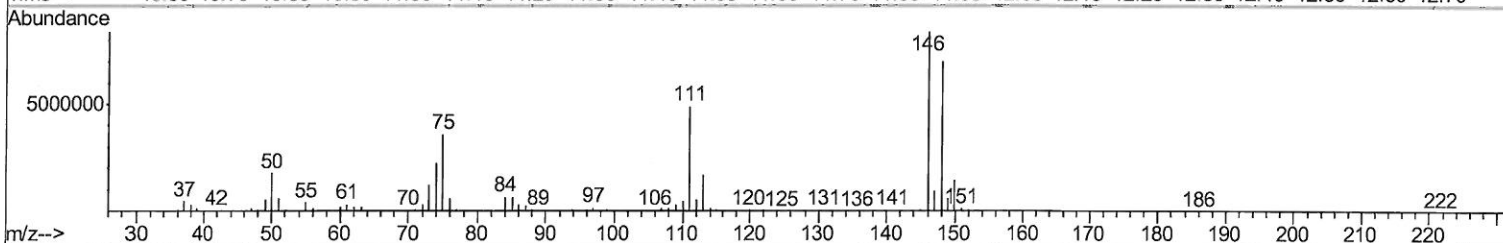
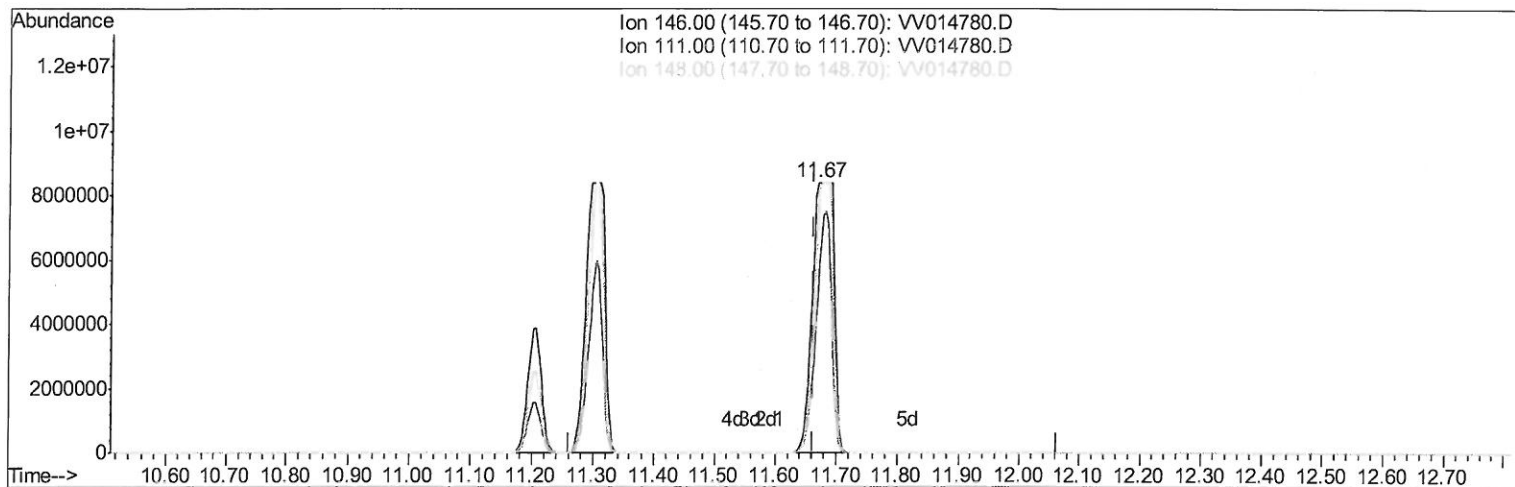
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(65) 1,2-Dichlorobenzene (T)

11.669min (+0.007) 2551.78ug/L m

response 20793587

Ion Exp% Act%

146.00 100 100

111.00 42.40 58.51#

148.00 64.20 83.62#

0.00 0.00 0.00

*7 ml
3/11/20*

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	436521	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	443683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	253106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124097	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.02%
7) Chloroethane-d5	1.58	69	102218	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.54%
11) 1,1-Dichloroethane-d2	2.12	63	164963	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	3.94	46	197806	89.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.78%
24) Chloroform-d	4.38	84	312684	55.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.06	65	176254	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
32) Benzene-d6	5.08	84	558539	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
36) 1,2-Dichloropropane-d6	6.10	67	169398	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.26%
41) Toluene-d8	7.34	98	523321	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%
43) trans-1,3-Dichloropropene-	7.64	79	84403	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.04%
47) 2-Hexanone-d5	8.12	63	161848	93.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	234993	44.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.66	152	243352	48.51	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

						Qvalue
13) Acetone	2.22	43	7873	4.28	ug/L	50
16) Methylene chloride	2.52	84	2406m	0.75	ug/L	
25) Chloroform	4.41	83	1170068	197.39	ug/L	100
27) 1,2-Dichloroethane	5.14	62	411099	89.48	ug/L	# 75
31) Carbon tetrachloride	4.86	117	56969	13.04	ug/L	100
33) Benzene	5.12	78	27651430m	2151.25	ug/L	
34) Trichloroethene	5.95	95	4581	1.36	ug/L	93
38) Bromodichloromethane	6.53	83	8457	1.91	ug/L	98
46) Tetrachloroethene	8.00	164	2211	0.80	ug/L	78
51) Chlorobenzene	8.90	112	21748479m	2383.67	ug/L	
62) 1,3-Dichlorobenzene	11.21	146	6063484	740.82	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	18023247m	2185.68	ug/L	
65) 1,2-Dichlorobenzene	11.67	146	20793587m	2551.78	ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	2827	0.45	ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	4678831	804.17	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	2077384	358.21	ug/L	100

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Instrument :
MSVOA_V
ClientSampleId :
C0DL2

Manual Integrations
APPROVED

MMDadoda
3/11/2020 9:41:27 AM

Quant Time: Mar 10 16:41:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration

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