

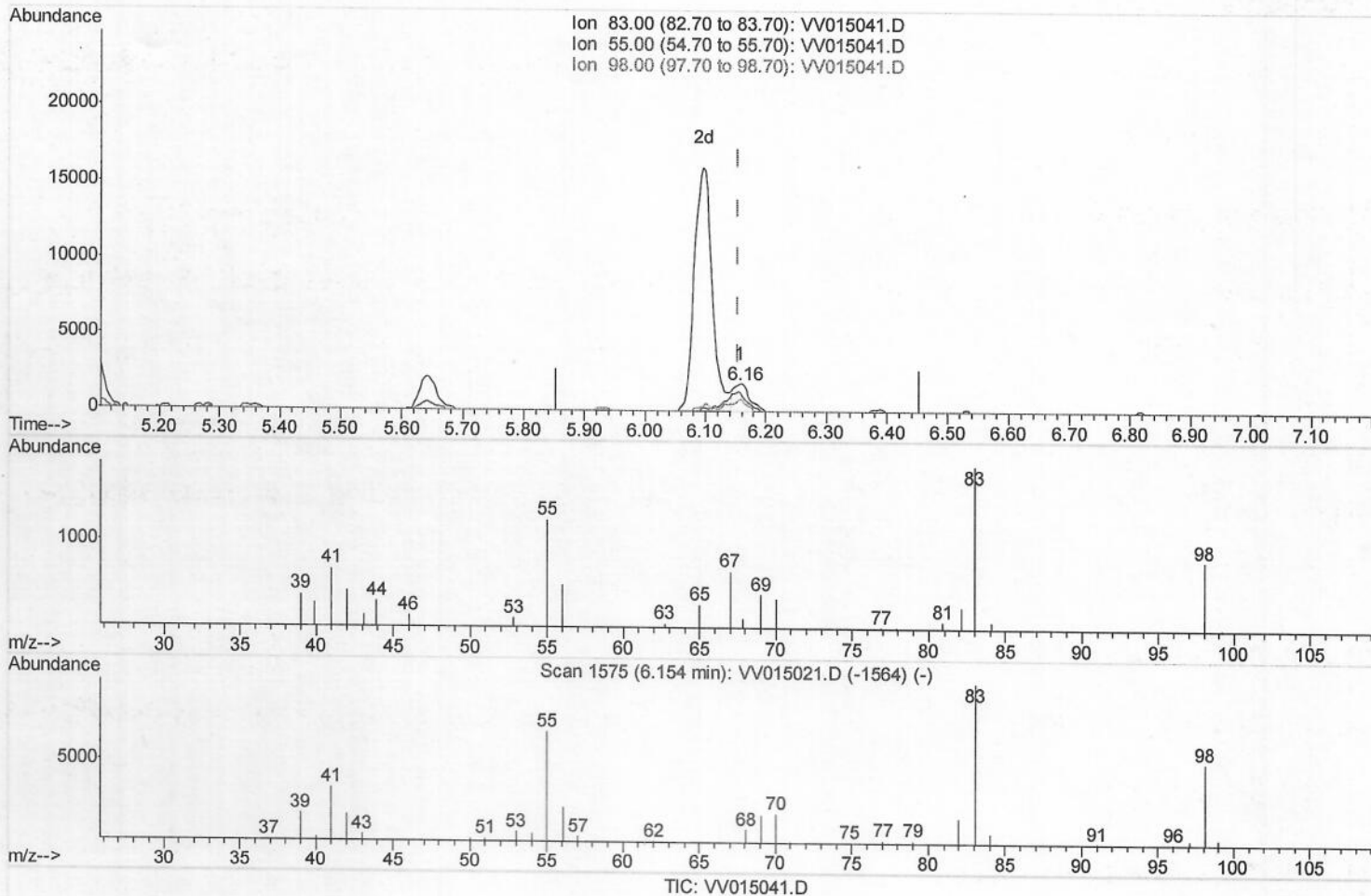
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
 Quantitation Report (Qedit)
 Data File : VV015041.D
 Acq On : 19 Mar 2020 02:28
 Operator : SY/MD
 Sample : L1941-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DM0

Manual Integrations
 APPROVED

sam
 3/19/2020 11:31:08 AM

Quant Time: Mar 19 04:14:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 04:08:09 2020
 Response via : Initial Calibration



(35) Methylcyclohexane (T)

6.158min (+0.003) 0.90ug/L

response 3433

Ion	Exp%	Act%
83.00	100	100
55.00	69.20	86.95#
98.00	50.80	29.01#
0.00	0.00	0.00

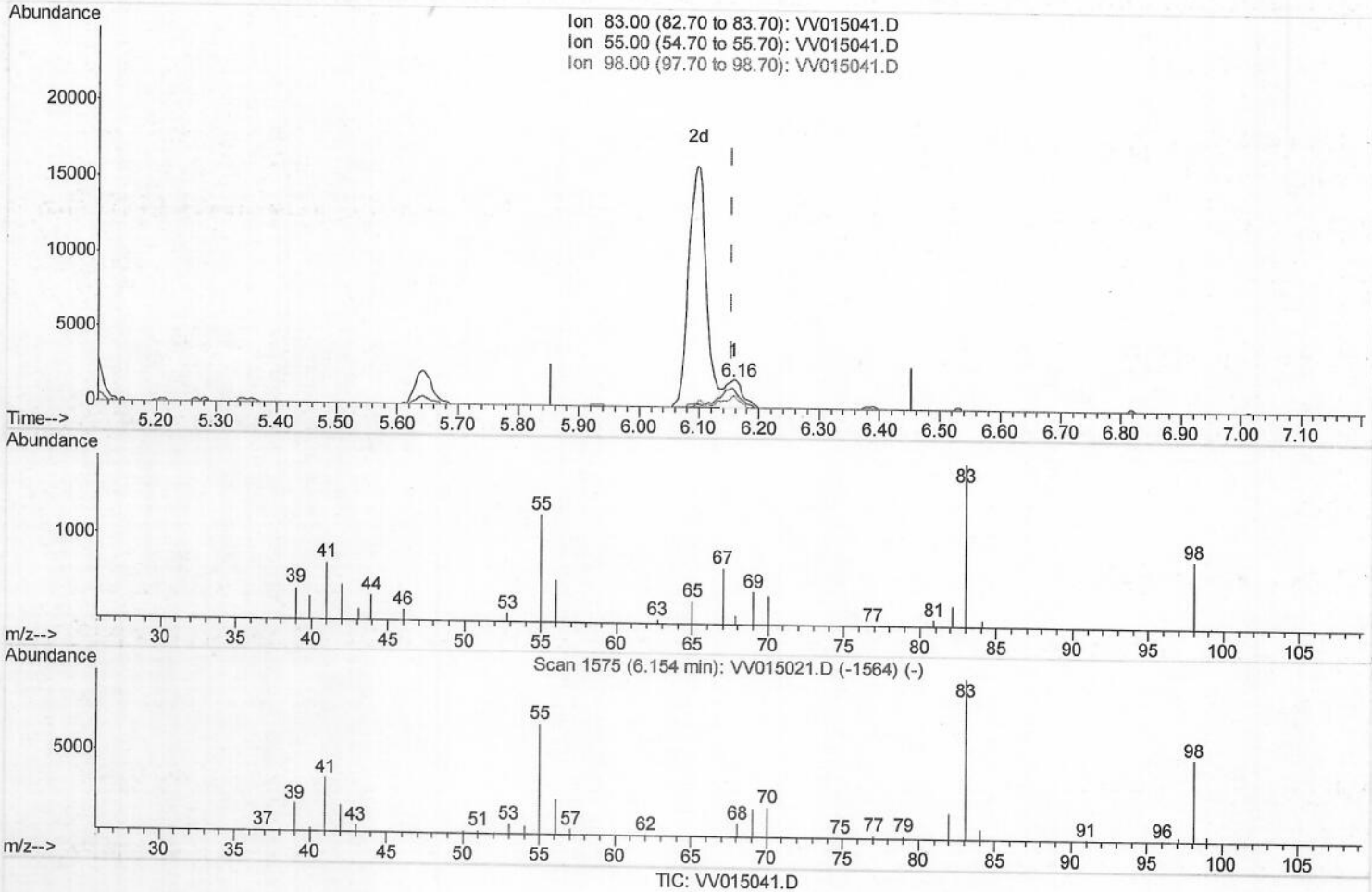
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(35) Methylcyclohexane (T)

6.158min (+0.003) 1.03ug/L m>

response 3928

Ion	Exp%	Act%
83.00	100	100
55.00	69.20	75.99
98.00	50.80	25.36#
0.00	0.00	0.00

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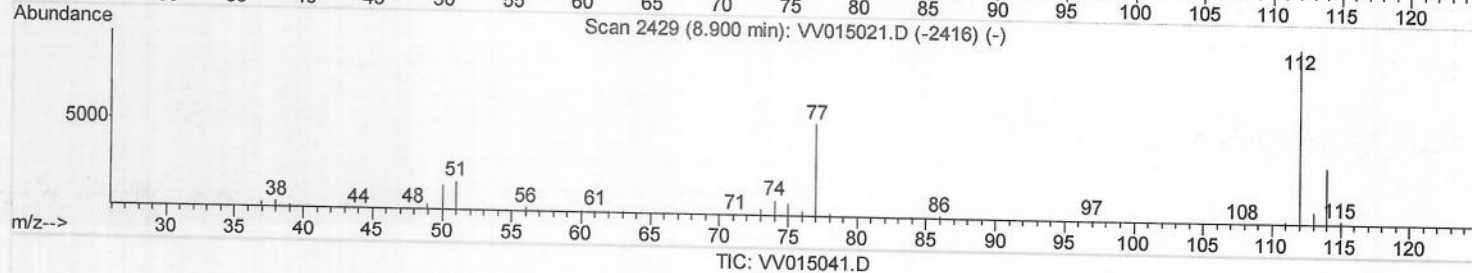
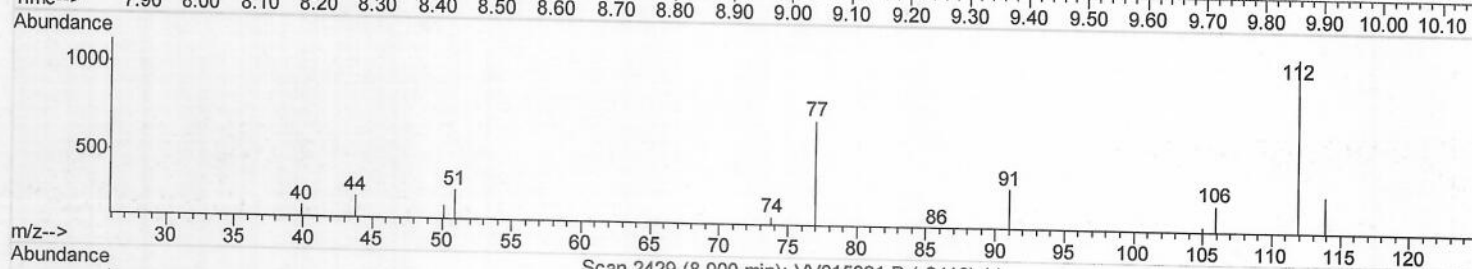
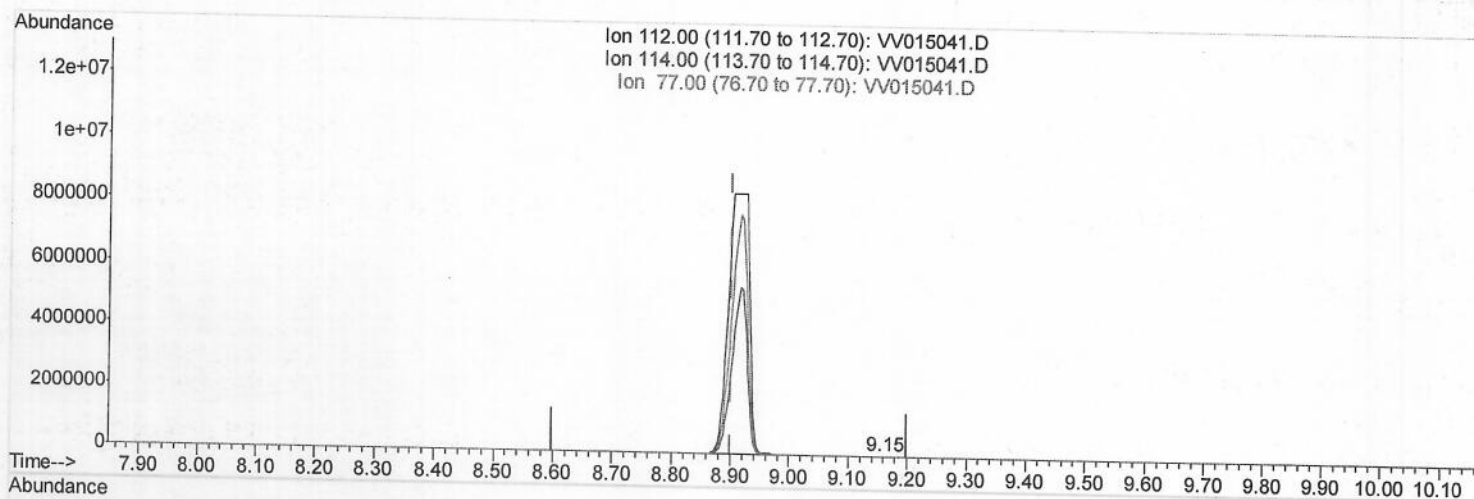
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(51) Chlorobenzene (T)

9.154min (+0.254) 0.03ug/L

response 218

Ion	Exp%	Act%
112.00	100	100
114.00	32.00	29.79
77.00	53.60	64.67#
0.00	0.00	0.00

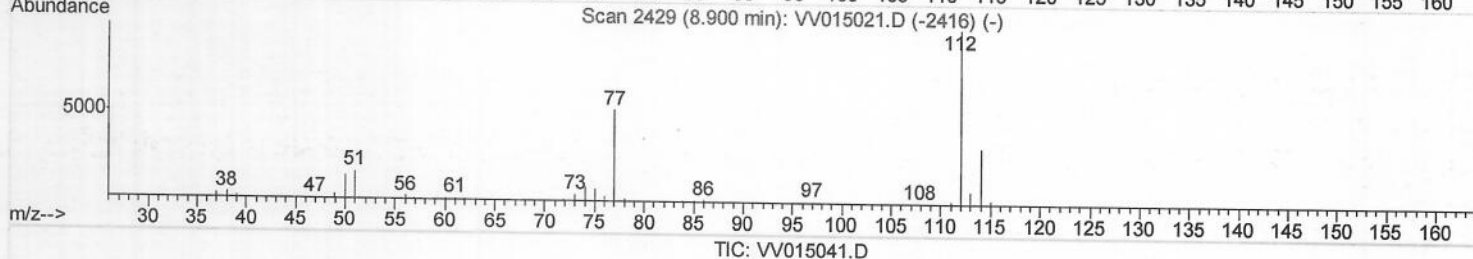
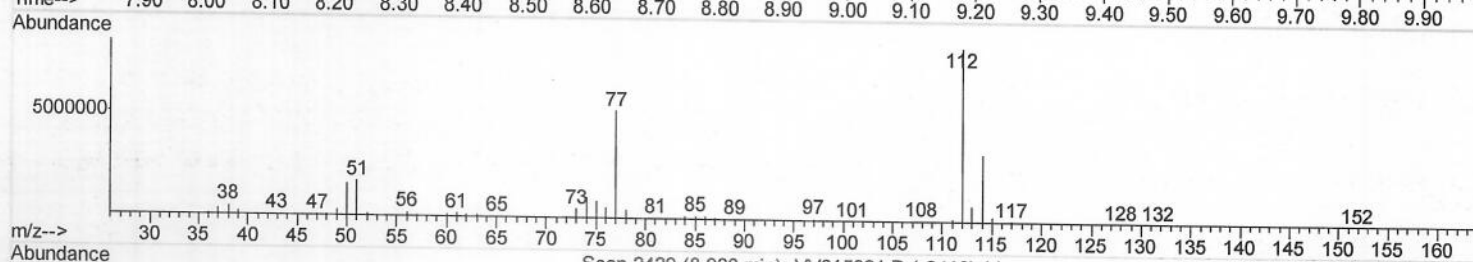
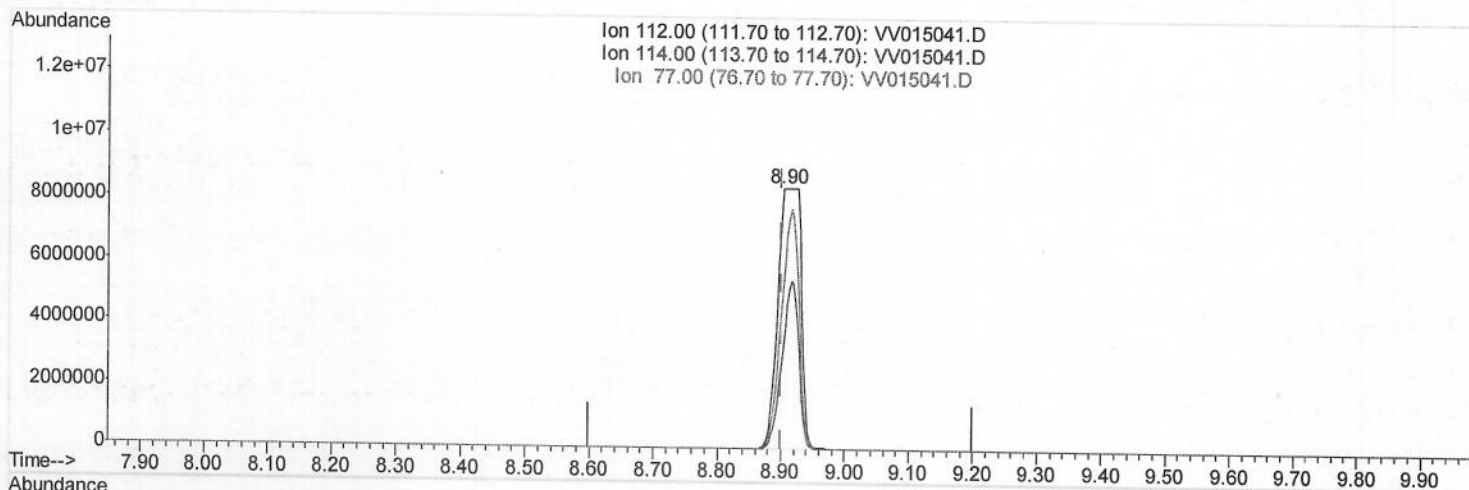
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(51) Chlorobenzene (T)

8.903min (+0.003) 2957.16ug/L m >

response 20897195

Ion	Exp%	Act%
112.00	100	100
114.00	32.00	39.25
77.00	53.60	62.23
0.00	0.00	0.00

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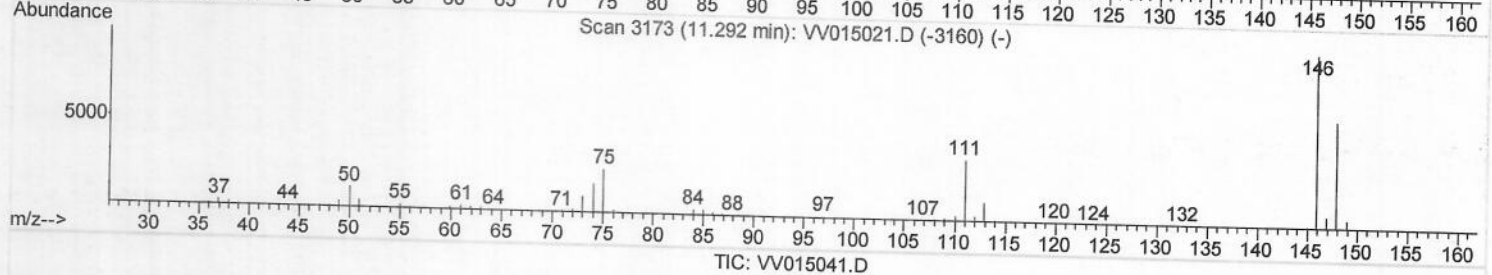
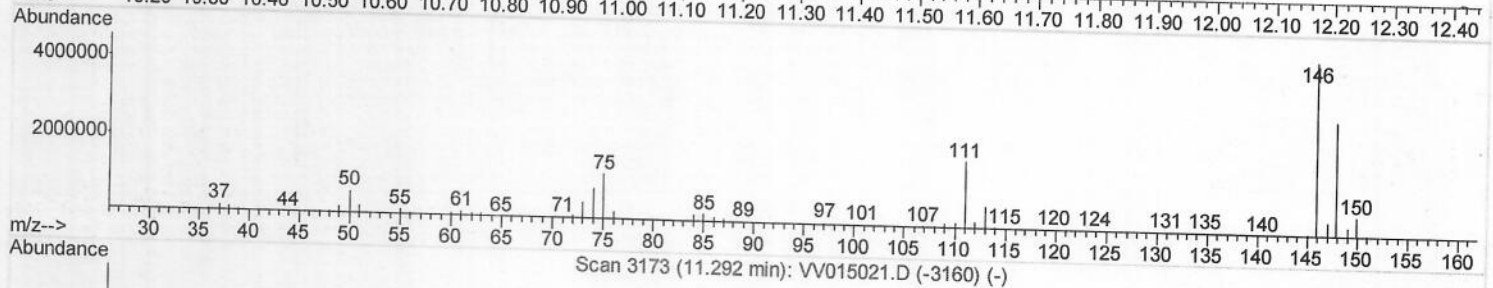
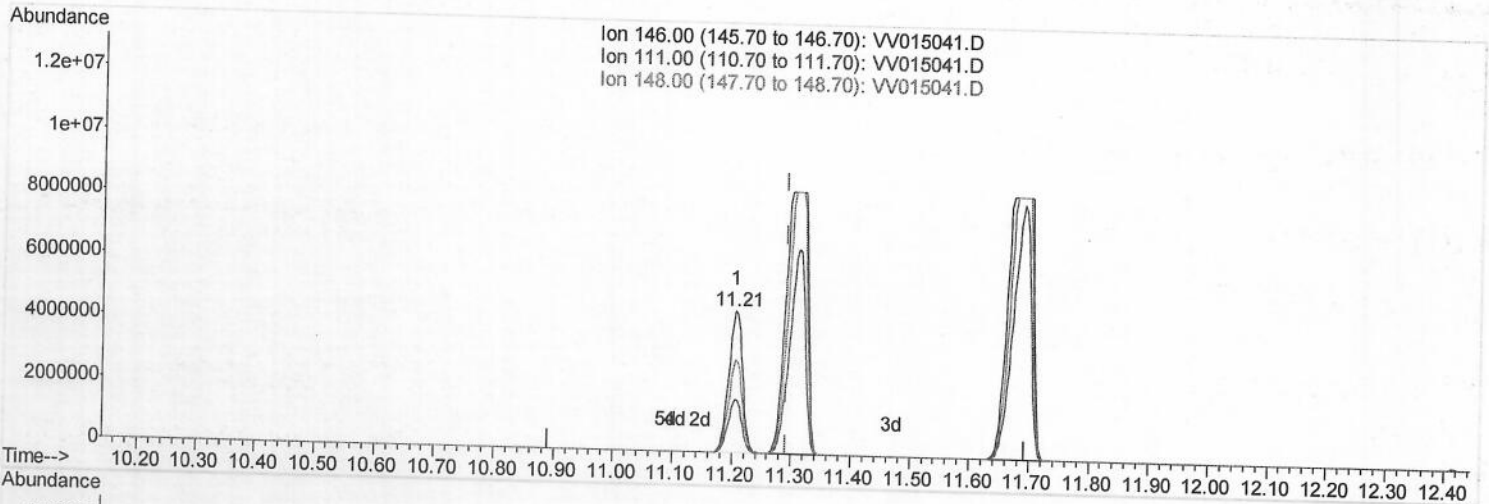
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(63) 1,4-Dichlorobenzene (T)

11.206min (-0.087) 1056.70ug/L

response 7273053

Ion	Exp%	Act%
146.00	100	100
111.00	36.90	38.25
148.00	65.30	65.75
0.00	0.00	0.00

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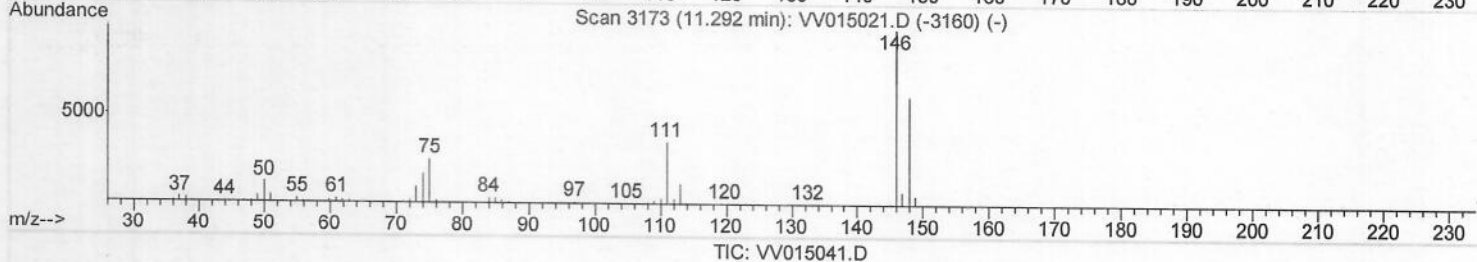
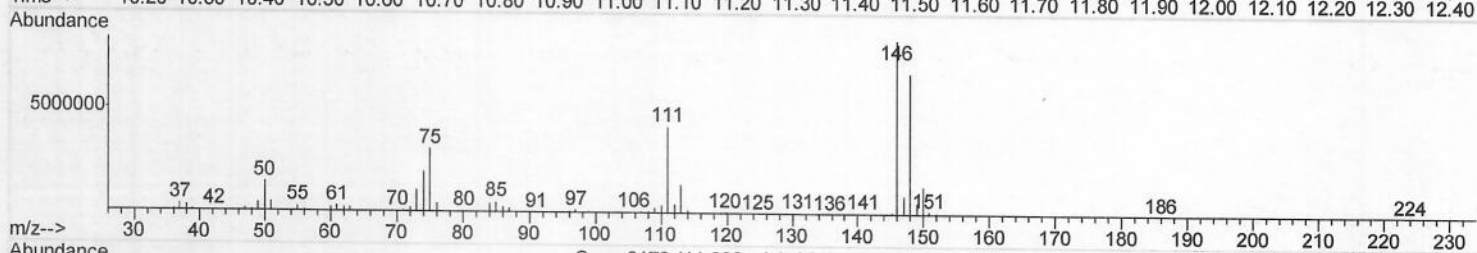
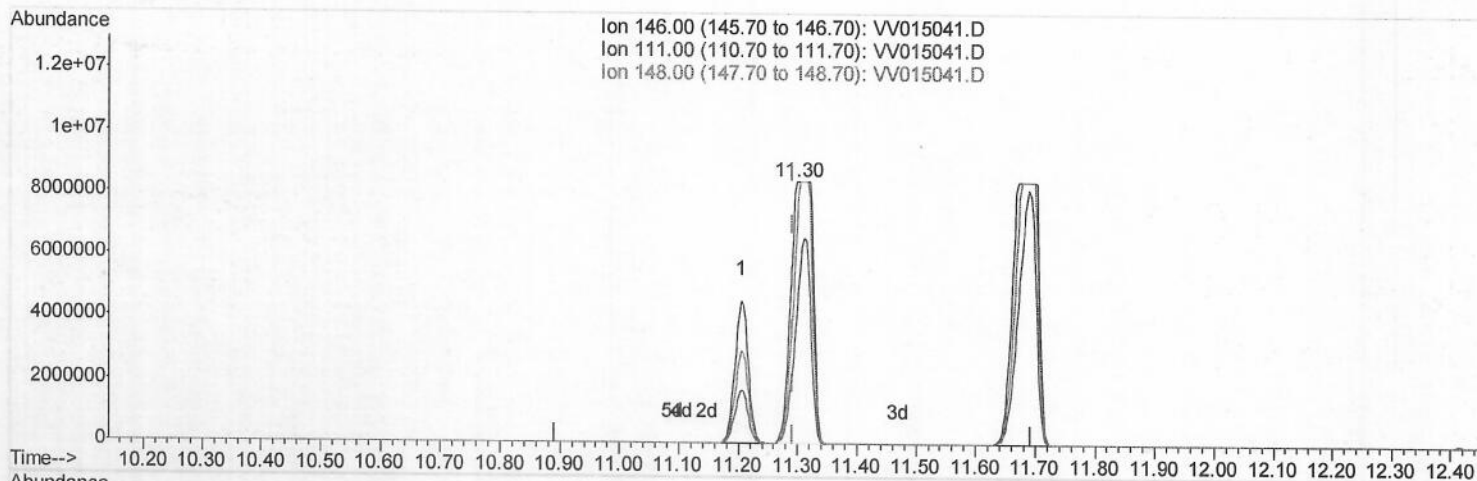
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Manual Integrations
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sam
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(63) 1,4-Dichlorobenzene (T)

11.299min (+0.006) 3158.80ug/L m >

response 21741314

Ion	Exp%	Act%
146.00	100	100
111.00	36.90	49.42#
148.00	65.30	81.09
0.00	0.00	0.00

MD
03/30/2020

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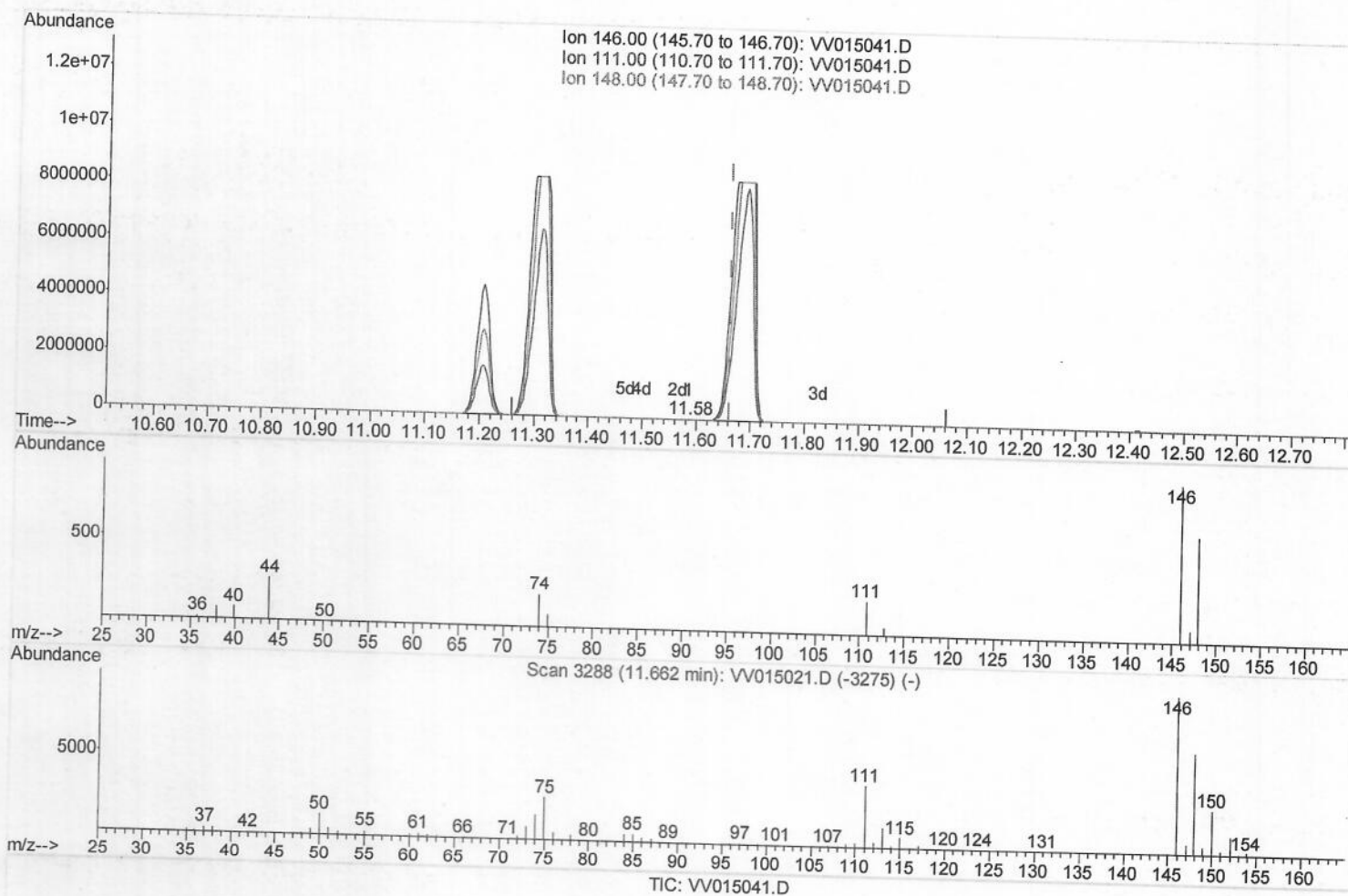
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ClientSampleId :
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Manual Integrations
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(65) 1,2-Dichlorobenzene (T)

11.585min (-0.077) 0.01ug/L

response 82

Ion	Exp%	Act%
146.00	100	100
111.00	39.40	30.99#
148.00	64.60	71.95
0.00	0.00	0.00

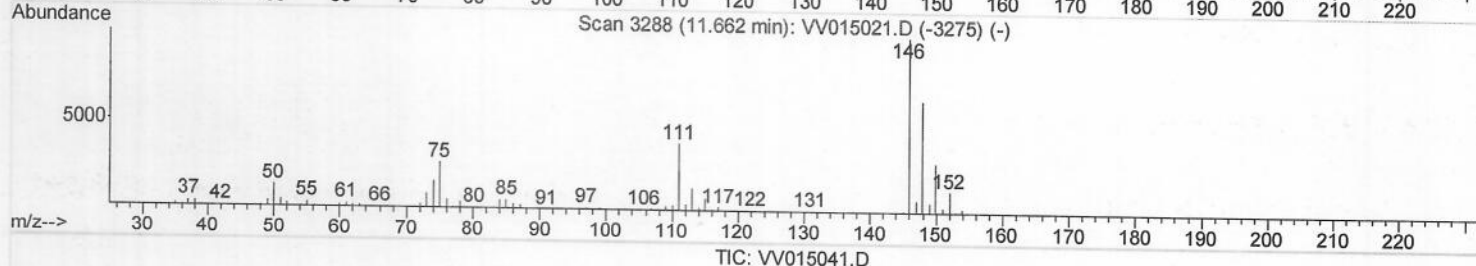
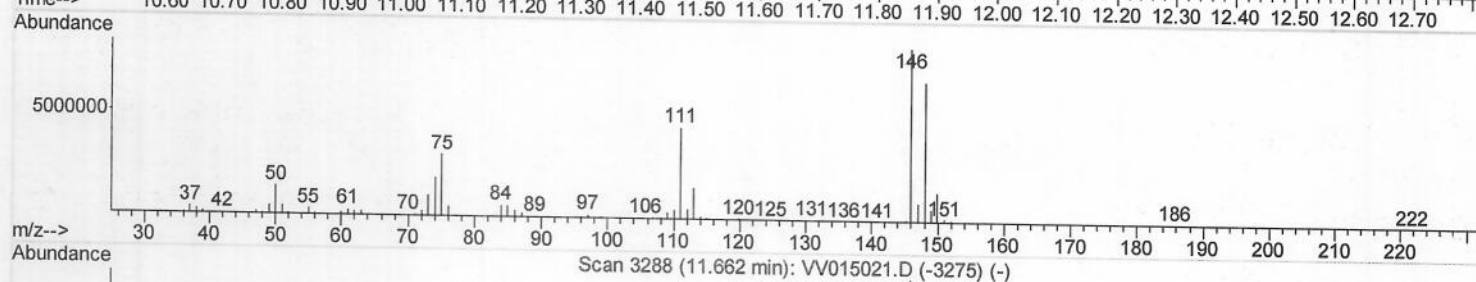
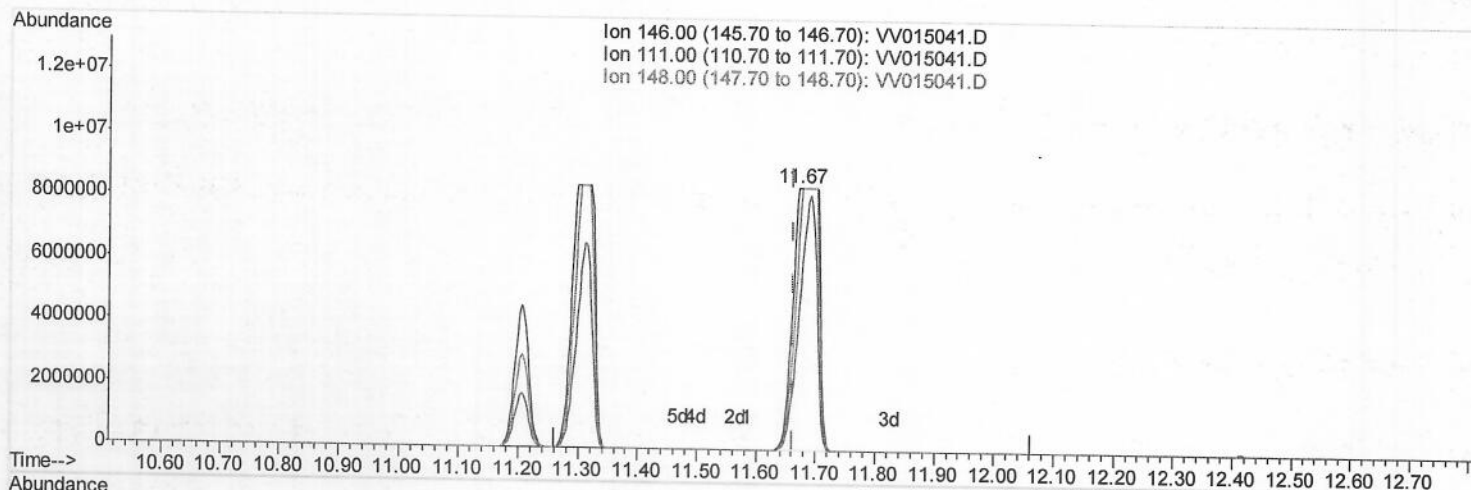
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(65) 1,2-Dichlorobenzene (T)

11.672min (+0.010) 3639.37ug/L m > MD

response 25560163

Ion	Exp%	Act%
146.00	100	100
111.00	39.40	52.82#
148.00	64.60	81.10#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357398	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	363195	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	219674	50.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111076	66.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	133.04%		
7) Chloroethane-d5	1.58	69	67552	51.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.18%		
11) 1,1-Dichloroethene-d2	2.12	63	106260	37.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.46%		
21) 2-Butanone-d5	3.93	46	105231	92.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.95%		
24) Chloroform-d	4.38	84	203411	47.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.16%		
26) 1,2-Dichloroethane-d4	5.06	65	134148	49.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.70%		
32) Benzene-d6	5.08	84	427784	49.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.26%		
36) 1,2-Dichloropropane-d6	6.09	67	121250	48.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.16%		
41) Toluene-d8	7.34	98	420317	48.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.90%		
43) trans-1,3-Dichloropropene-	7.64	79	63078	46.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.58%		
47) 2-Hexanone-d5	8.12	63	109121	93.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.91%		
57) 1,1,2,2-Tetrachloroethane-	10.23	84	174908	46.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.20%		
64) 1,2-Dichlorobenzene-d4	11.66	152	217913	49.41	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.82%		

Target Compounds

						Qvalue
25) Chloroform	4.41	83	53045	12.644	ug/L	99
29) Cyclohexane	4.71	56	4349	1.334	ug/L #	89
31) Carbon tetrachloride	4.86	117	44205	12.554	ug/L	99
33) Benzene	5.13	78	14195427	1596.652	ug/L	100
35) Methylcyclohexane	6.16	83	3928m	1.028	ug/L	
46) Tetrachloroethene	8.00	164	1941	0.849	ug/L	84
51) Chlorobenzene	8.90	112	20897195m	2957.163	ug/L	
62) 1,3-Dichlorobenzene	11.21	146	7273053	1099.941	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	21741314m	3158.801	ug/L	
65) 1,2-Dichlorobenzene	11.67	146	25560163m	3639.374	ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	5155	0.985	ug/L	89
68) 1,2,4-trichlorobenzene	13.29	180	8968821	1861.572	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	3535022	746.843	ug/L	98

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

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