

Quantitation Report (Qedit)

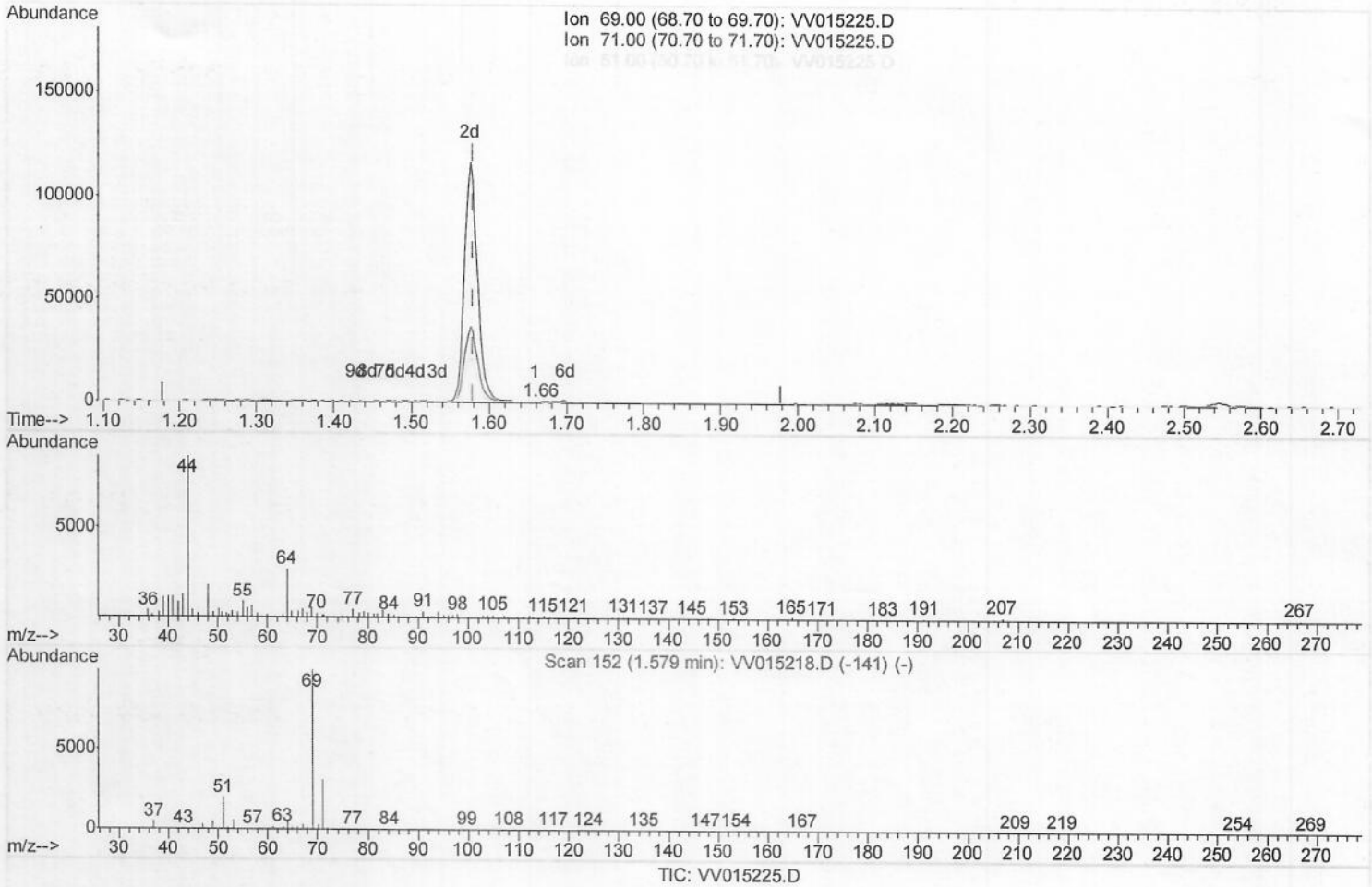
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015225.D
 Acq On : 28 Mar 2020 05:09
 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :
 C0EK0

Manual Integrations
 APPROVED

apatel
 3/31/2020 9:23:03 AM

Quant Time: Mar 28 07:00:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration



(7) Chloroethane-d5 (S)

1.659min (+0.080) 0.07ug/L

response 218

Ion	Exp%	Act%
69.00	100	100
71.00	32.80	40.83
51.00	29.70	24.77
0.00	0.00	0.00

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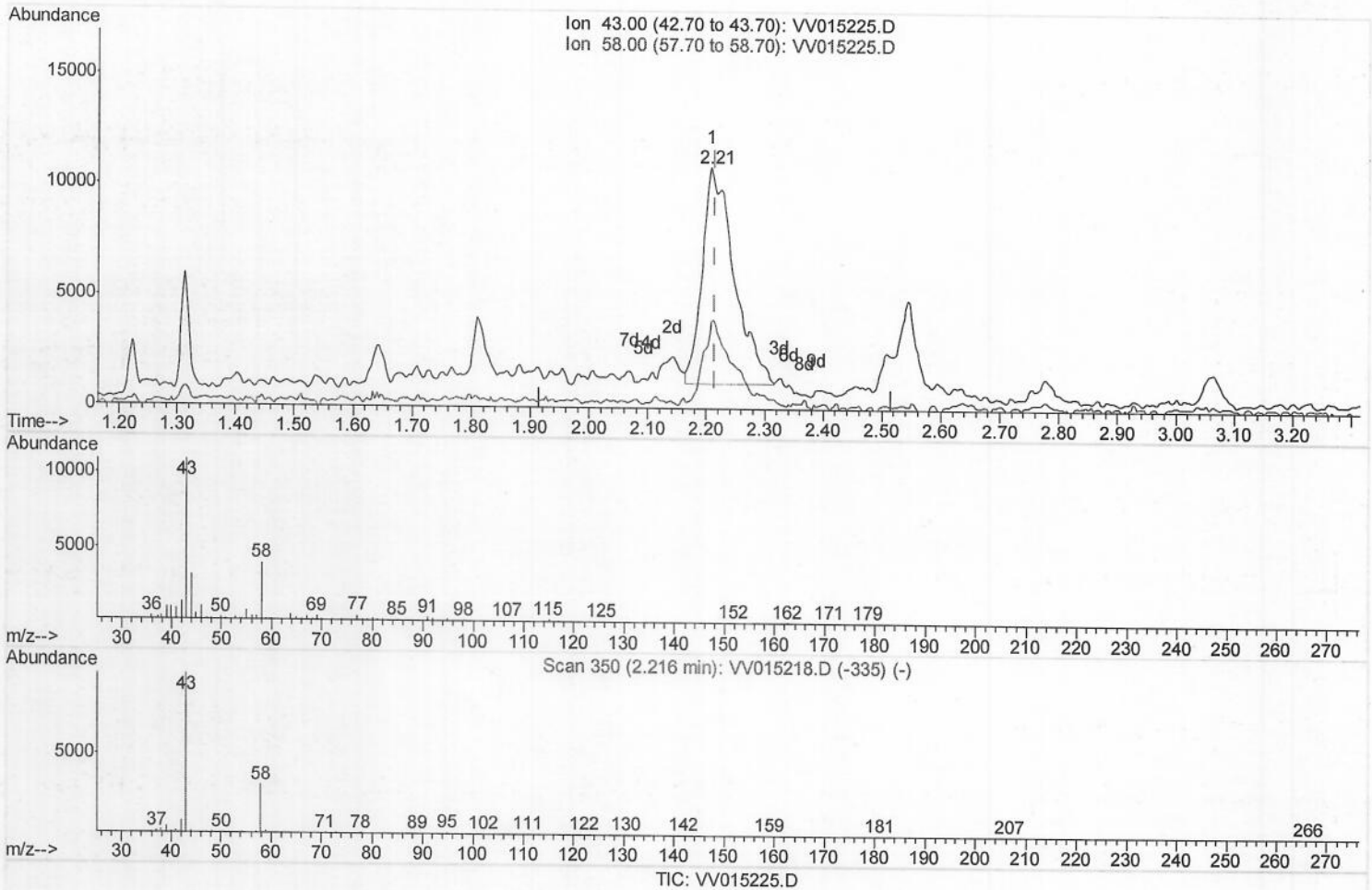
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(13) Acetone (T)

2.209min (-0.007) 19.65ug/L m

response 37260

Ion	Exp%	Act%
43.00	100	100
58.00	0.00	31.69#
0.00	0.00	0.00
0.00	0.00	0.00

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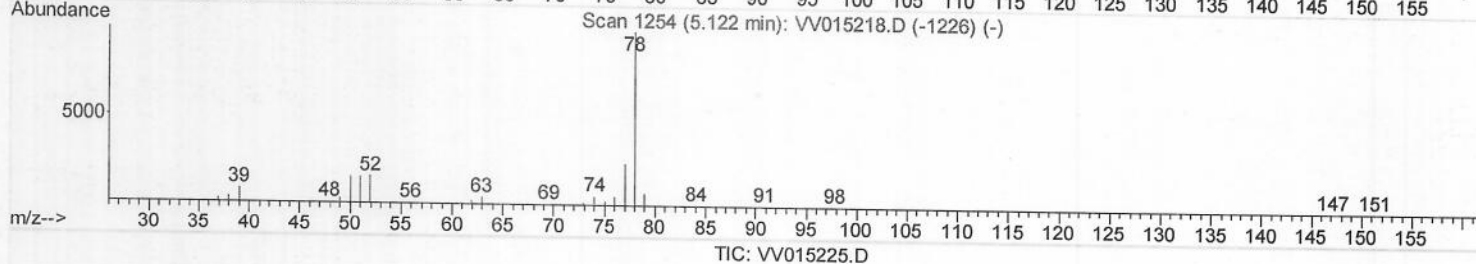
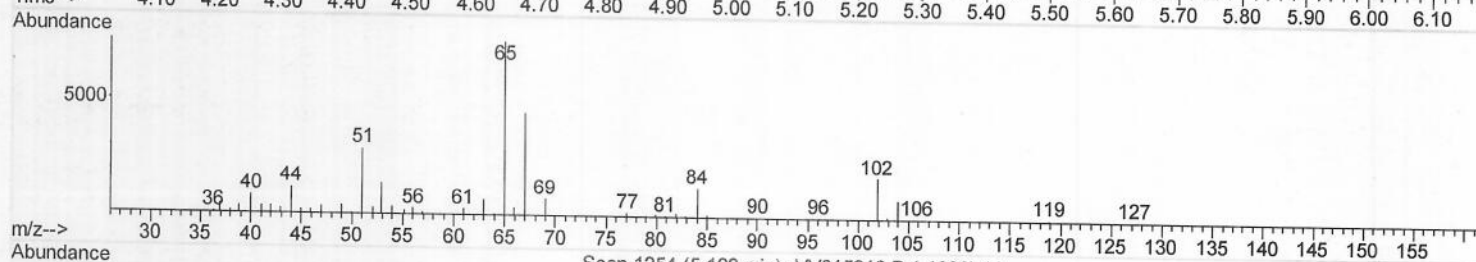
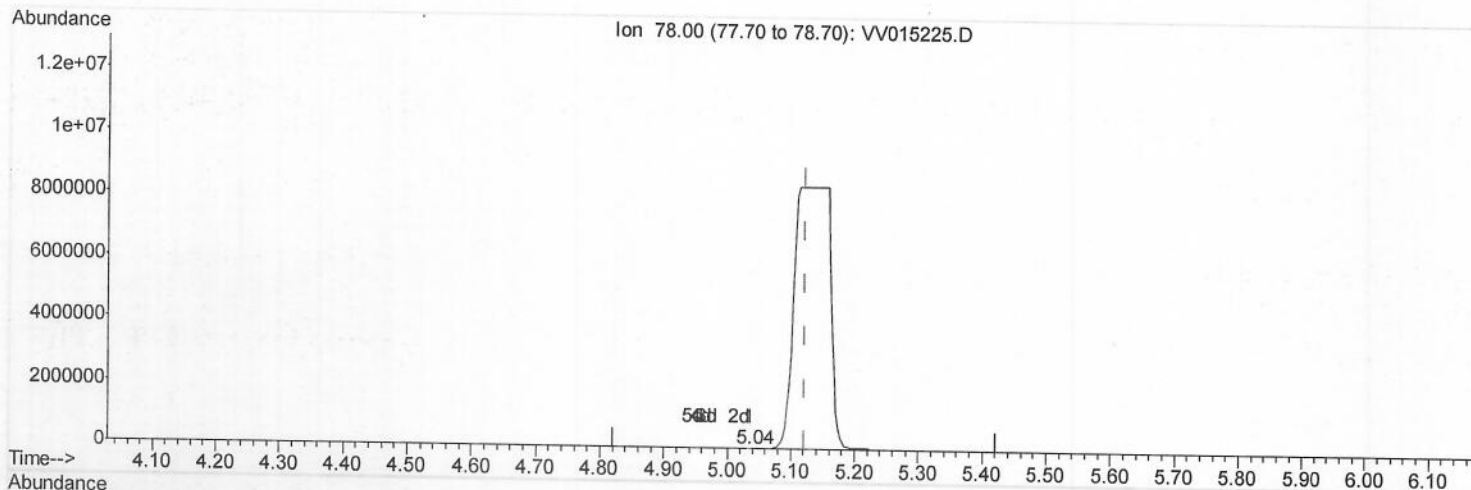
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
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TIC: VV015225.D

(33) Benzene (T)

5.035min (-0.087) 0.00ug/L

response 67

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

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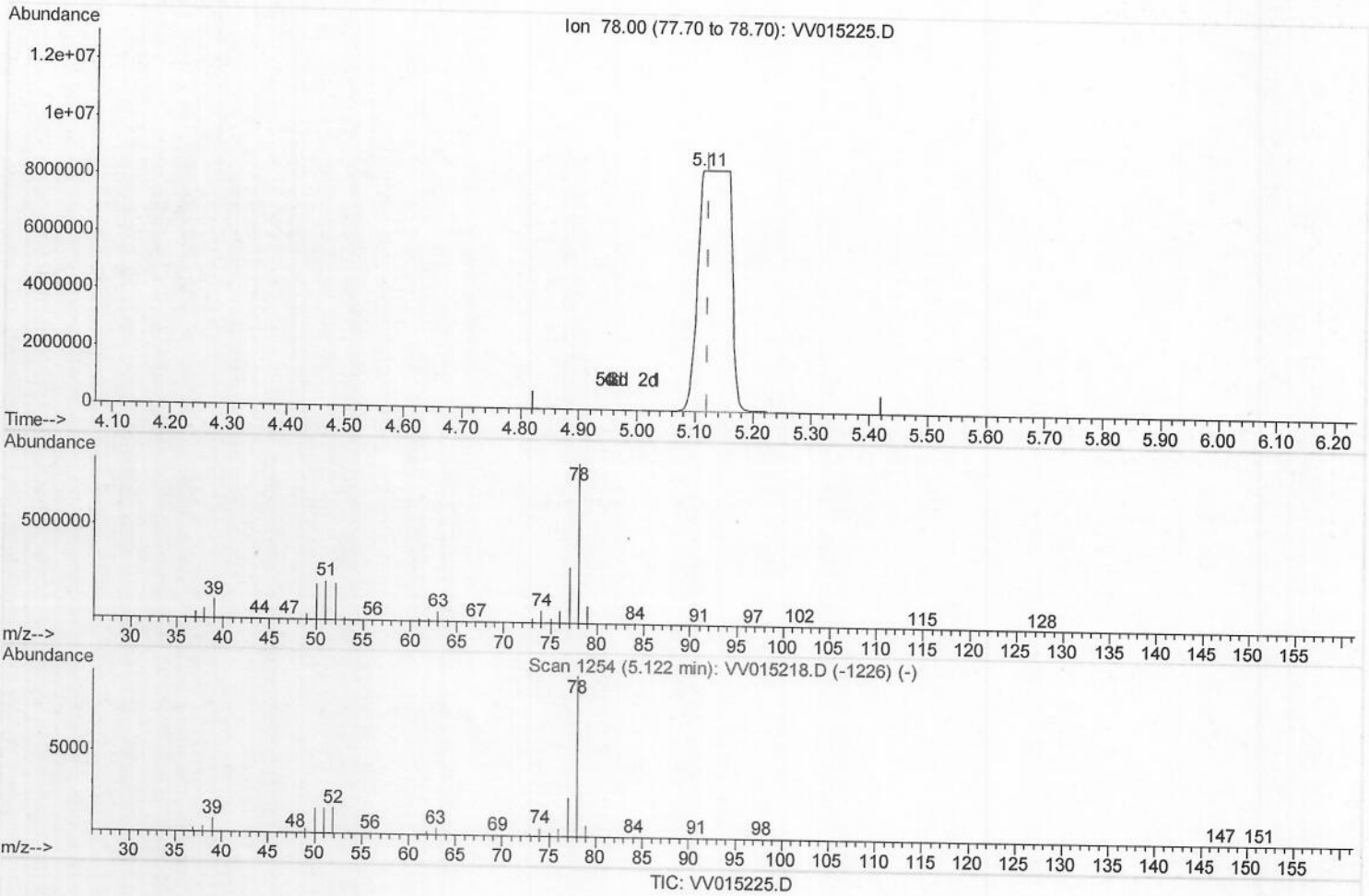
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(33) Benzene (T)

5.113min (-0.010) 1272.48ug/L m

response 32447466

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

SY
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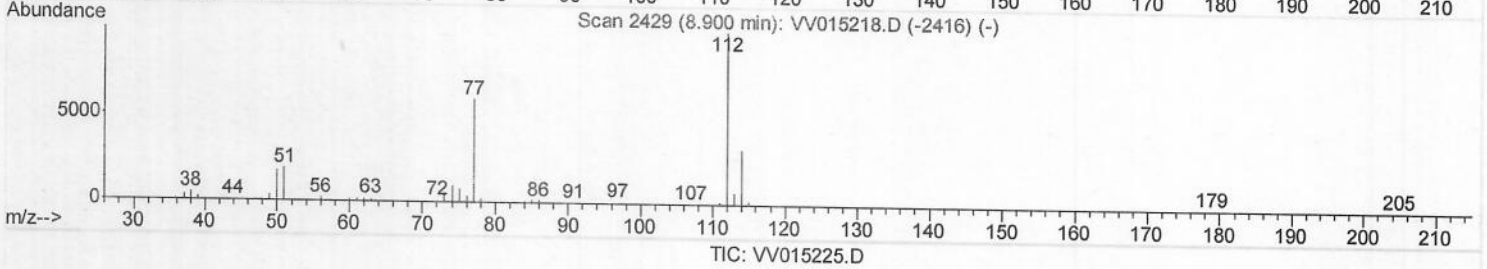
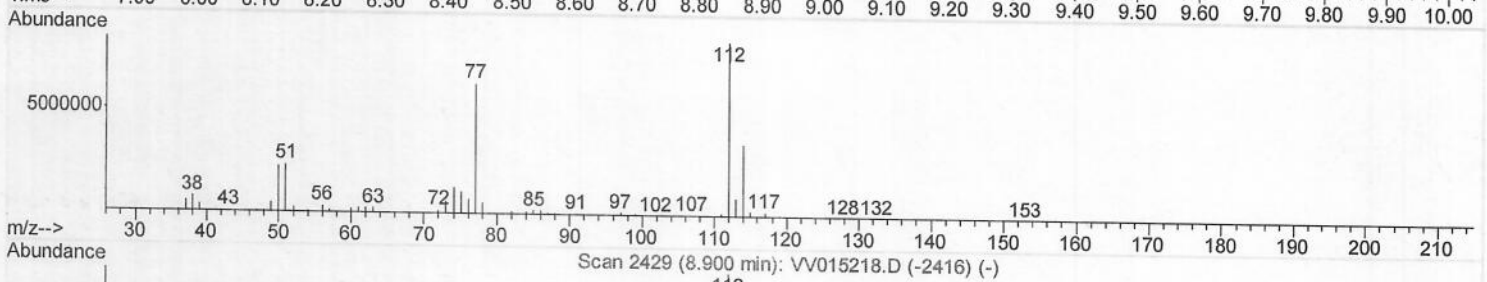
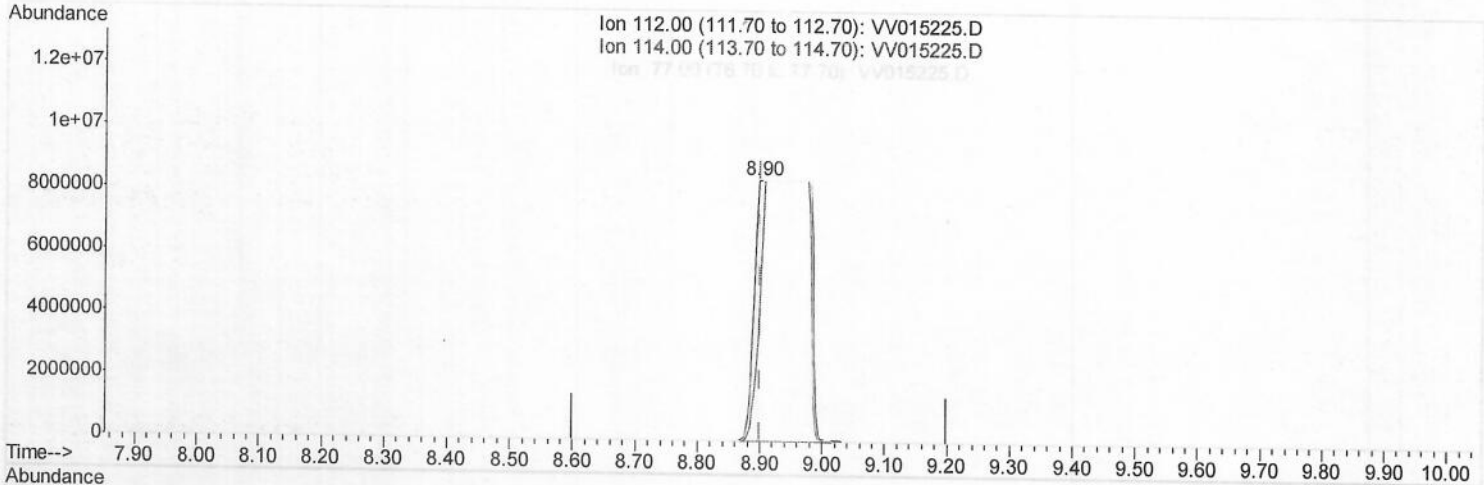
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(51) Chlorobenzene (T)

8.897min (-0.003) 2676.52ug/L m →

response 49117535

Ion	Exp%	Act%
112.00	100	100
114.00	31.90	41.65#
77.00	60.20	74.72#
0.00	0.00	0.00

SX
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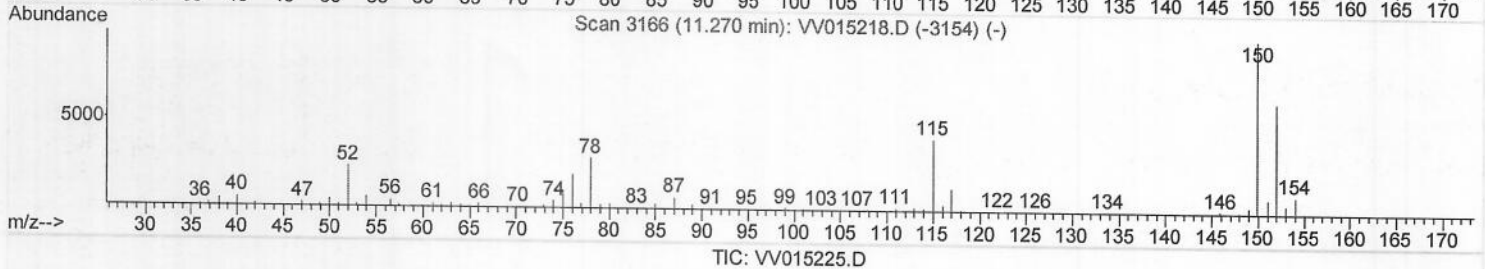
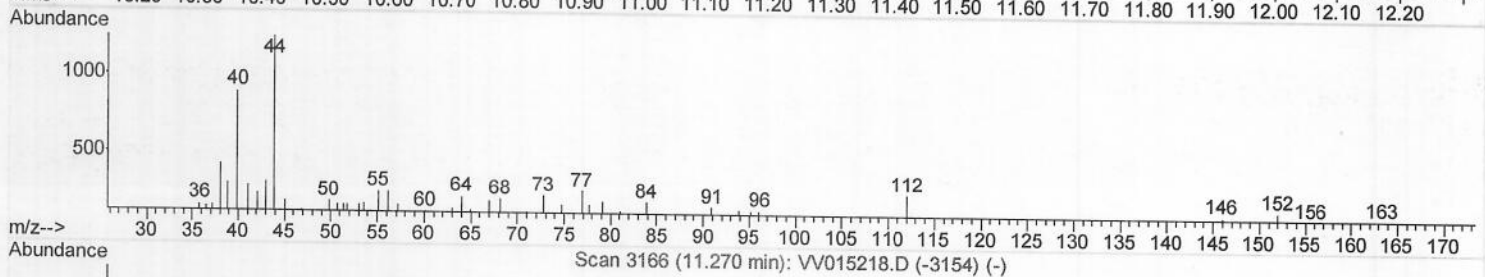
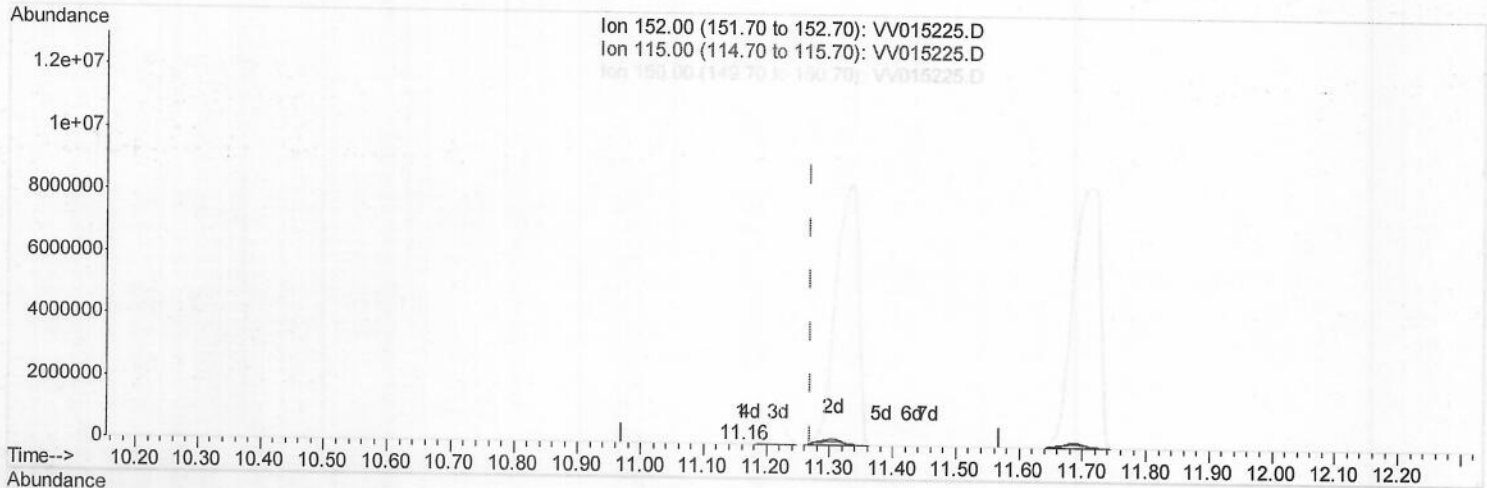
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(60) 1,4-Dichlorobenzene-d4 (I)

11.161min (-0.110) 50.00ug/L

response 103

Ion	Exp%	Act%
152.00	100	100
115.00	65.40	21.36
150.00	171.10	83.50
0.00	0.00	0.00

Quantitation Report (Qedit)

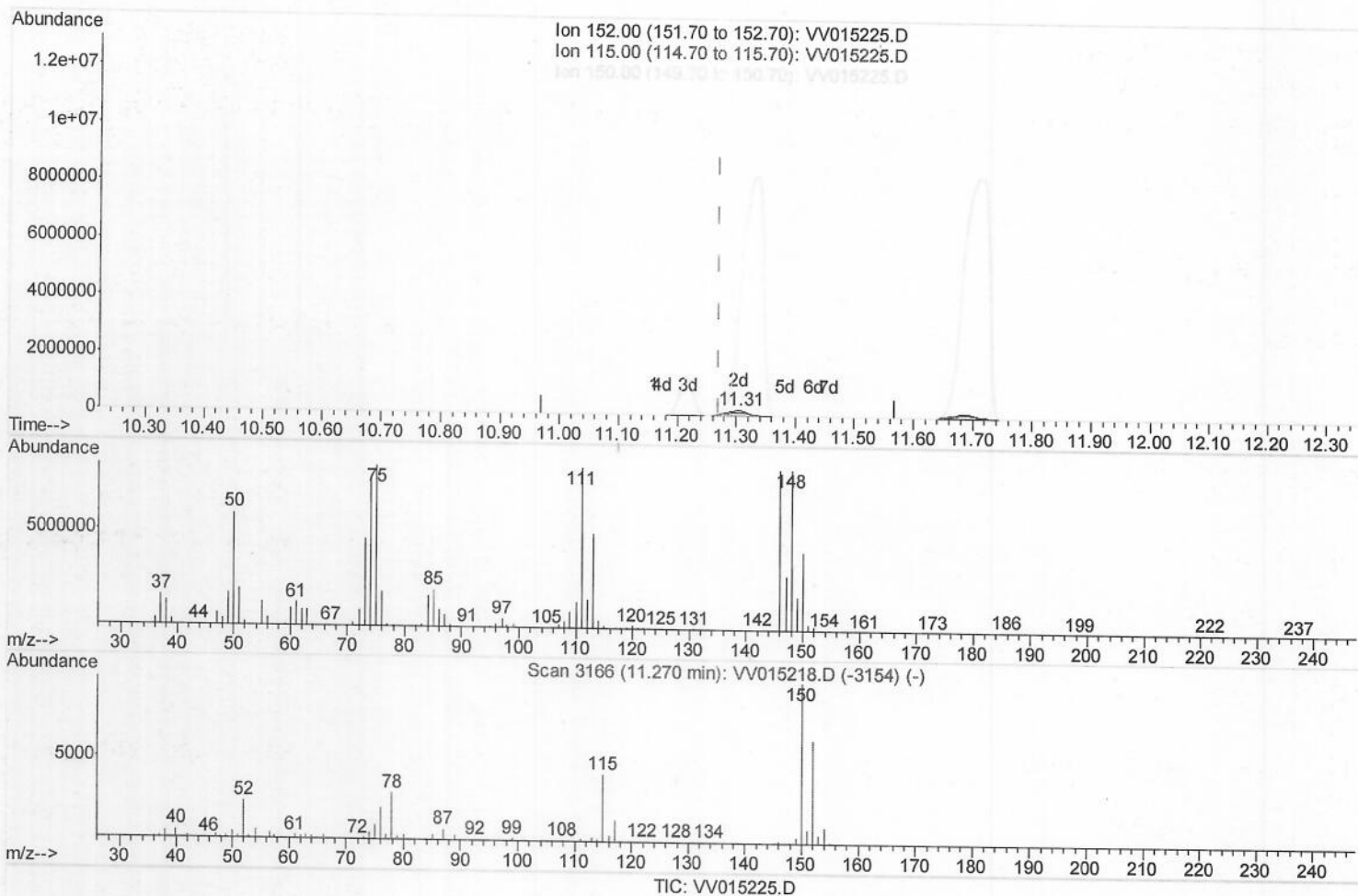
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 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(60) 1,4-Dichlorobenzene-d4 (I)

11.305min (+0.035) 50.00ug/L m

response 513255

Ion	Exp%	Act%
152.00	100	100
115.00	65.40	0.00
150.00	171.10	0.02
0.00	0.00	0.00

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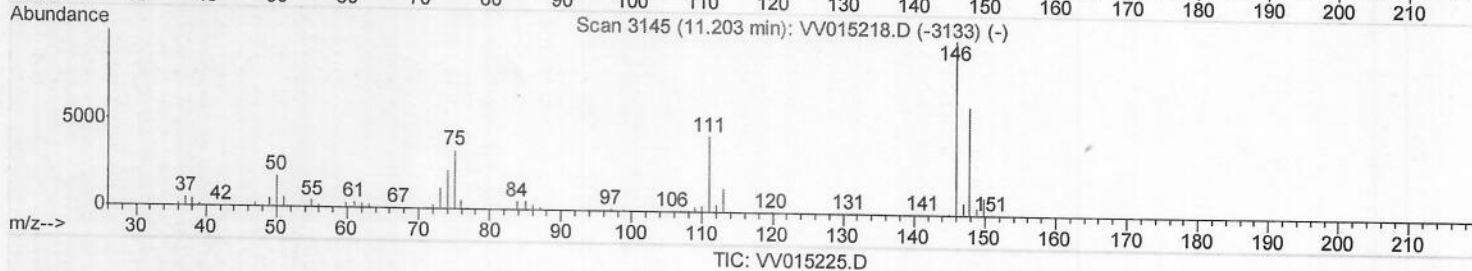
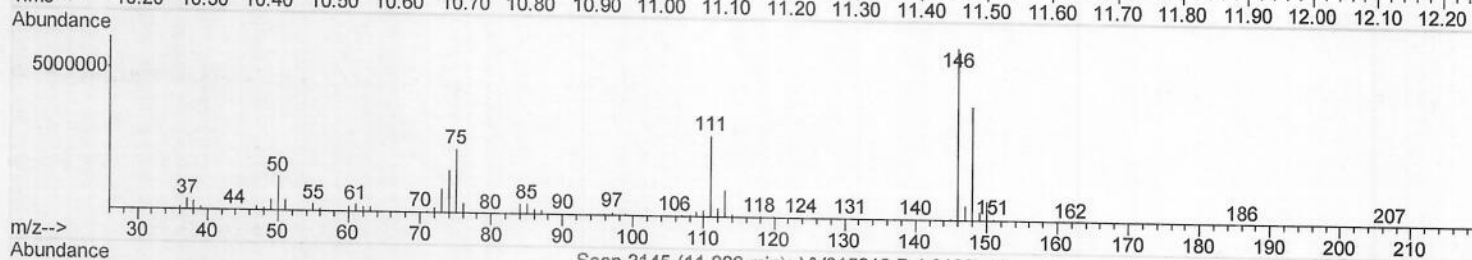
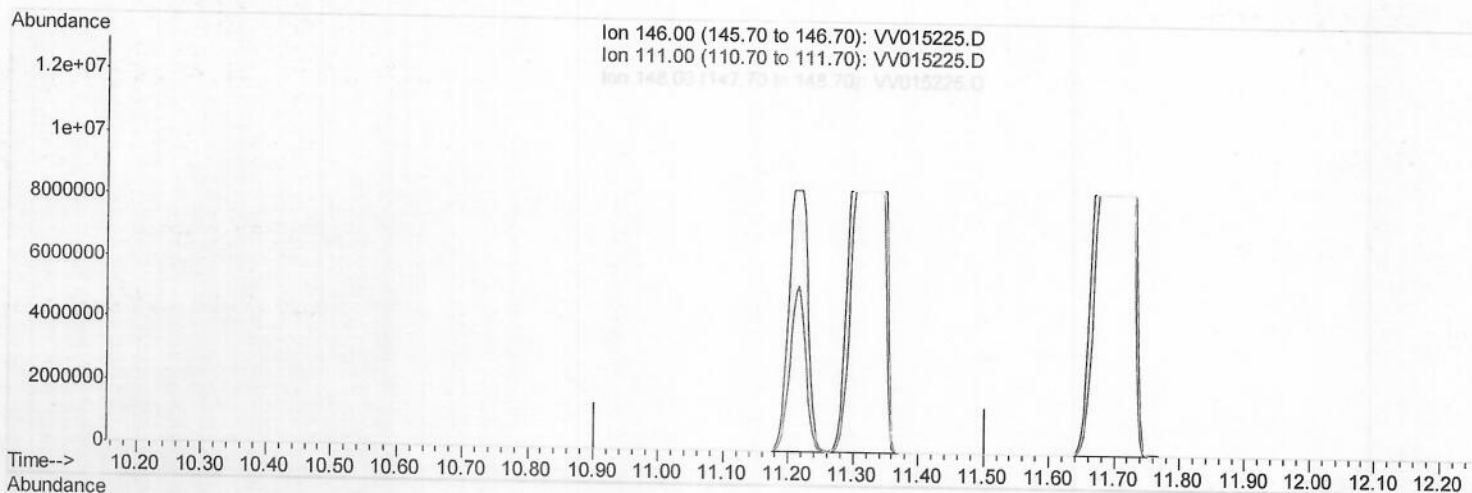
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(62) 1,3-Dichlorobenzene (T)

11.203min (-11.203) 0.00ug/L

response 0

Ion	Exp%	Act%
146.00	100	0.00
111.00	45.90	0.00#
148.00	62.80	0.00#
0.00	0.00	0.00

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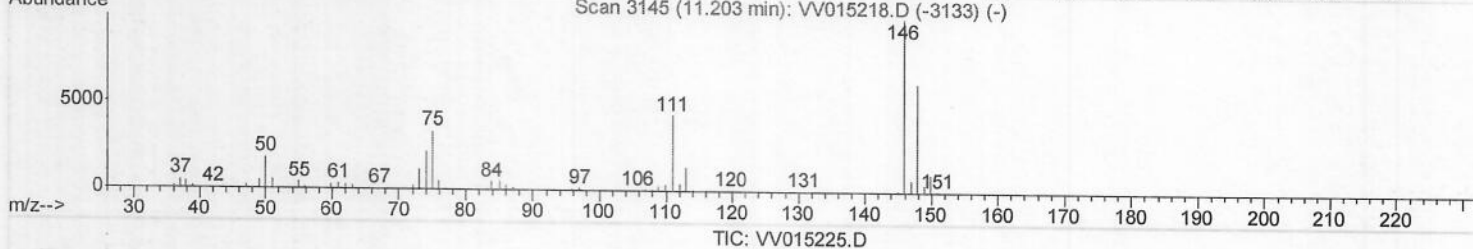
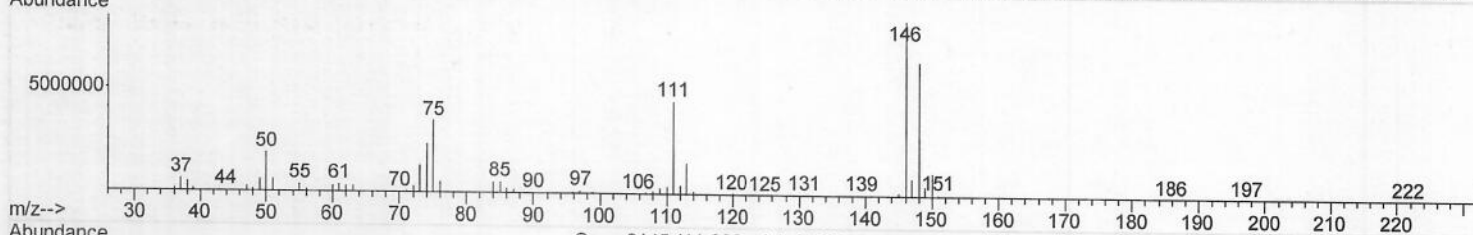
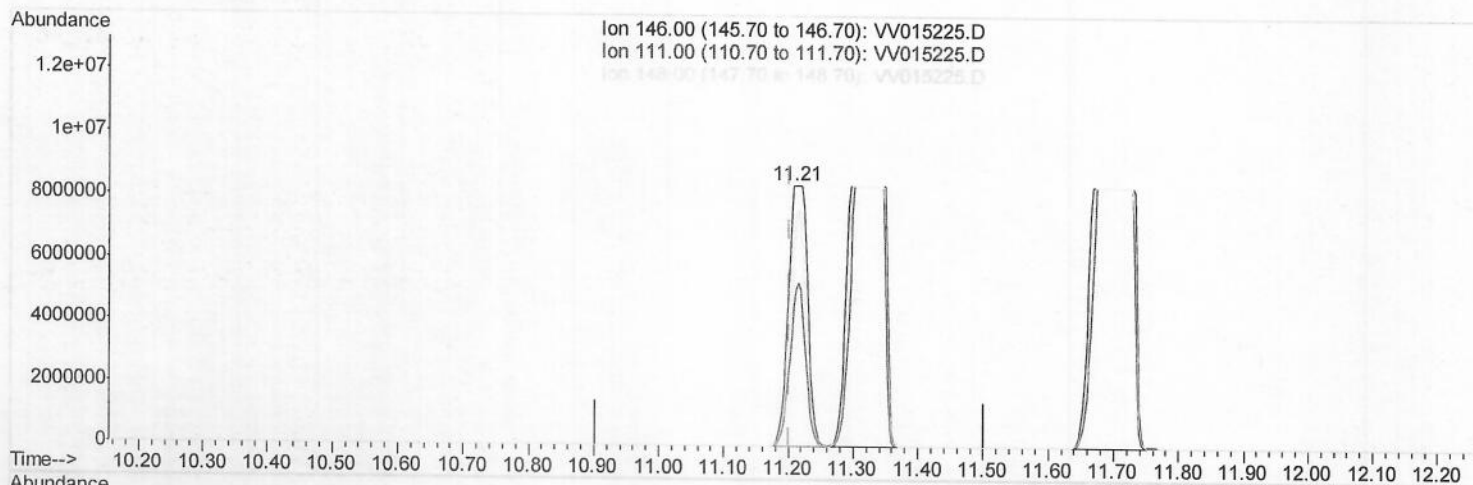
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 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(62) 1,3-Dichlorobenzene (T)

11.209min (+0.006) 1081.46ug/L m

response 17277954

Ion	Exp%	Act%
146.00	100	100
111.00	45.90	53.49
148.00	62.80	76.46
0.00	0.00	0.00

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Quantitation Report (Qedit)

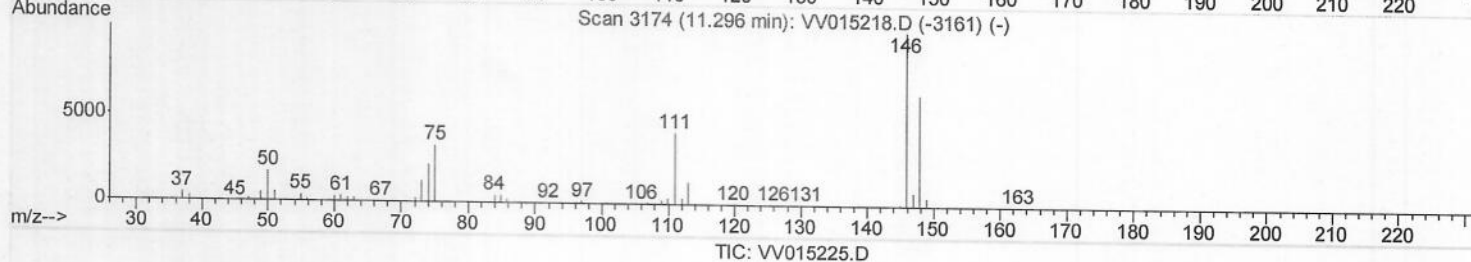
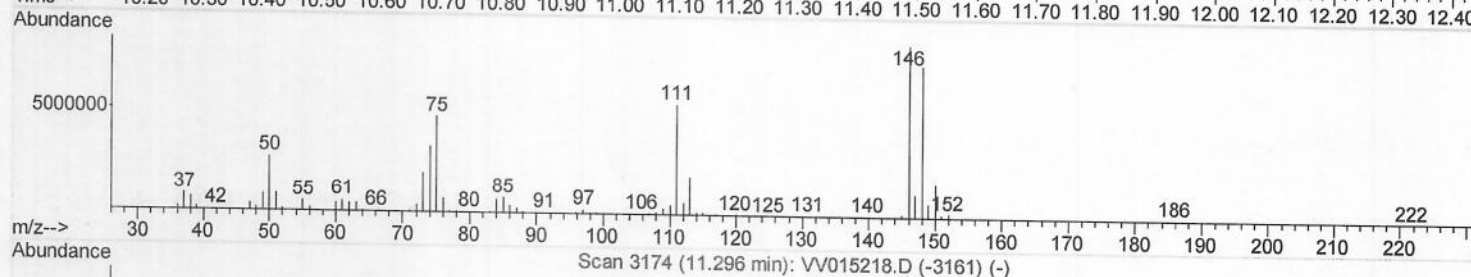
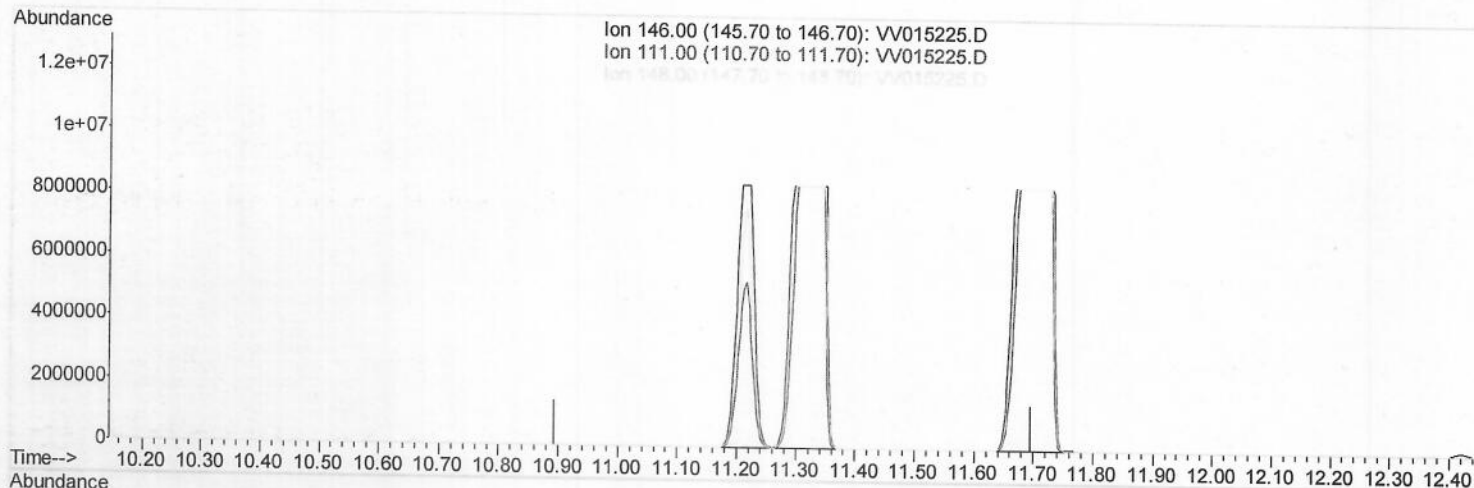
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 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(63) 1,4-Dichlorobenzene (T)

11.296min (-11.296) 0.00ug/L

response 0

Ion	Exp%	Act%
146.00	100	0.00
111.00	42.00	0.00#
148.00	62.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

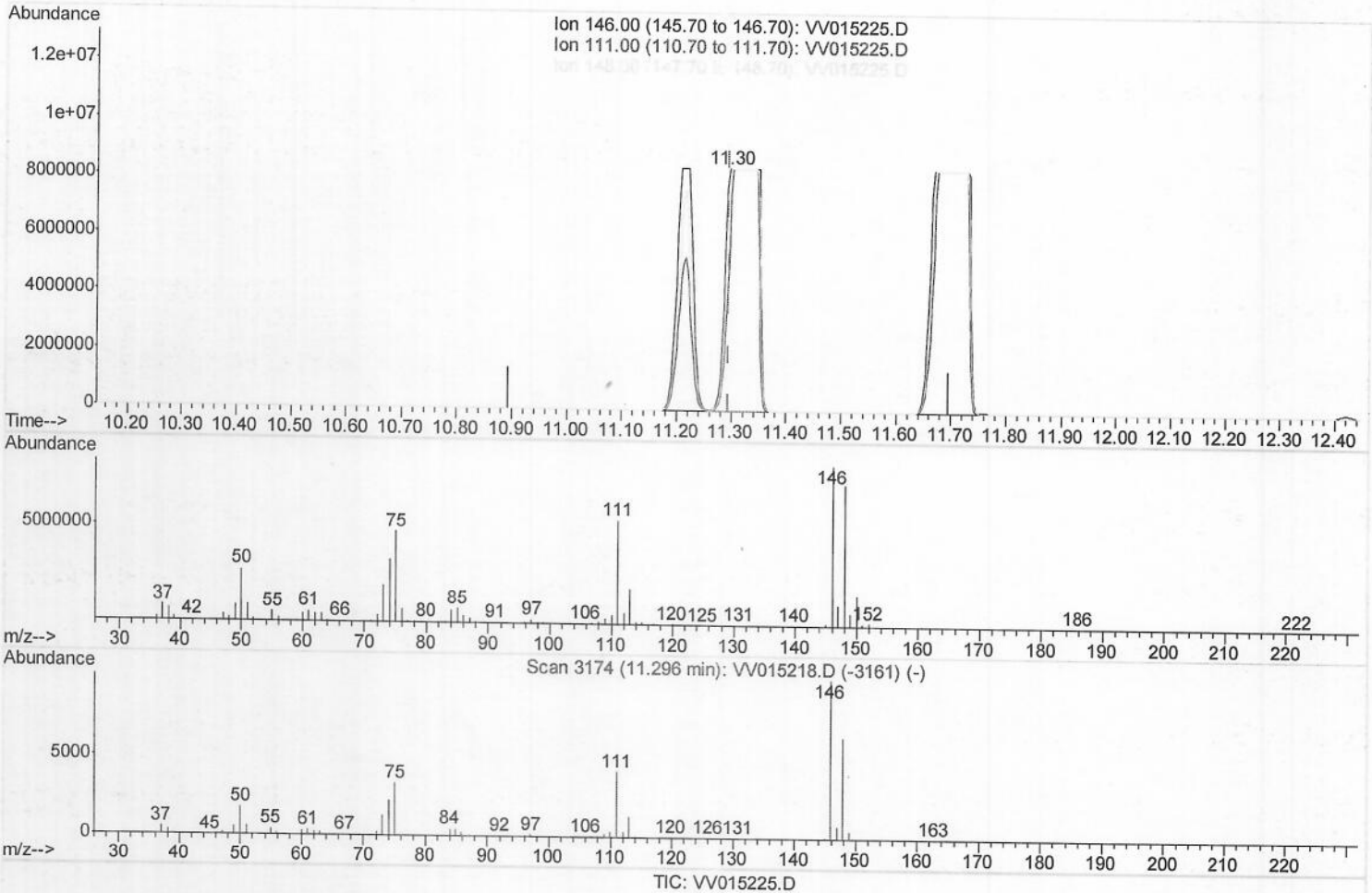
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 Data File : VV015225.D
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Instrument :
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(63) 1,4-Dichlorobenzene (T)

11.296min (-0.000) 2148.92ug/L m

response 34504385

Ion	Exp%	Act%
146.00	100	100
111.00	42.00	64.63#
148.00	62.30	88.45#
0.00	0.00	0.00

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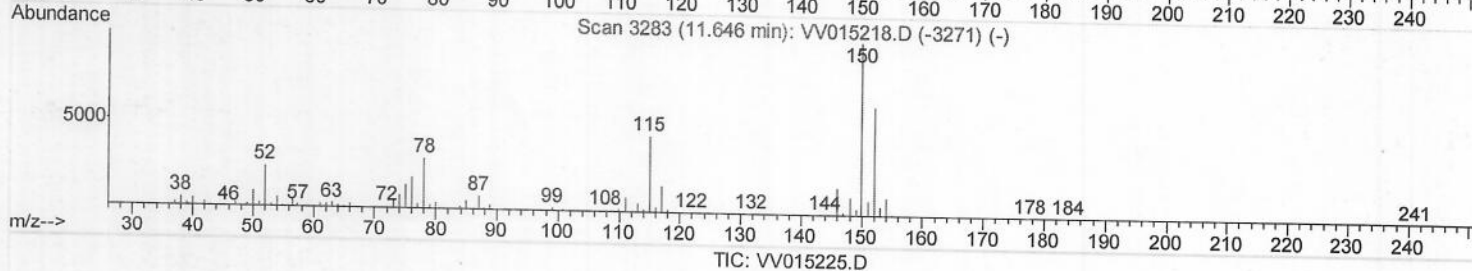
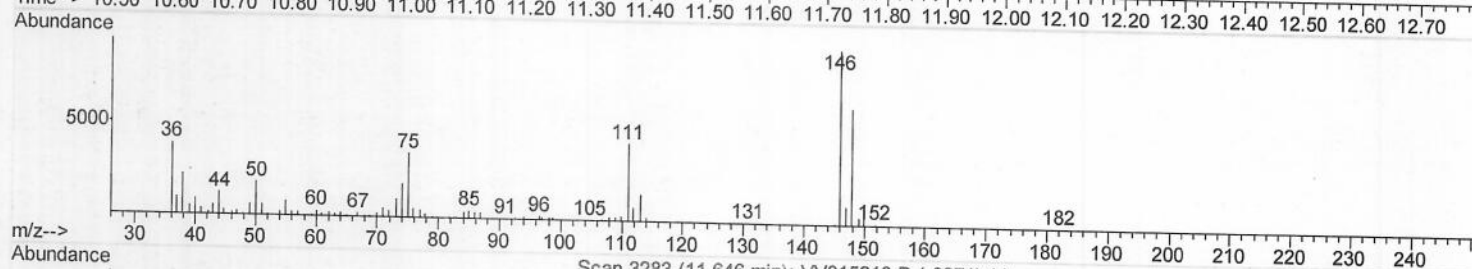
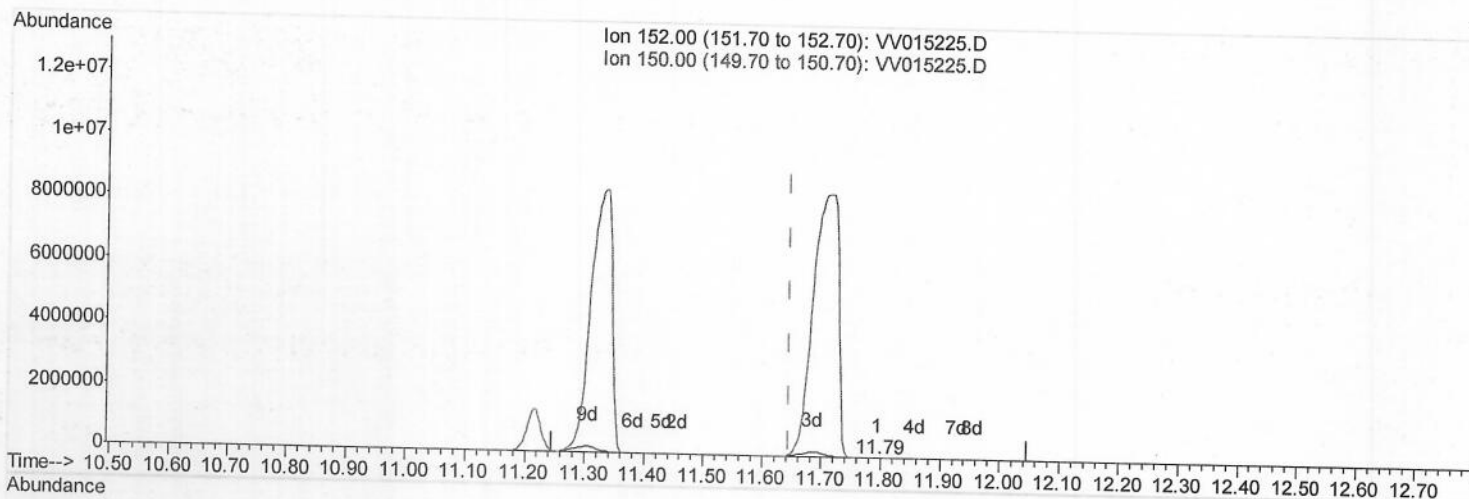
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(64) 1,2-Dichlorobenzene-d4 (S)

11.794min (+0.148) 0.01ug/L

response 92

Ion	Exp%	Act%
152.00	100	100
150.00	175.00	225.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

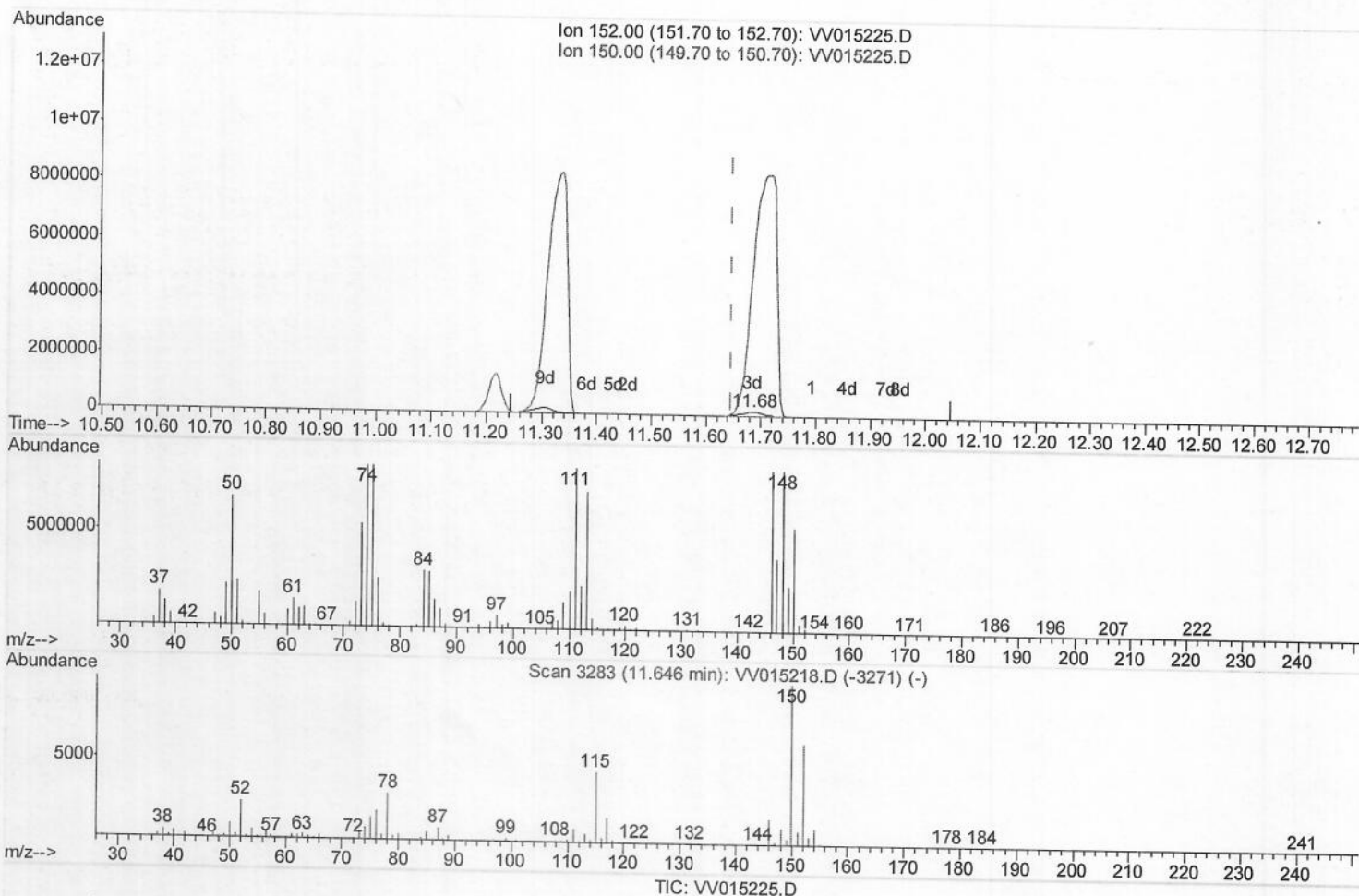
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(64) 1,2-Dichlorobenzene-d4 (S)

11.685min (+0.038) 47.28ug/L m

response 413925

Ion	Exp%	Act%
152.00	100	100
150.00	175.00	0.05#
0.00	0.00	0.00
0.00	0.00	0.00

SY
03/31/2020

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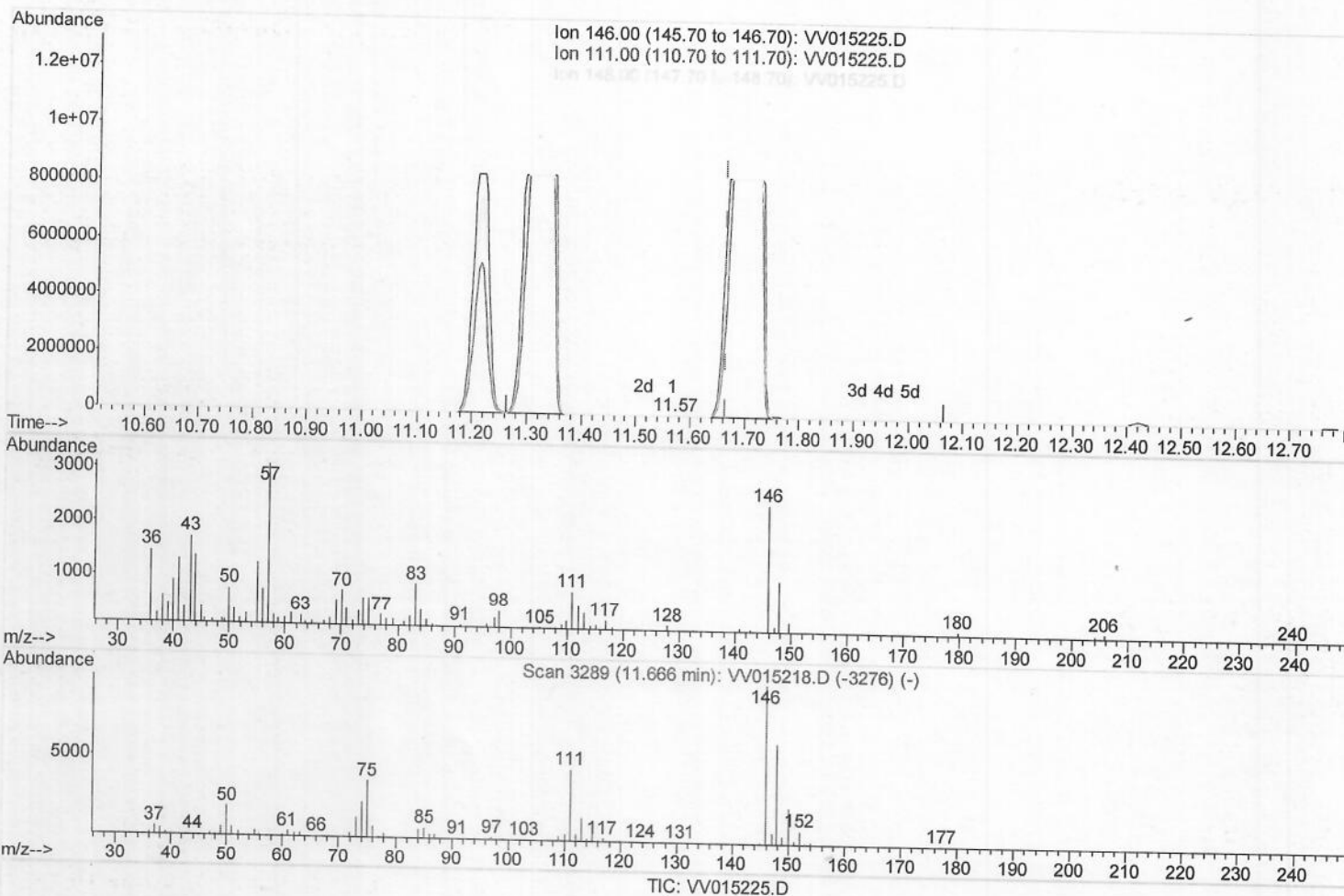
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(65) 1,2-Dichlorobenzene (T)

11.569min (-0.097) 0.02ug/L

response 257

Ion	Exp%	Act%
146.00	100	100
111.00	47.00	32.58#
148.00	63.30	43.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

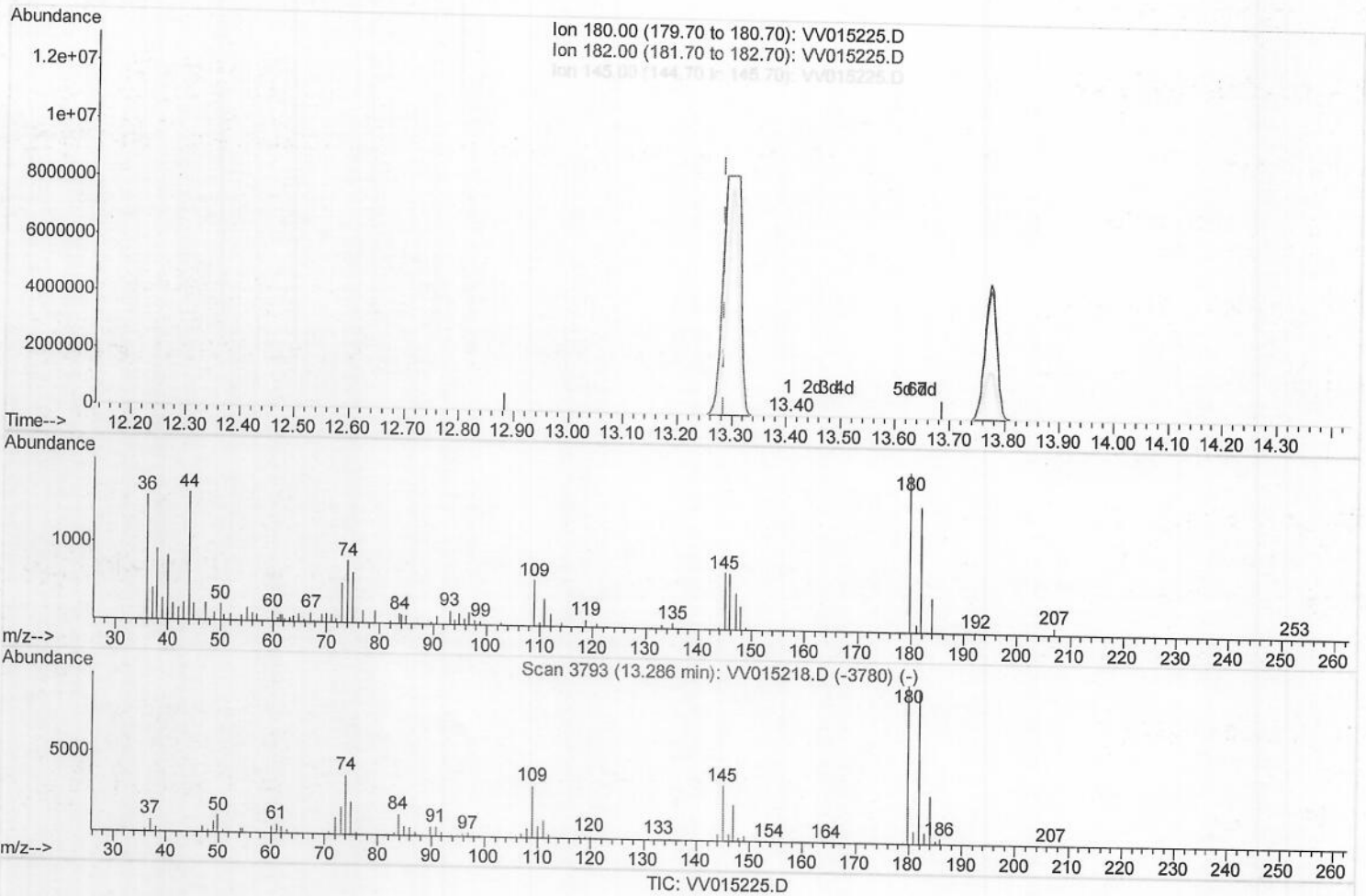
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(68) 1,2,4-trichlorobenzene (T)

13.405min (+0.119) 0.05ug/L

response 460

Ion	Exp%	Act%
180.00	100	100
182.00	94.40	0.00#
145.00	35.60	205.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

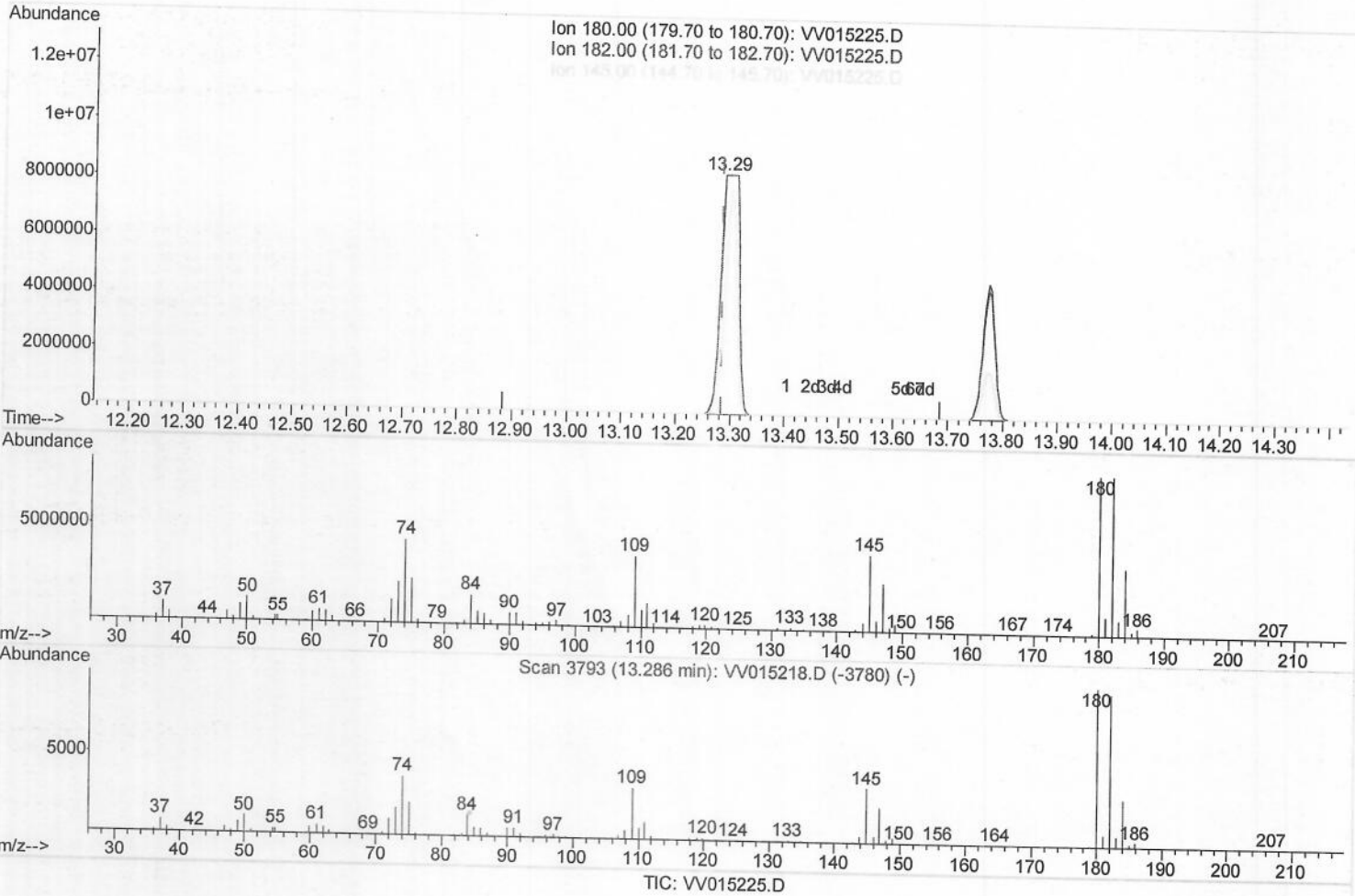
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(68) 1,2,4-trichlorobenzene (T)

13.289min (+0.003) 2074.90ug/L m

response 19571996

Ion Exp% Act%

180.00 100 100

182.00 94.40 0.00#

145.00 35.60 0.00#

0.00 0.00 0.00

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apatel
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 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	675770	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.92	117	909576	50.00	ug/L	0.04
60) 1,4-Dichlorobenzene-d4	11.31	152	513255m	50.00	ug/L	0.04

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	139194	50.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	101.52%		
7) Chloroethane-d5	1.58	69	137715m	46.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.72%		
11) 1,1-Dichloroethene-d2	2.12	63	227754	33.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.44%		
21) 2-Butanone-d5	3.94	46	210769	64.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	64.89%		
24) Chloroform-d	4.38	84	323065	45.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.34%		
26) 1,2-Dichloroethane-d4	5.06	65	186191	39.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.90%		
32) Benzene-d6	5.08	84	544020	33.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.94%#		
36) 1,2-Dichloropropane-d6	6.10	67	183124	30.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	61.06%#		
41) Toluene-d8	7.34	98	522758	37.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.08%#		
43) trans-1,3-Dichloropropene-	7.64	79	91141	28.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.86%#		
47) 2-Hexanone-d5	8.12	63	177769	51.34	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	51.34%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	303889	28.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	57.52%#		
64) 1,2-Dichlorobenzene-d4	11.68	152	413925m	47.28	ug/L	0.04
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.56%		

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Target Compounds

13) Acetone	2.21	43	37260m	19.650	ug/L	
25) Chloroform	4.40	83	959428	110.629	ug/L	98
29) Cyclohexane	4.70	56	47347	4.752	ug/L	98
31) Carbon tetrachloride	4.86	117	397689	43.461	ug/L	99
33) Benzene	5.11	78	32447466m	1272.479	ug/L	
34) Trichloroethene	5.95	95	6186	0.906	ug/L	84
35) Methylcyclohexane	6.15	83	19041	1.825	ug/L #	70
38) Bromodichloromethane	6.54	83	10341	1.100	ug/L	94
42) Toluene	7.41	91	27144	0.963	ug/L	97
46) Tetrachloroethene	8.00	164	6851	1.550	ug/L	97
51) Chlorobenzene	8.90	112	49117535m	2676.520	ug/L	
62) 1,3-Dichlorobenzene	11.21	146	17277954m	1081.455	ug/L	
63) 1,4-Dichlorobenzene	11.30	146	34504385m	2148.924	ug/L	
65) 1,2-Dichlorobenzene	11.67	146	39078523m	2385.895	ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	21291	2.099	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	19571996m	2074.895	ug/L	
70) 1,2,3-Trichlorobenzene	13.77	180	7233367	747.812	ug/L	99

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 03/31/2020

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015225.D
 Acq On : 28 Mar 2020 05:09
 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK0

Quant Time: Mar 28 07:27:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 3/31/2020 9:23:03 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

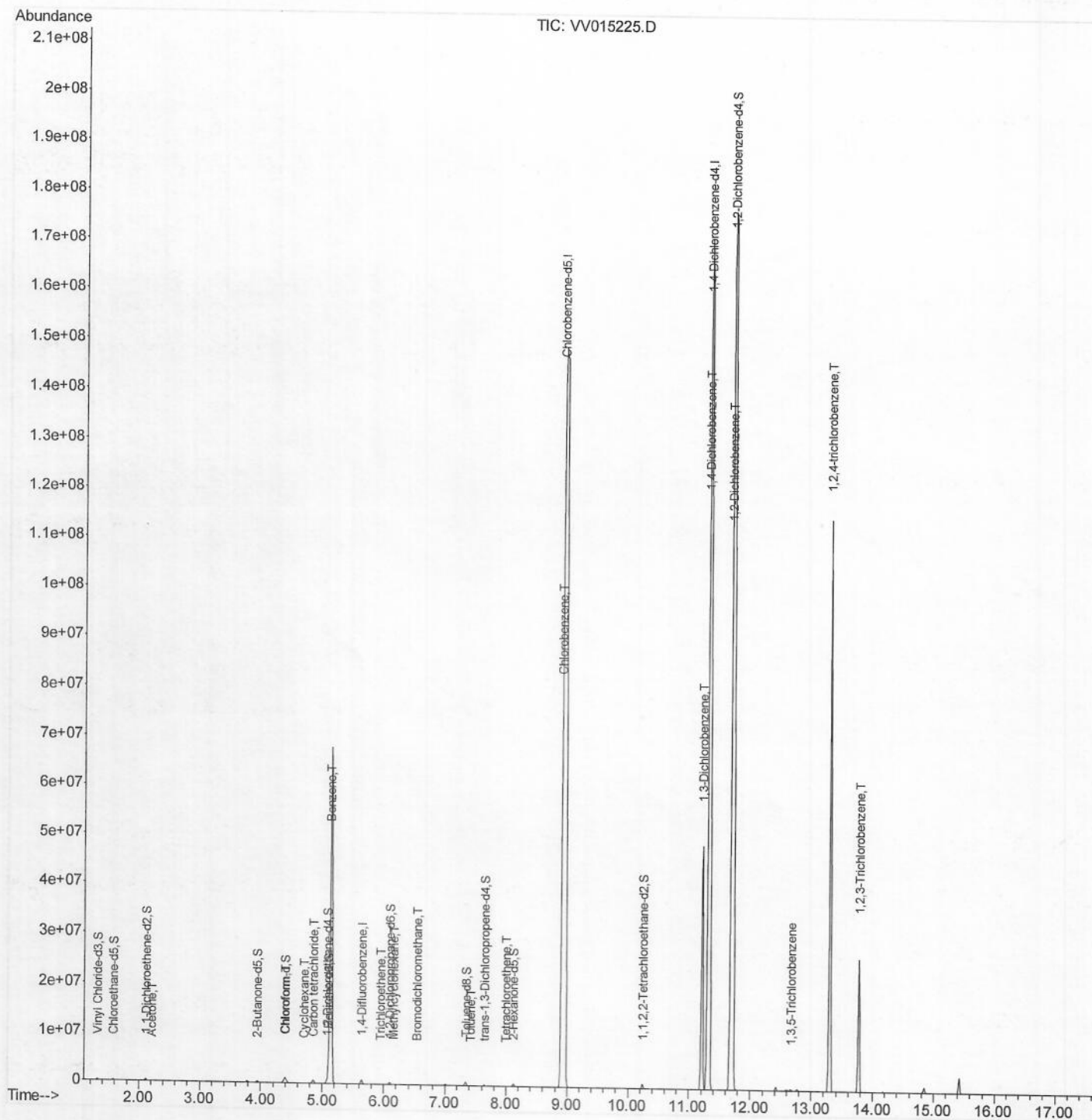
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 Data File : VV015225.D
 Acq On : 28 Mar 2020 05:09
 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 28 07:27:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Manual Integrations
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apatel
 3/31/2020 9:23:03 AM



Quantitation Report (Qedit)

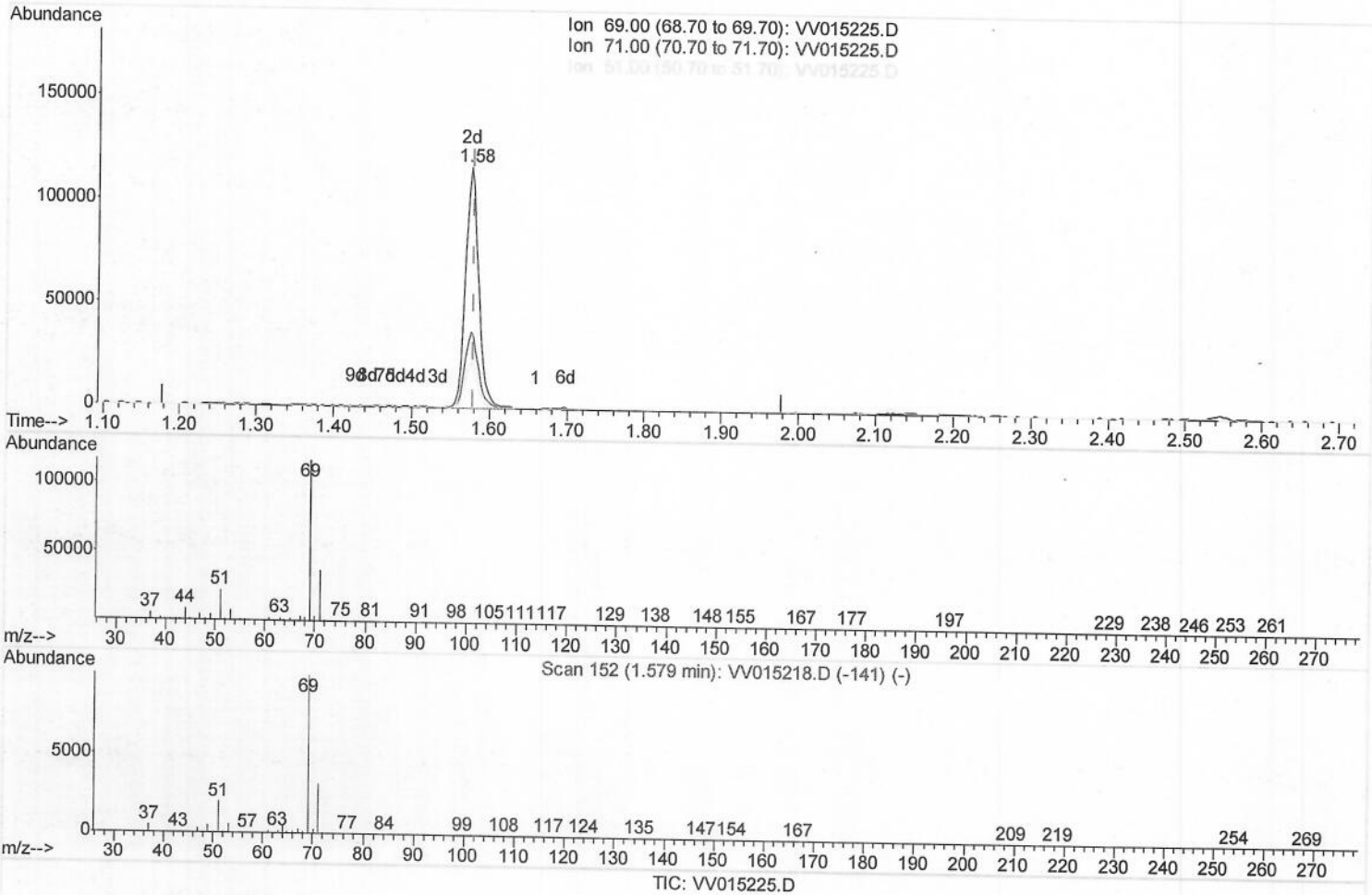
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015225.D
 Acq On : 28 Mar 2020 05:09
 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER
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Manual Integrations
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 3/31/2020 9:23:03 AM

Quant Time: Mar 28 07:00:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration



(7) Chloroethane-d5 (S)

1.576min (-0.003) 46.86ug/L m

response 137715

Ion	Exp%	Act%
69.00	100	100
71.00	32.80	0.06#
51.00	29.70	0.04#
0.00	0.00	0.00

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 03/31/2020

Quantitation Report (Qedit)

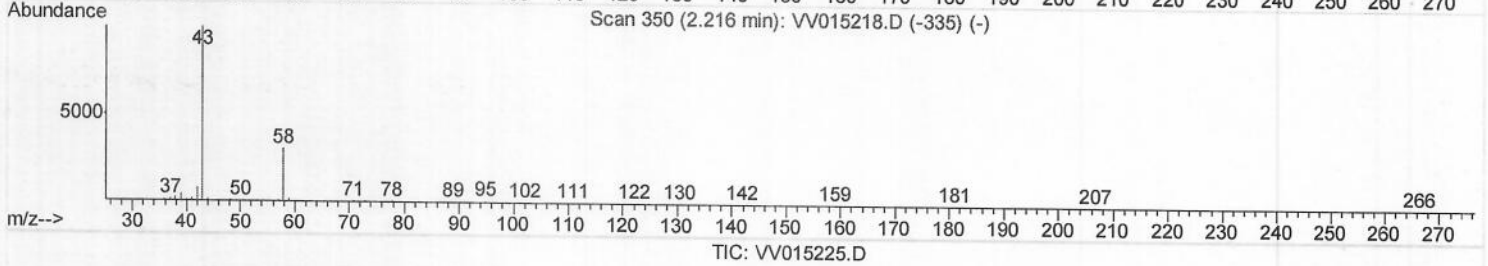
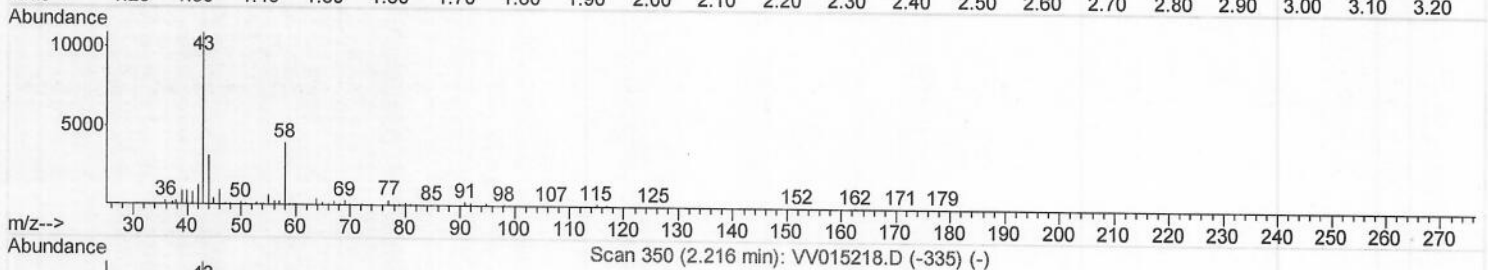
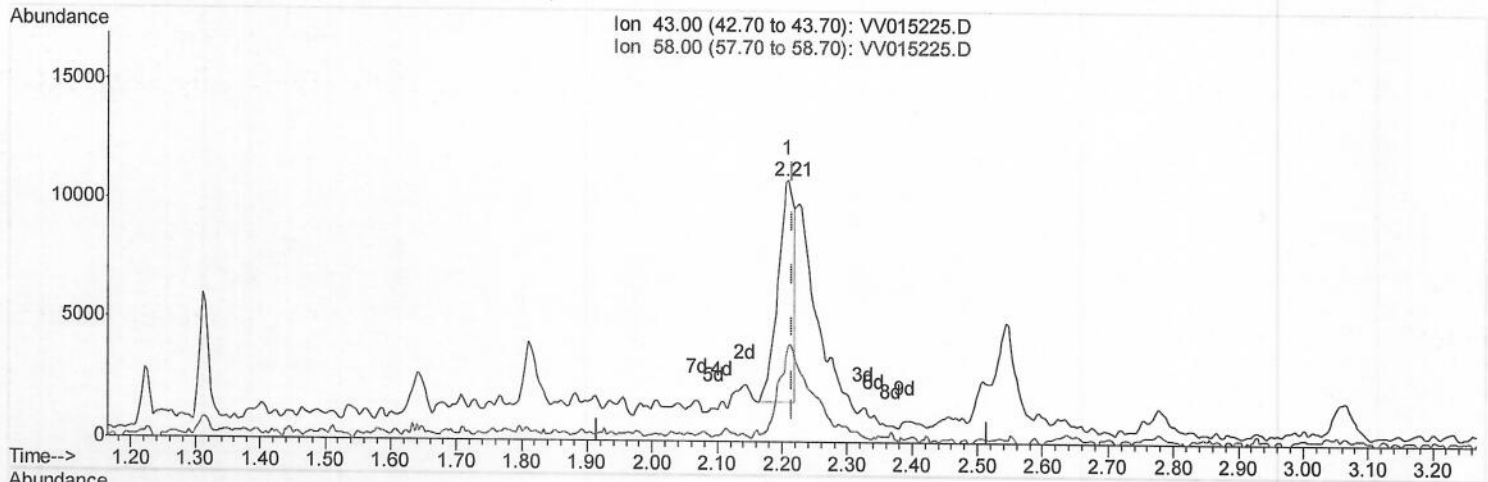
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015225.D
 Acq On : 28 Mar 2020 05:09
 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COEK0

Manual Integrations
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Quant Time: Mar 28 07:00:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration



(13) Acetone (T)

2.209min (-0.007) 8.42ug/L

response 15965

Ion	Exp%	Act%
43.00	100	100
58.00	0.00	73.97#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

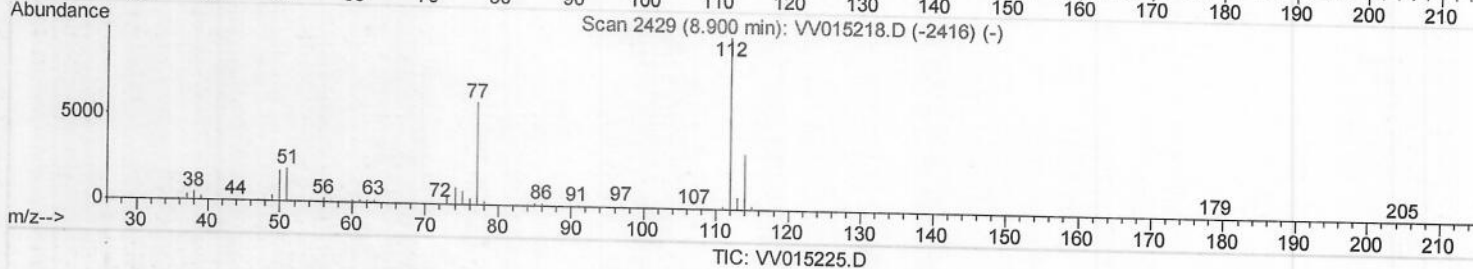
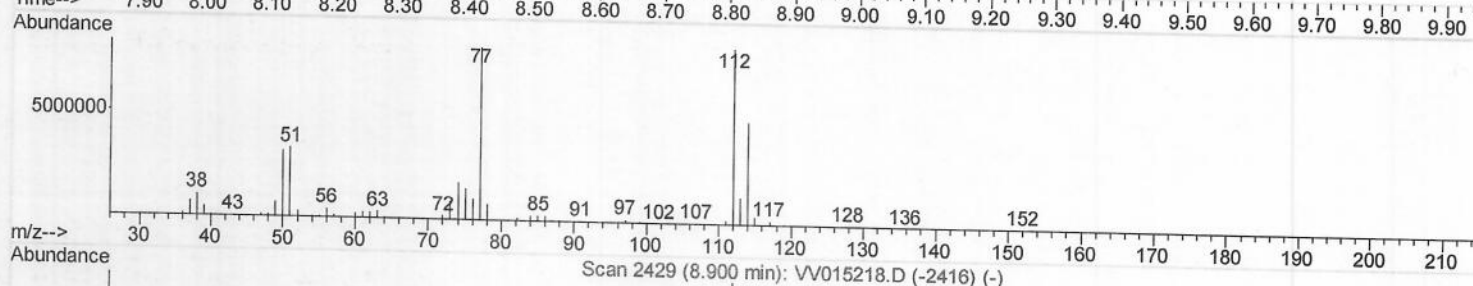
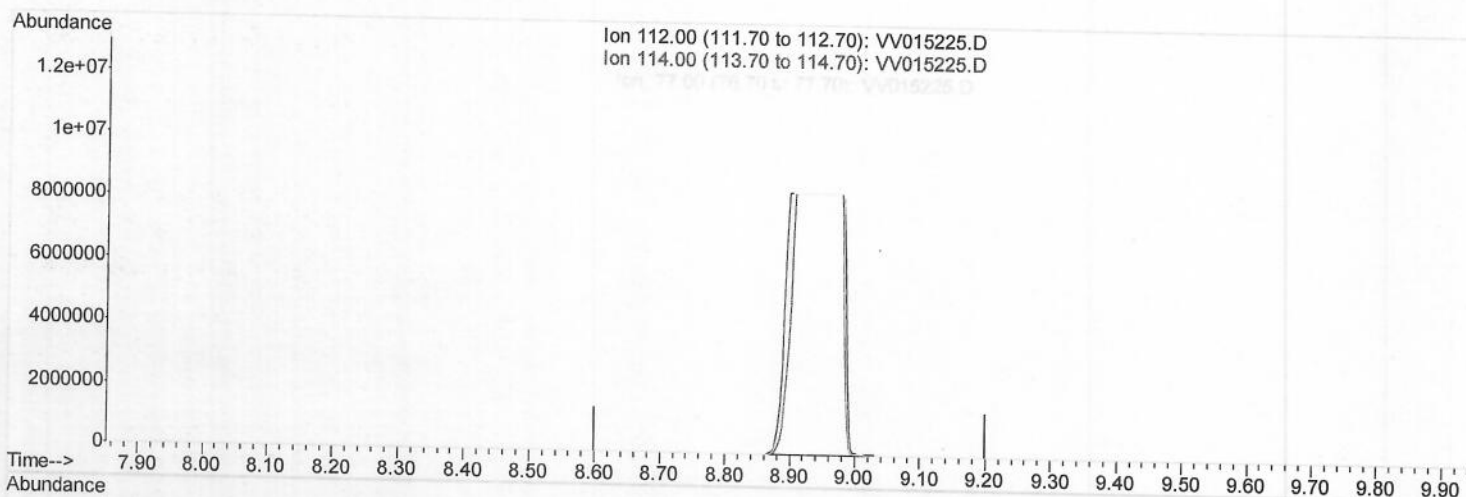
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015225.D
 Acq On : 28 Mar 2020 05:09
 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK0

Manual Integrations
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apatel
 3/31/2020 9:23:03 AM

Quant Time: Mar 28 07:00:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration



(51) Chlorobenzene (T)

8.900min (-8.900) 0.00ug/L

response 0

Ion	Exp%	Act%
112.00	100	0.00
114.00	31.90	0.00#
77.00	60.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

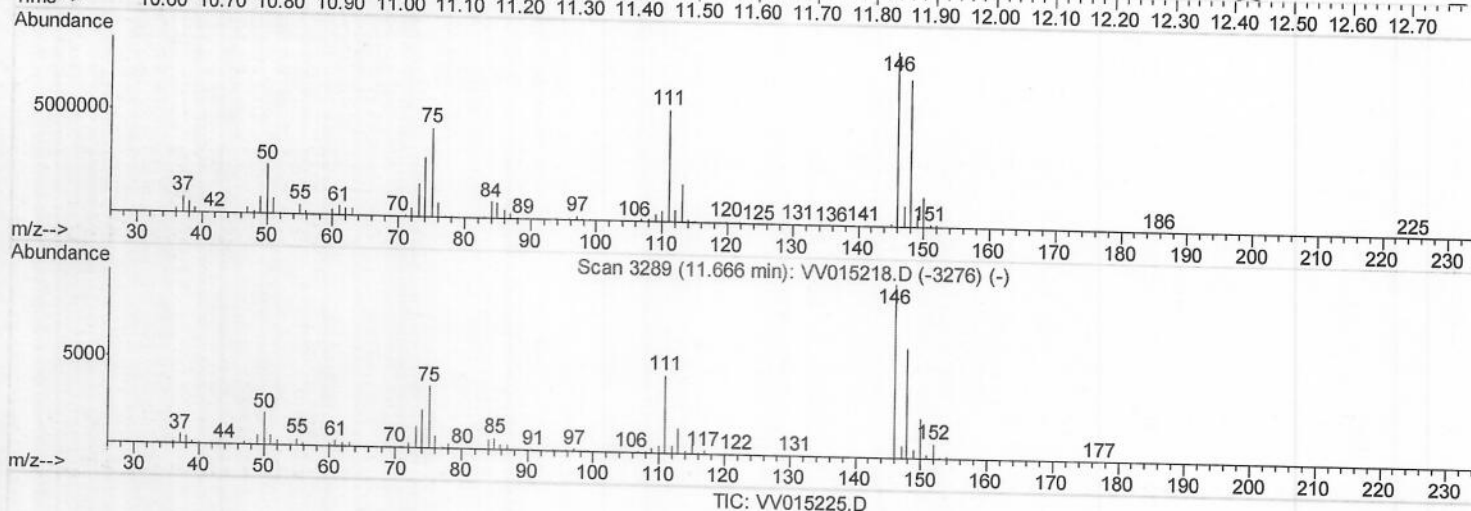
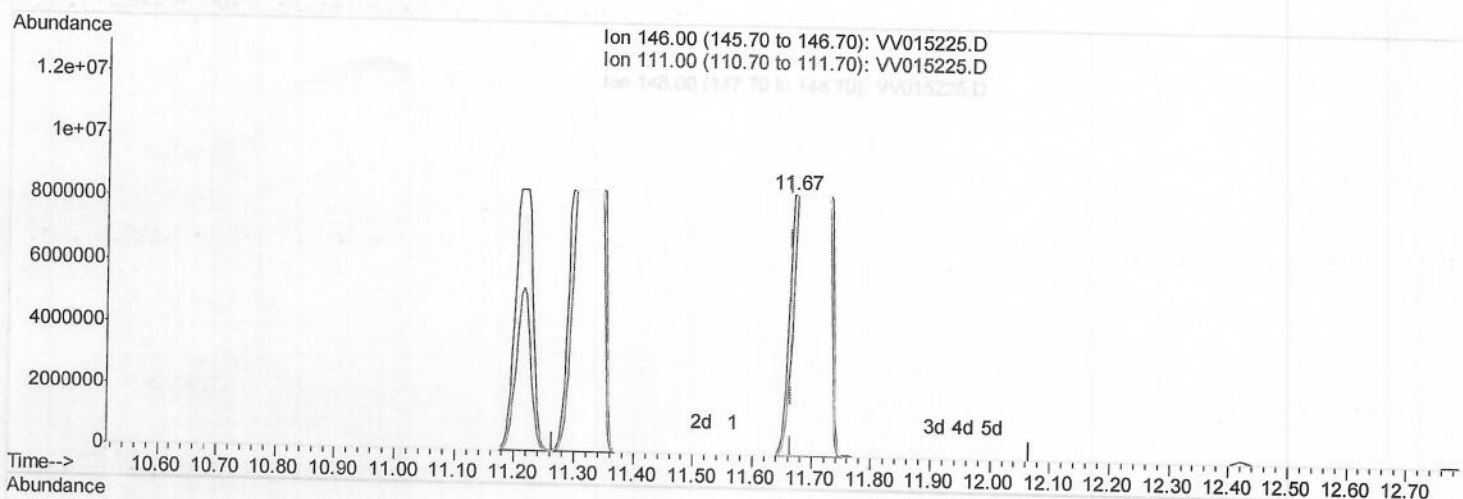
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015225.D
 Acq On : 28 Mar 2020 05:09
 Operator : SY/MD
 Sample : L2003-01
 Misc : 5.0mL/MSVOA V/WATER .
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK0

Manual Integrations
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apatel
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Quant Time: Mar 28 07:18:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration



(65) 1,2-Dichlorobenzene (T)

11.669min (+0.003) 2385.90ug/L m >

response 39078523

Ion	Exp%	Act%
146.00	100	100
111.00	47.00	64.54#
148.00	63.30	84.28#
0.00	0.00	0.00

SY
 03/31/2020