

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\

Data File : VU030374.D

Acq On : 24 Mar 2019 16:37

Operator : JC/SP

Sample : K2016-08

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 25 13:32:34 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Mar 25 03:20:51 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

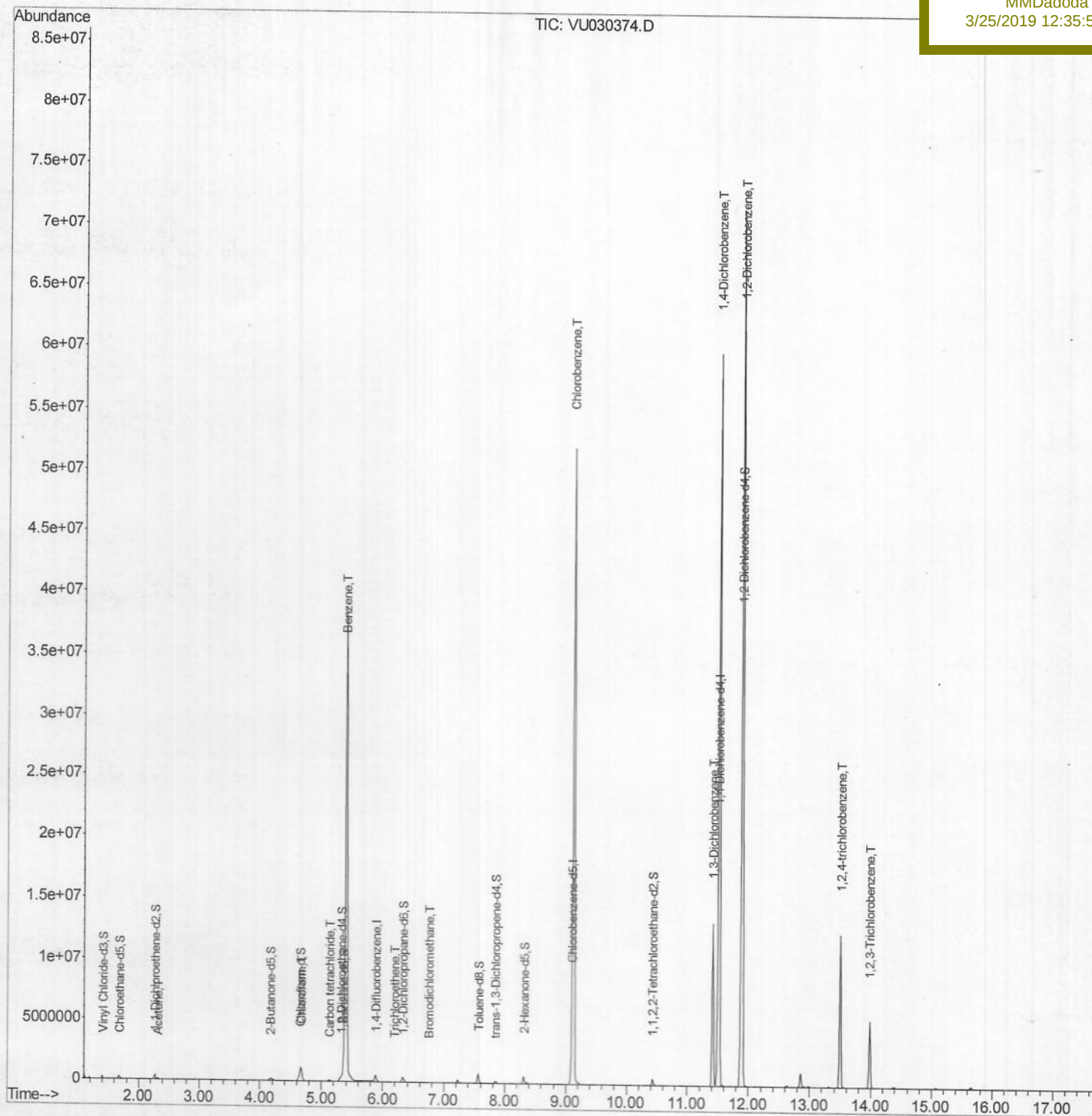
C0985

Manual Integrations

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3/25/2019 12:35:57 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

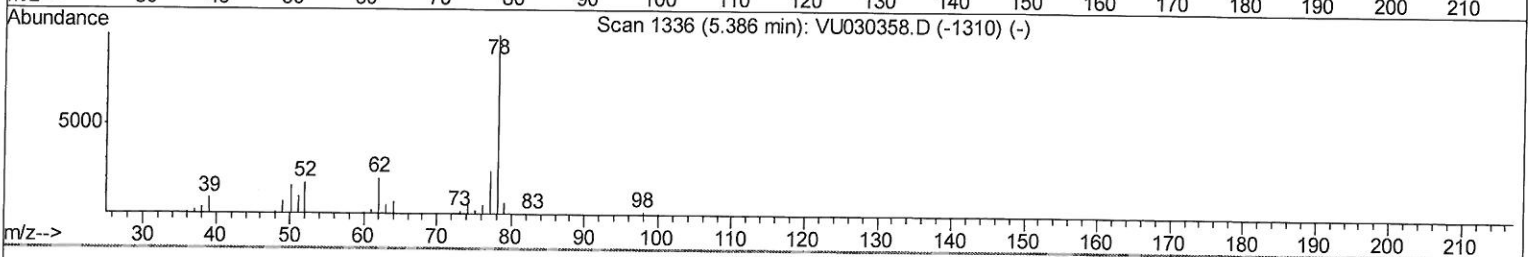
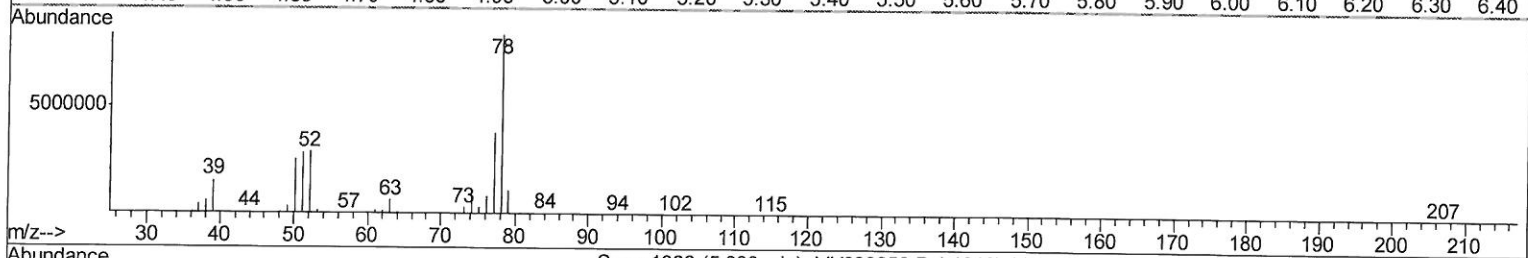
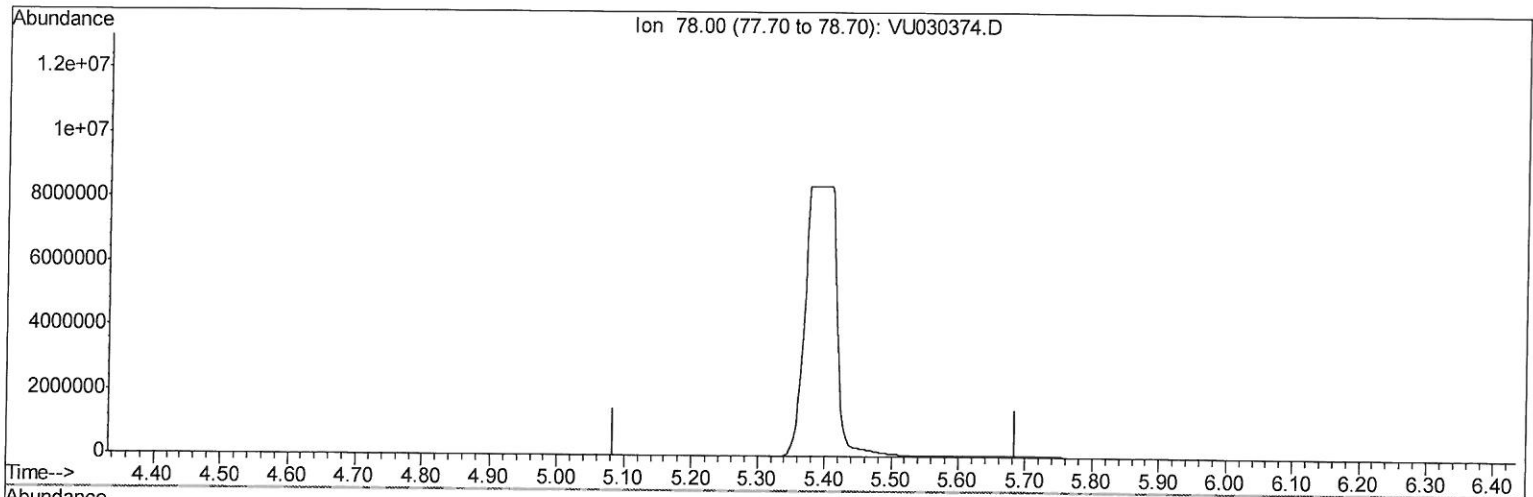
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TIC: VU030374.D

(33) Benzene (T)

5.386min (-5.386) 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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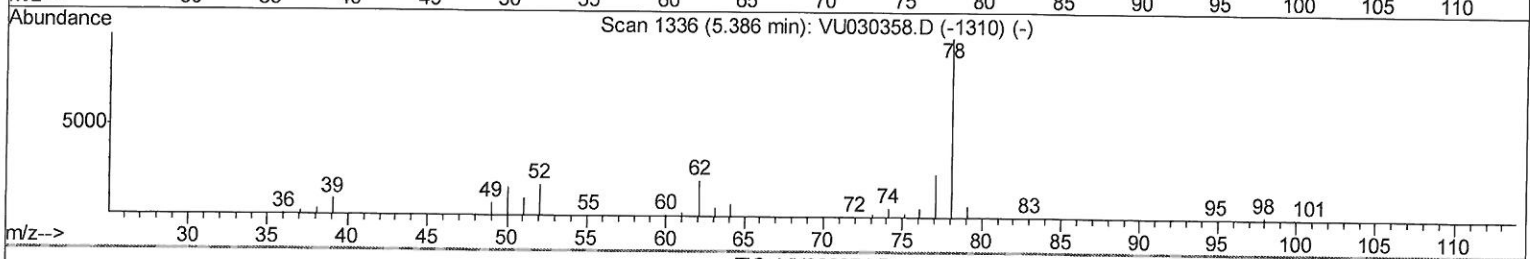
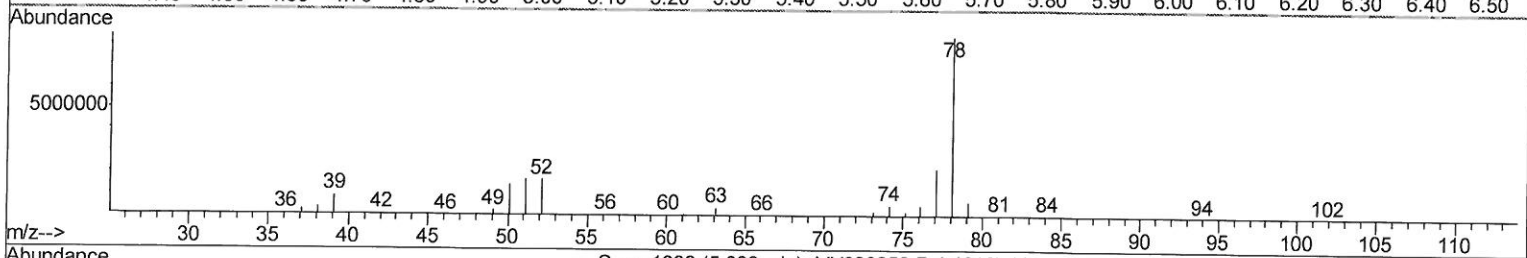
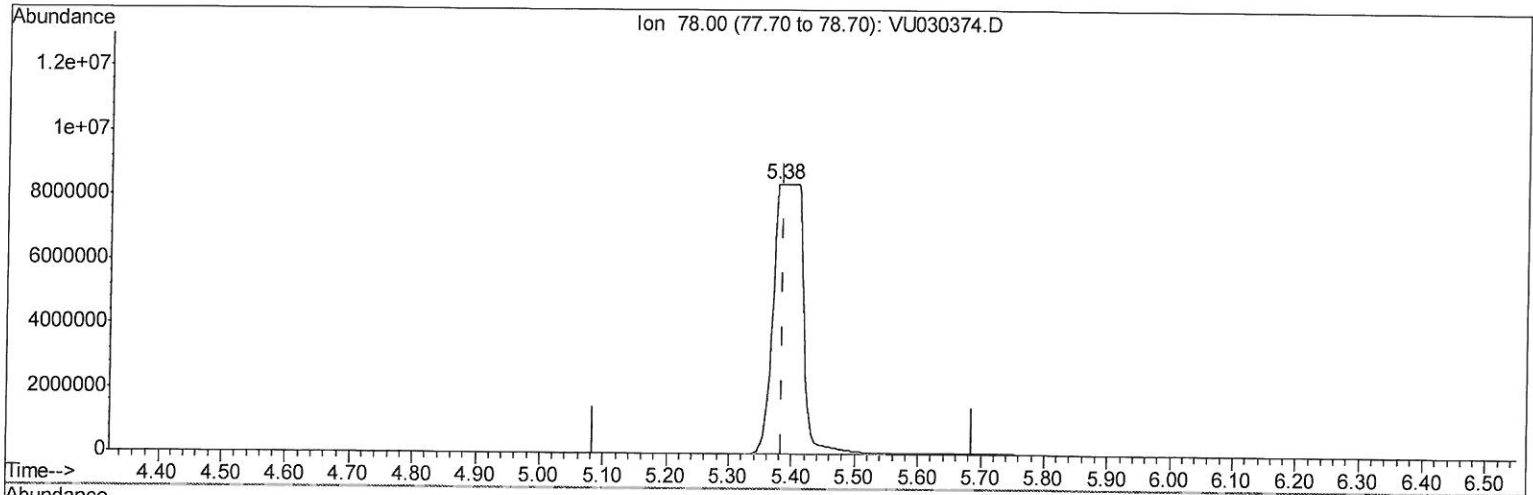
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TIC: VU030374.D

(33) Benzene (T)

5.376min (-0.009) 1966.95ug/L m

response 27460703

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 MLO
3/27/19

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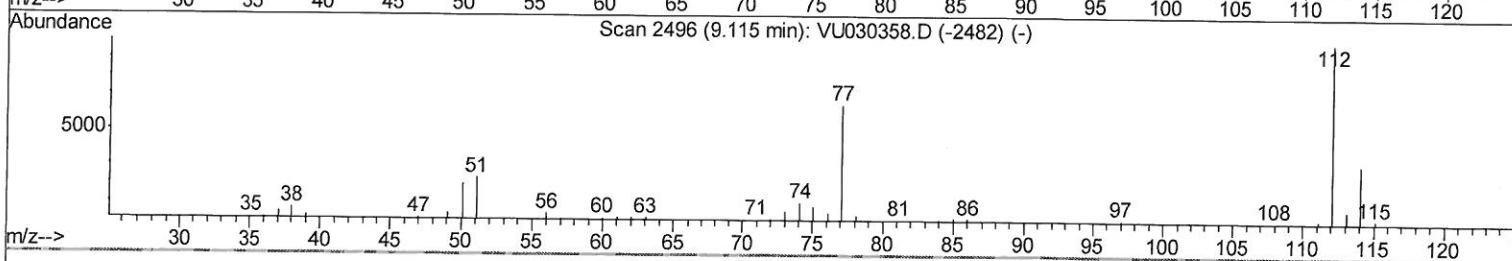
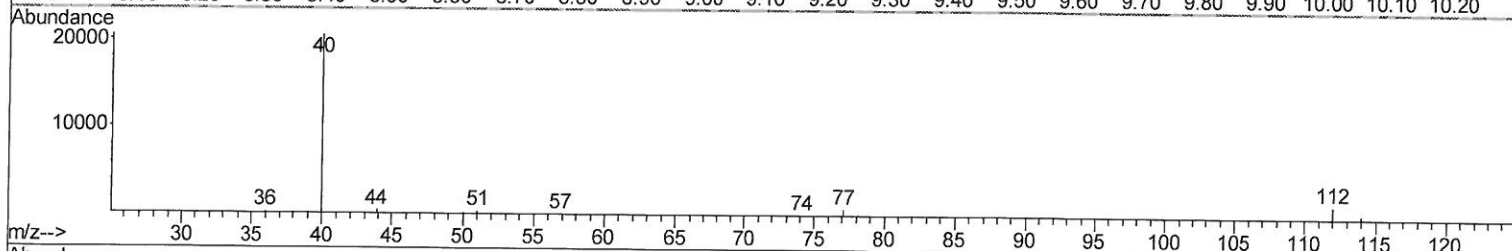
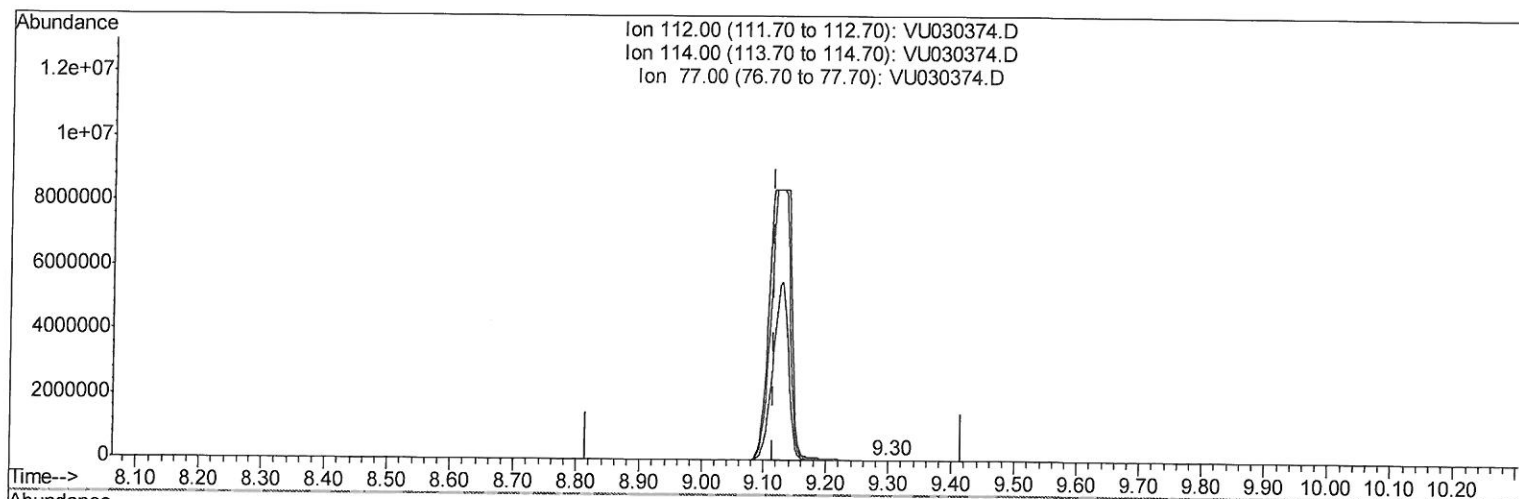
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(51) Chlorobenzene (T)

9.296min (+0.180) 0.02ug/L

response 190

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	32.81
77.00	64.20	56.82
0.00	0.00	0.00

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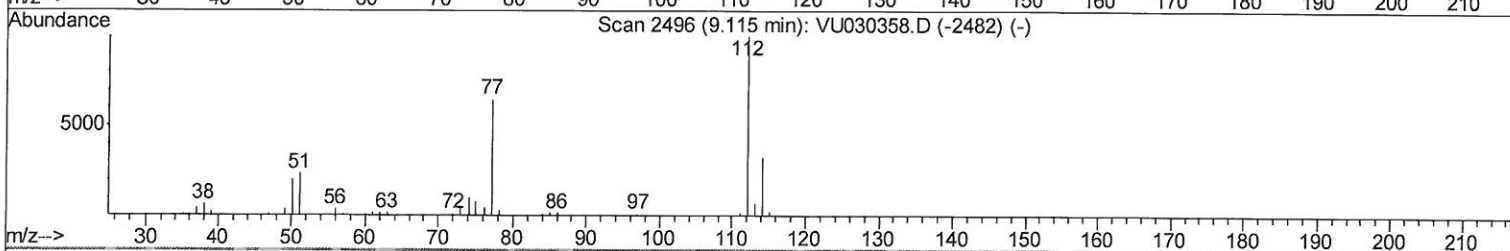
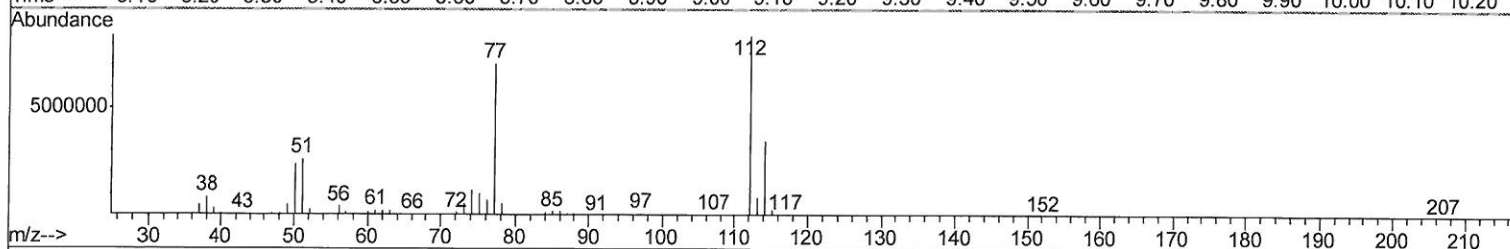
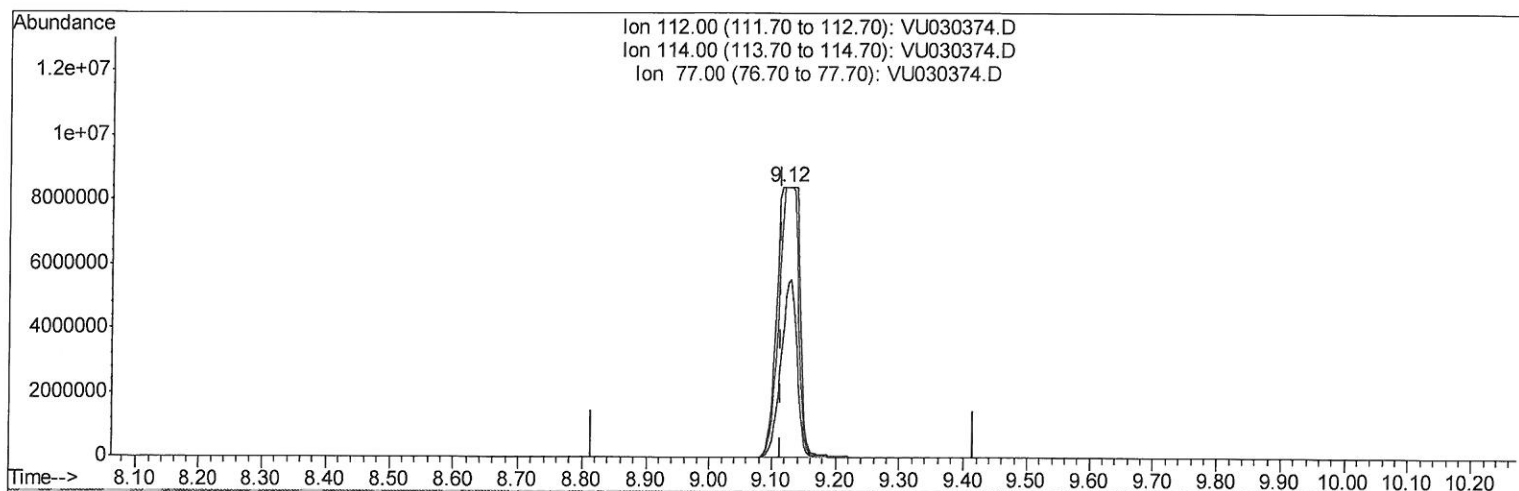
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TIC: VU030374.D

(51) Chlorobenzene (T)

9.116min (+0.000) 2366.91ug/L m

response 20784699

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	40.99#
77.00	64.20	84.54#
0.00	0.00	0.00

7 mC
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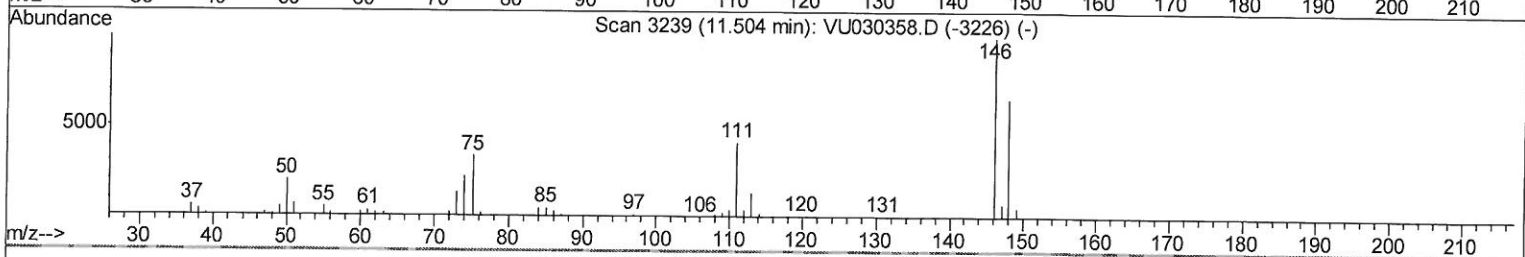
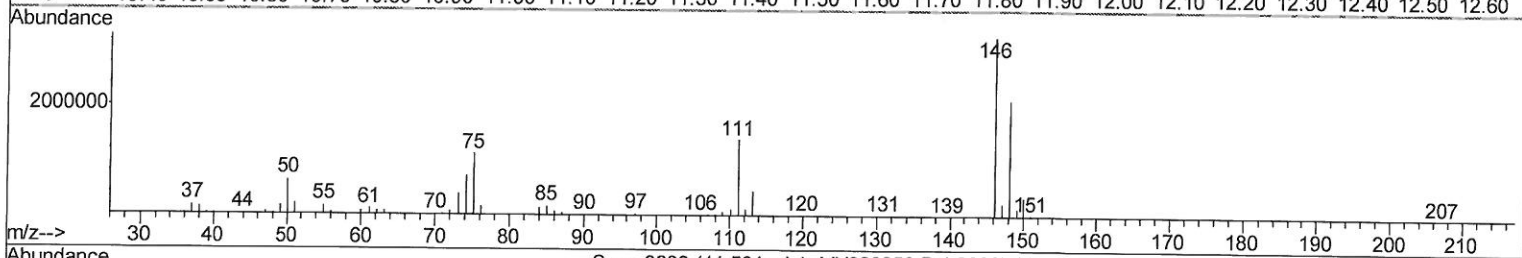
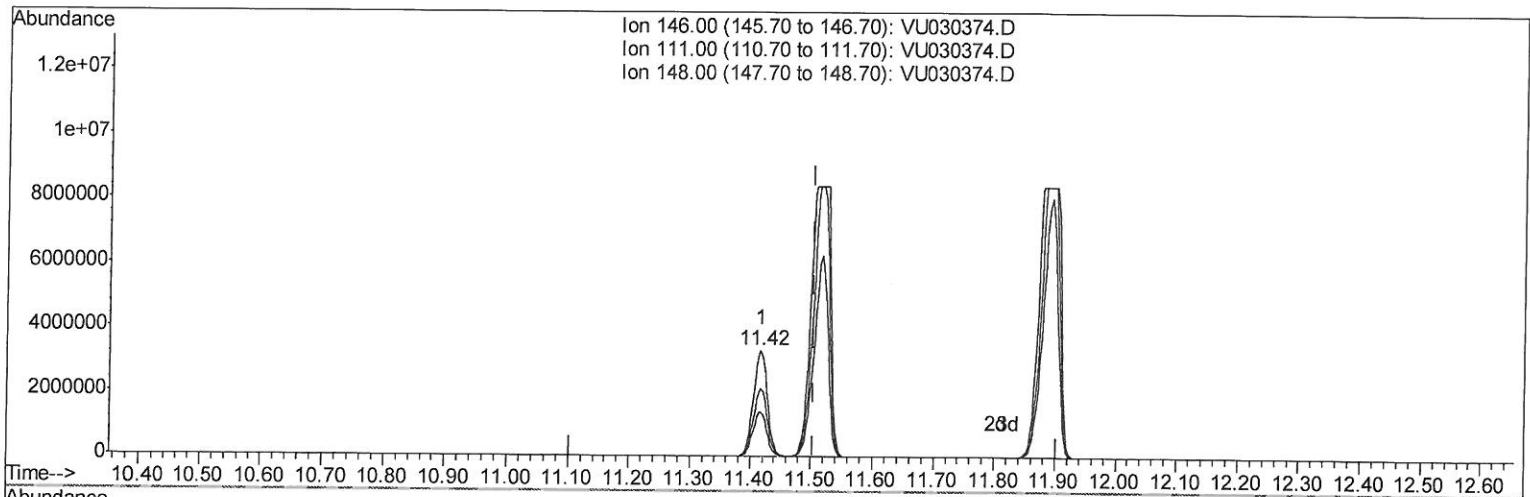
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TIC: VU030374.D

(63) 1,4-Dichlorobenzene (T)

11.418min (-0.087) 734.41ug/L

response 5229310

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	42.26
148.00	63.30	64.36
0.00	0.00	0.00

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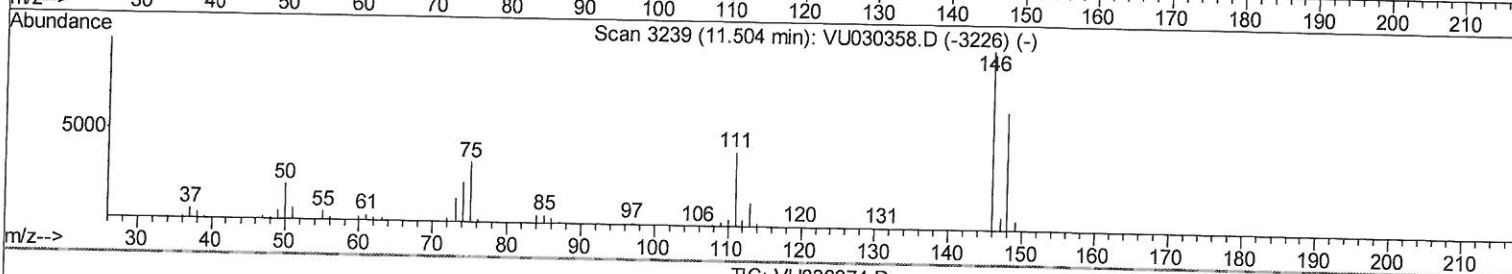
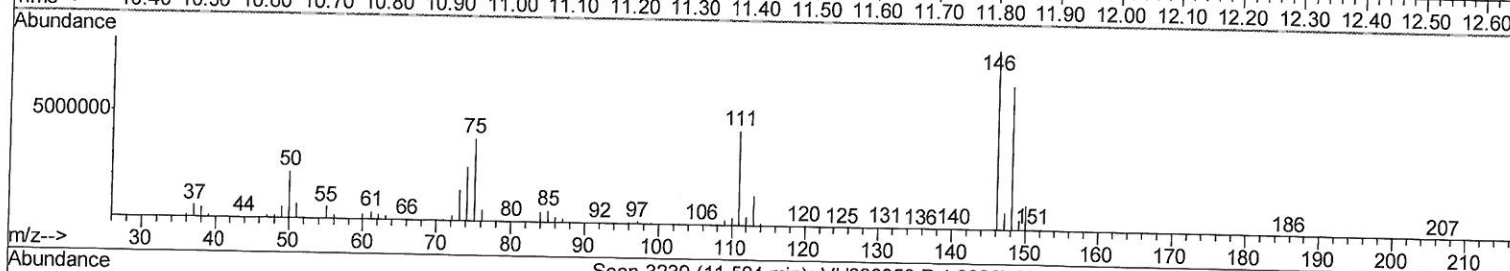
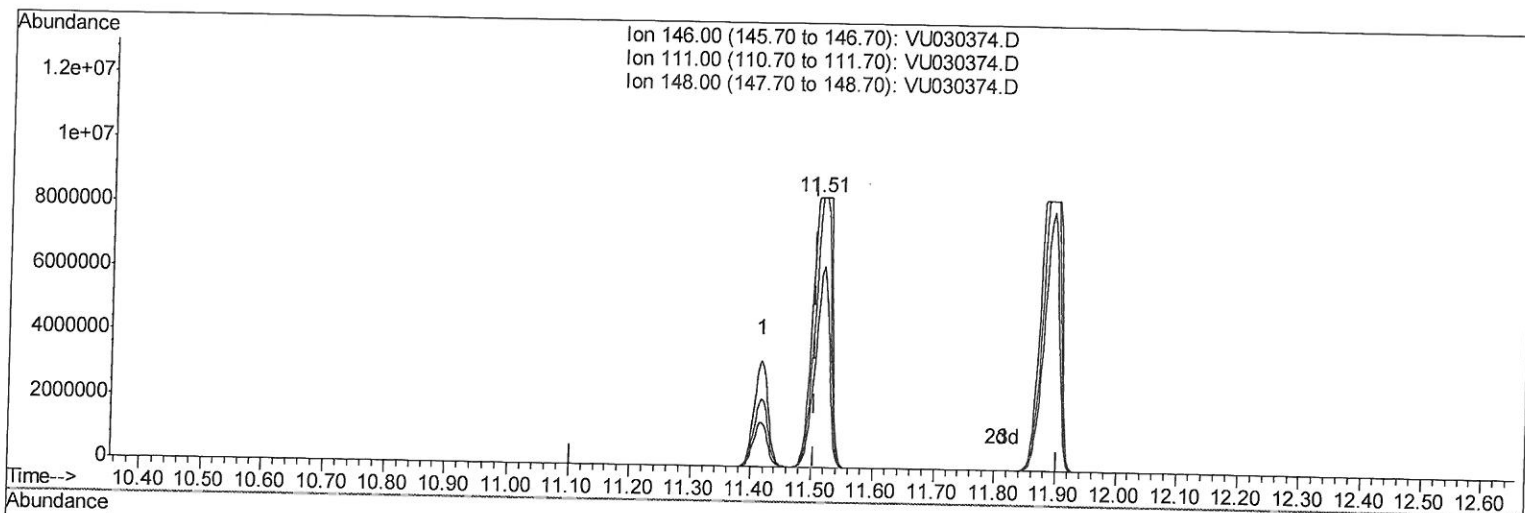
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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TIC: VU030374.D

(63) 1,4-Dichlorobenzene (T)

11.508min (+0.003) 2624.39ug/L m

response 18686831

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	52.77
148.00	63.30	80.37
0.00	0.00	0.00

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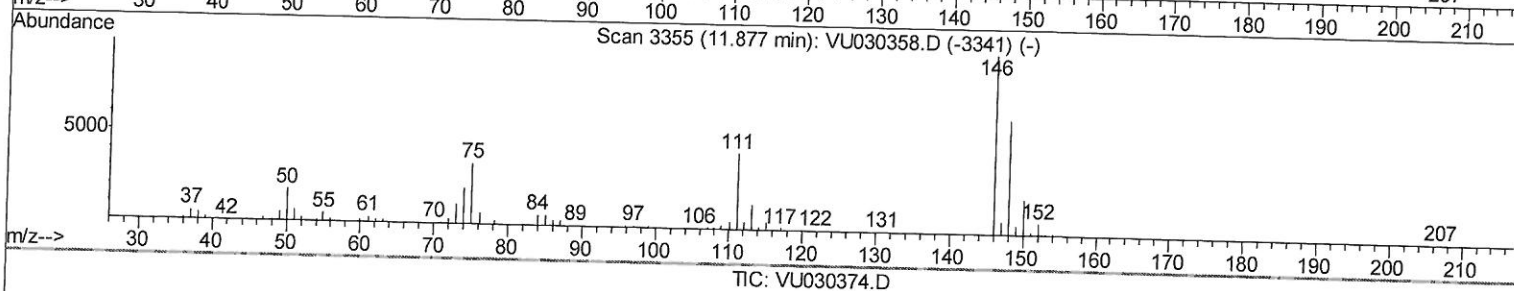
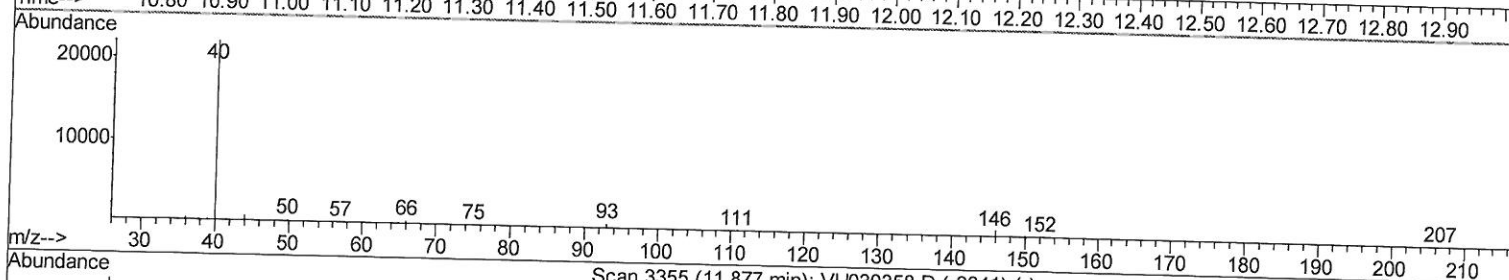
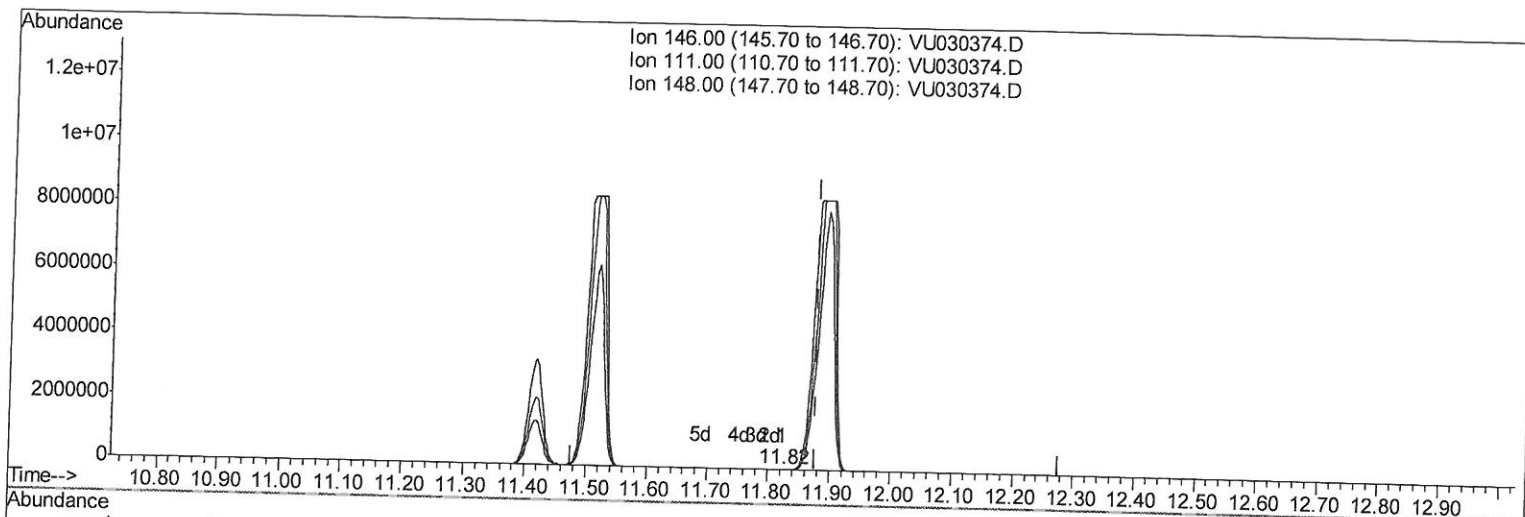
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(65) 1,2-Dichlorobenzene (T)

11.823min (-0.054) 0.02ug/L

response 157

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	23.39#
148.00	64.00	37.55#
0.00	0.00	0.00

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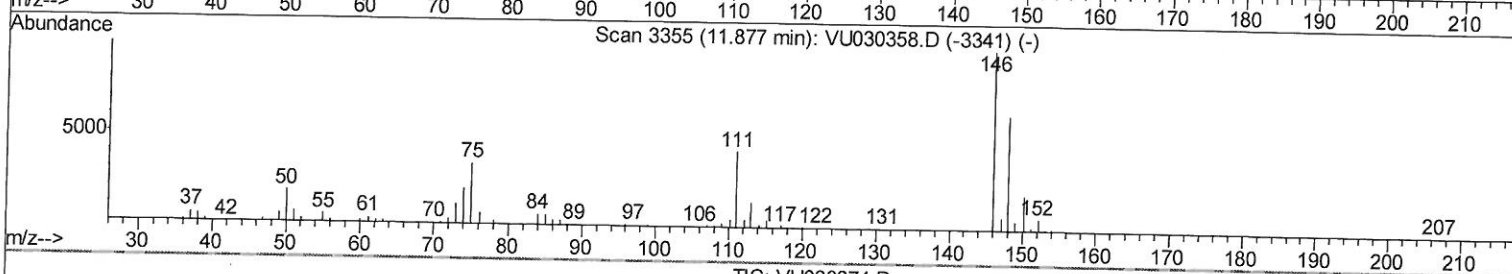
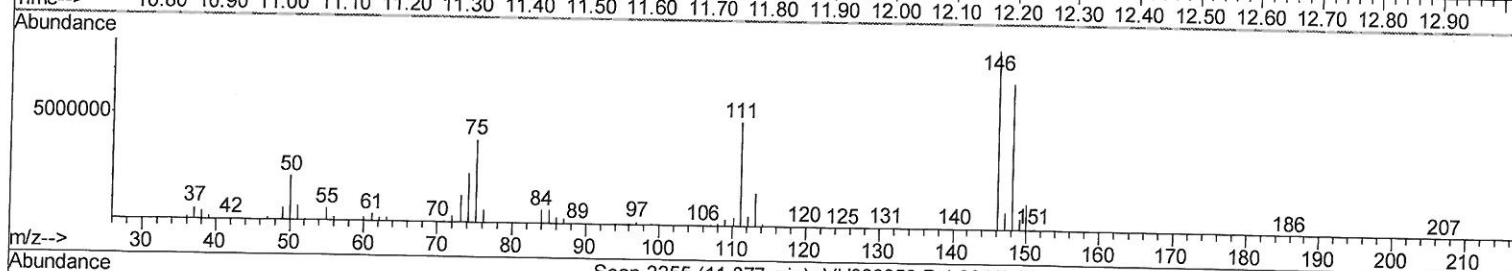
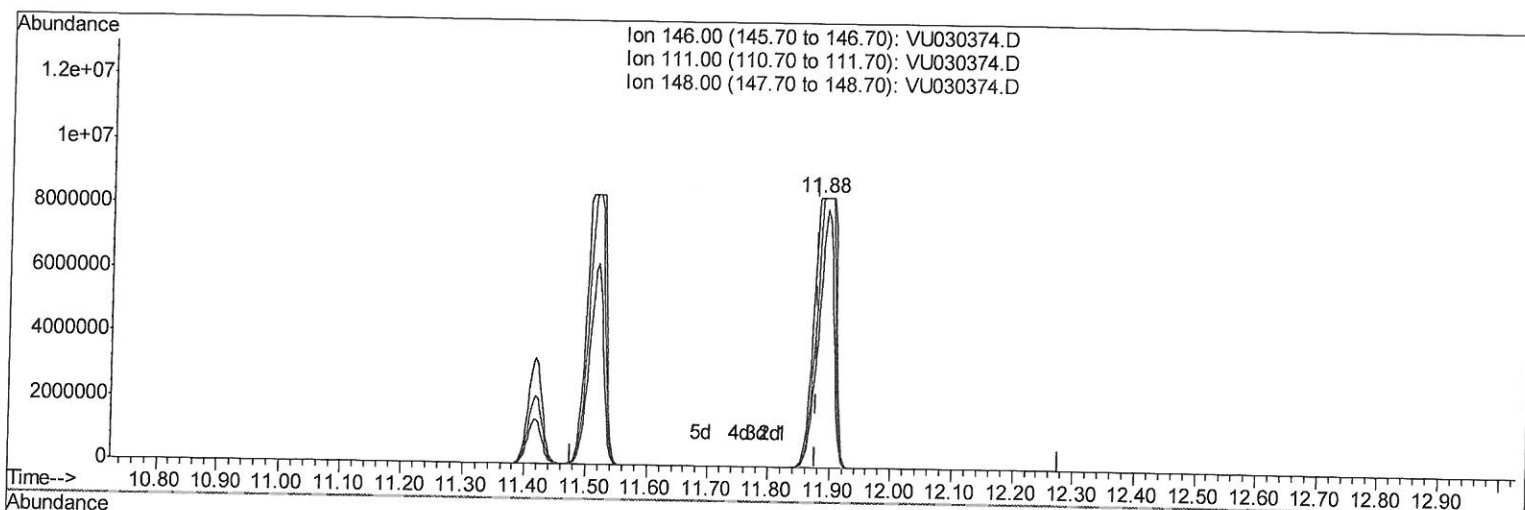
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TIC: VU030374.D

(65) 1,2-Dichlorobenzene (T)

11.881min (+0.003) 3025.17ug/L m

response 21157319

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	58.07#
148.00	64.00	81.23#
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	412481	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	410124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	211499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136381	41.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.16%		
7) Chloroethane-d5	1.68	69	115210	43.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.58%		
11) 1,1-Dichloroethene-d2	2.27	63	204280	32.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.88%		
21) 2-Butanone-d5	4.17	46	280064	89.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.75%		
24) Chloroform-d	4.65	84	296468	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.66%		
26) 1,2-Dichloroethane-d4	5.31	65	172845	46.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.36%		
32) Benzene-d6	5.34	84	537152	45.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.34%		
36) 1,2-Dichloropropane-d6	6.33	67	190181	47.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.52%		
41) Toluene-d8	7.56	98	471432	44.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.26%		
43) trans-1,3-Dichloropropene-	7.85	79	77830	41.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.26%		
47) 2-Hexanone-d5	8.31	63	190425	87.33	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.33%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	254417	44.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.36%		
64) 1,2-Dichlorobenzene-d4	11.87	152	202927	47.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.78%		

Target Compounds

					Ovalue
13) Acetone	2.32	43	17640	5.590 ug/L	99
25) Chloroform	4.67	83	962355	159.343 ug/L	98
31) Carbon tetrachloride	5.13	117	45431	10.673 ug/L	96
33) Benzene	5.38	78	27460703m	1966.952 ug/L	
34) Trichloroethene	6.19	95	3731	1.087 ug/L	91
38) Bromodichloromethane	6.76	83	7050	1.498 ug/L	99
51) Chlorobenzene	9.12	112	20784699m	2366.912 ug/L	
62) 1,3-Dichlorobenzene	11.42	146	5229310	756.053 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	18686831m	2624.390 ug/L	
65) 1,2-Dichlorobenzene	11.88	146	21157319m	3025.168 ug/L	
68) 1,2,4-trichlorobenzene	13.50	180	3594091	798.869 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	1559837	328.338 ug/L	100

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