

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (Qedit)

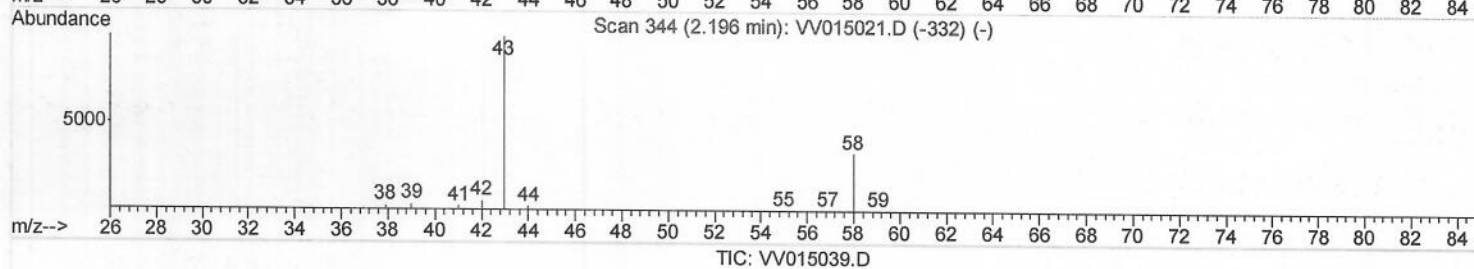
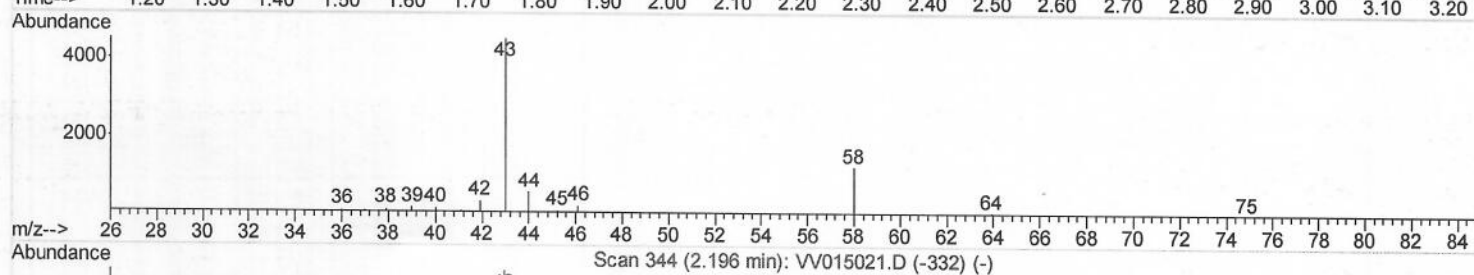
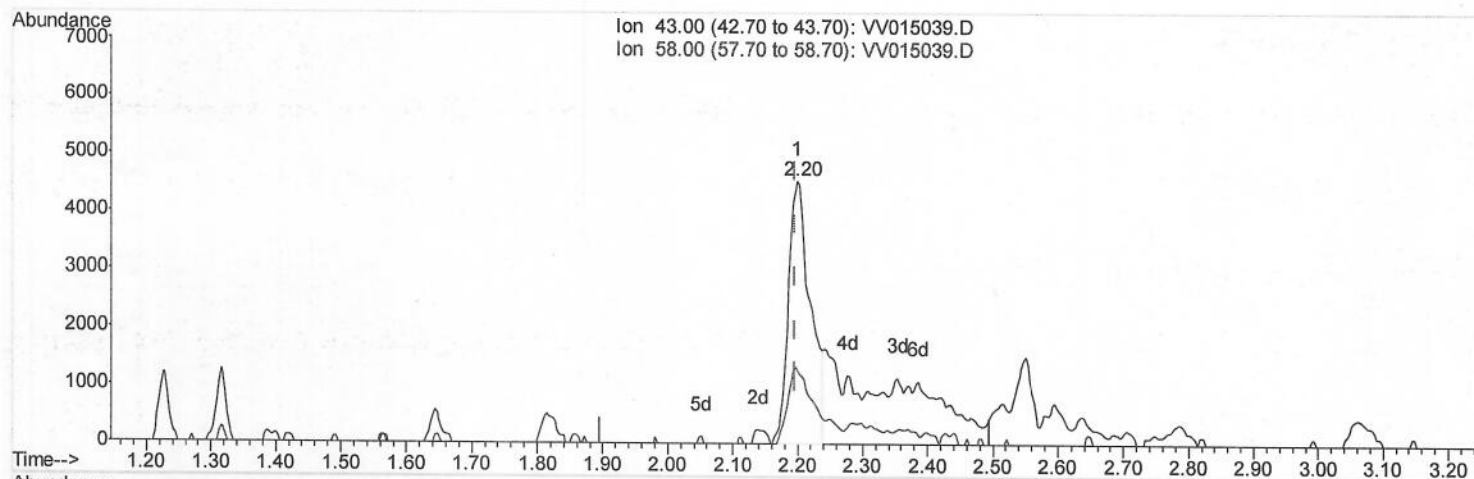
Data File : VV015039.D
Acq On : 19 Mar 2020 01:39
Operator : SY/MD
Sample : L1941-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DL9

Manual Integrations
APPROVED

sam
3/19/2020 11:31:04 AM

Quant Time: Mar 19 04:13:51 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



(13) Acetone (T)

2.200min (+0.003) 11.62ug/L

response 10715

Ion	Exp%	Act%
43.00	100	100
58.00	21.60	32.99
0.00	0.00	0.00
0.00	0.00	0.00

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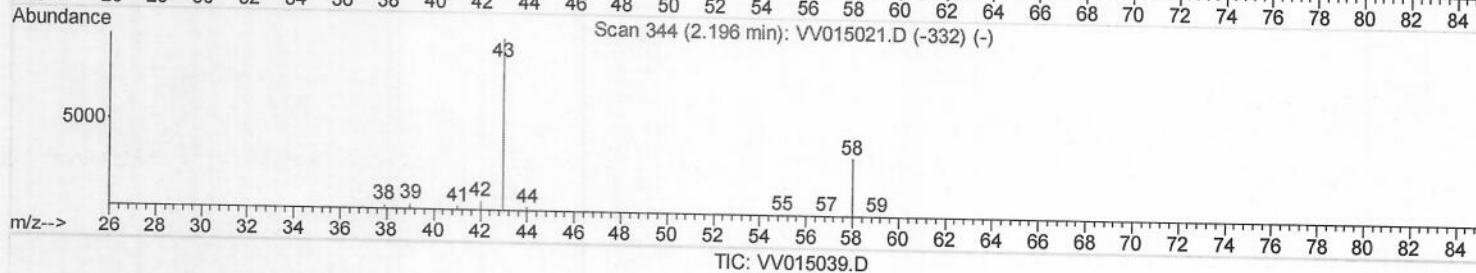
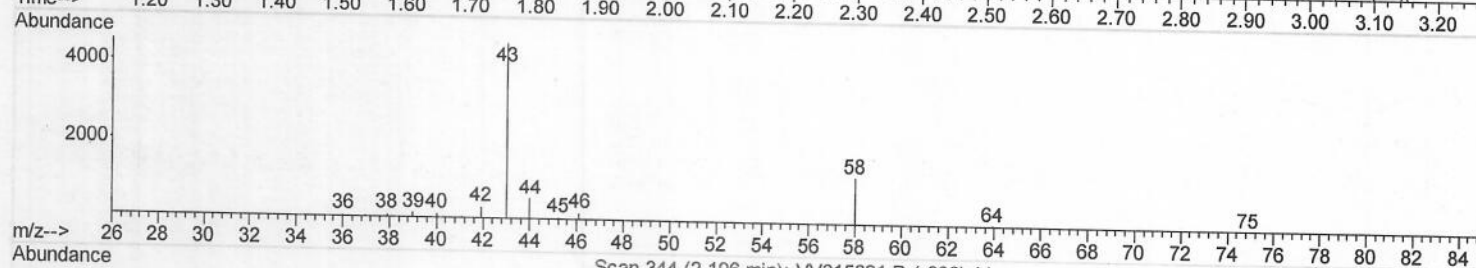
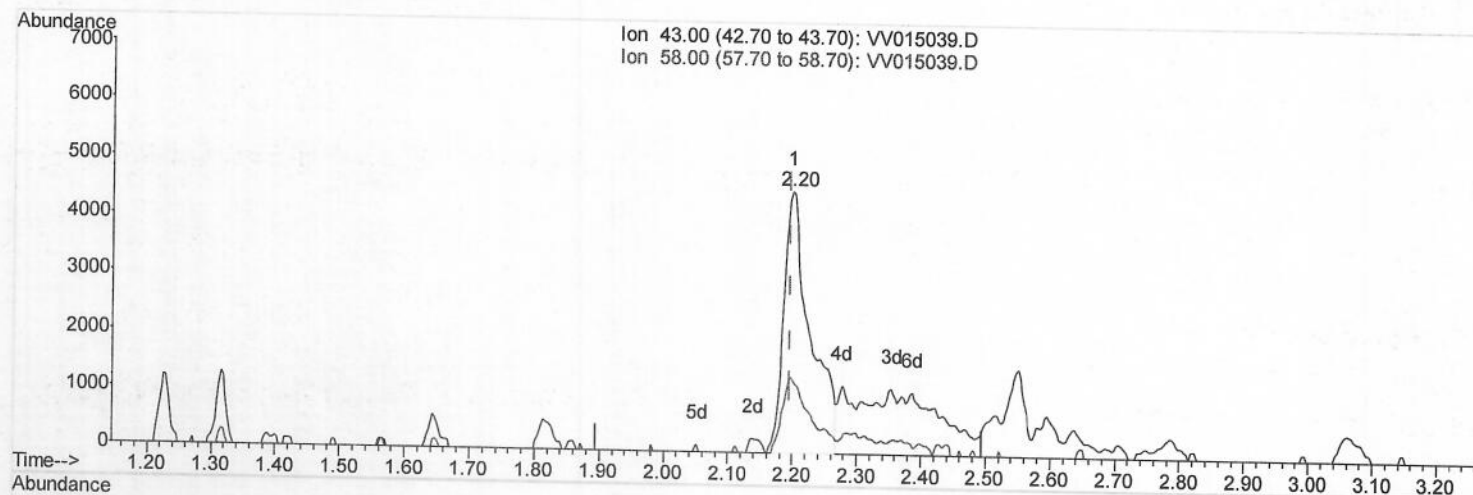
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(13) Acetone (T)

2.200min (+0.003) 14.21ug/L m

response 13111

Ion	Exp%	Act%
43.00	100	100
58.00	21.60	26.96
0.00	0.00	0.00
0.00	0.00	0.00

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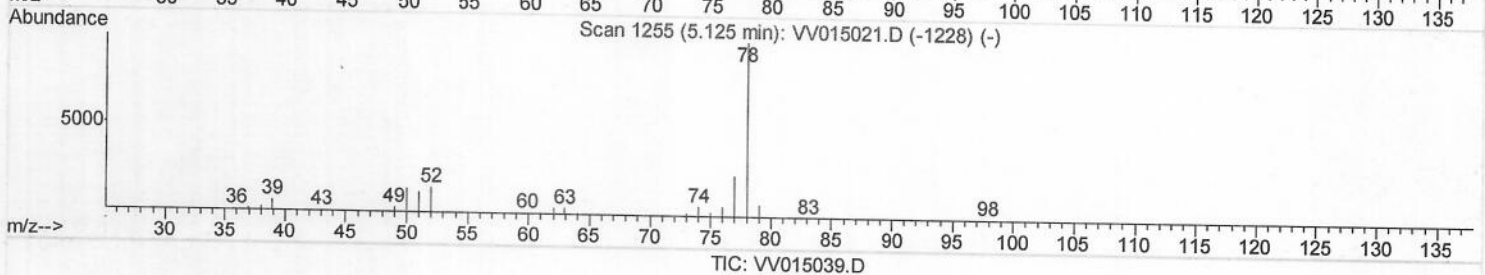
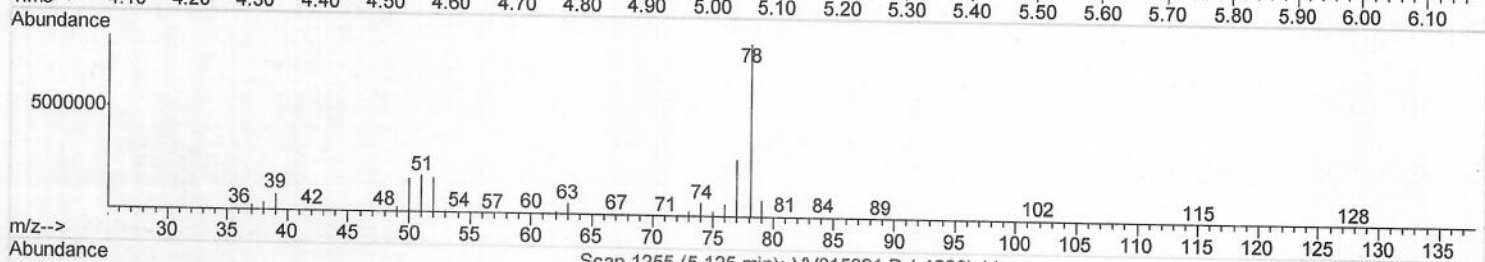
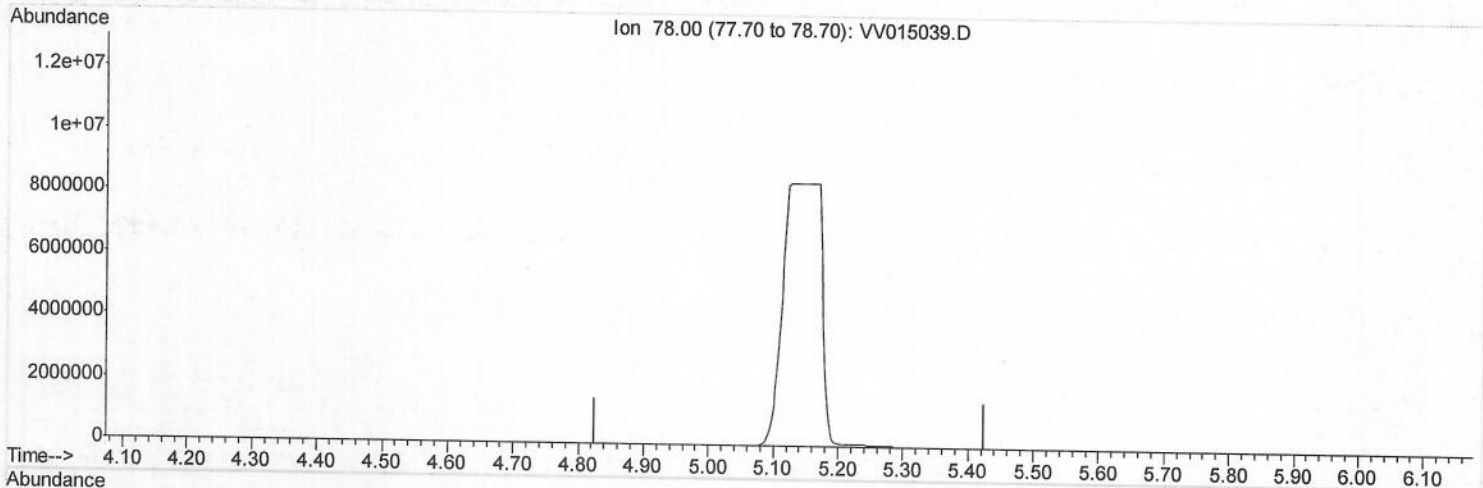
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(33) Benzene (T)

5.125min (-5.125) 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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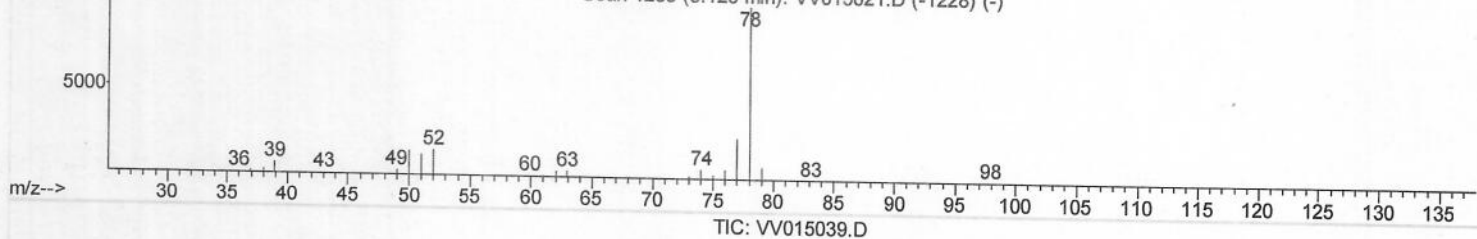
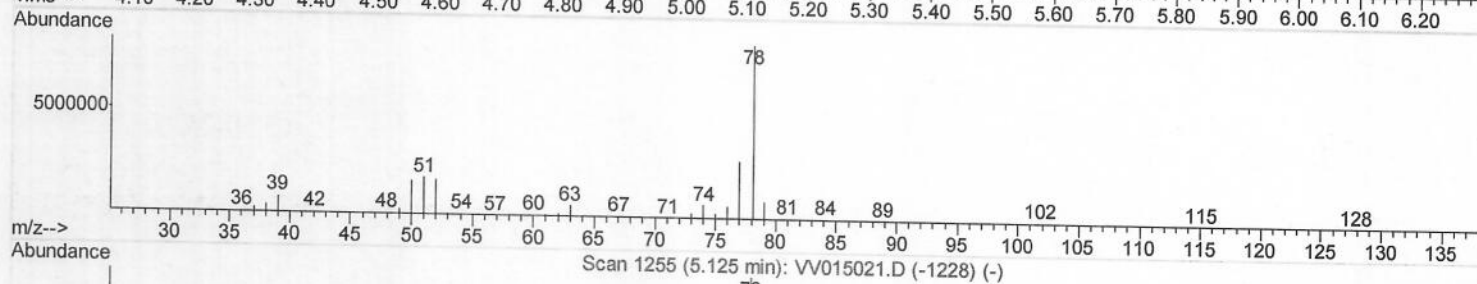
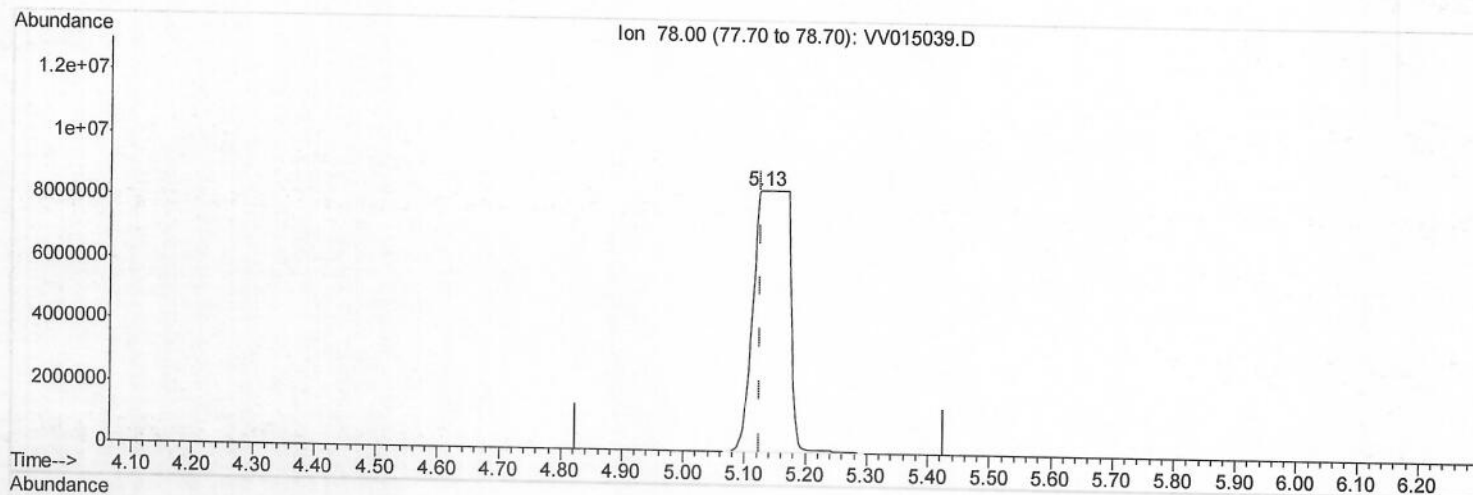
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(33) Benzene (T)

5.125min (-0.000) 4024.42ug/L m

response 34493370

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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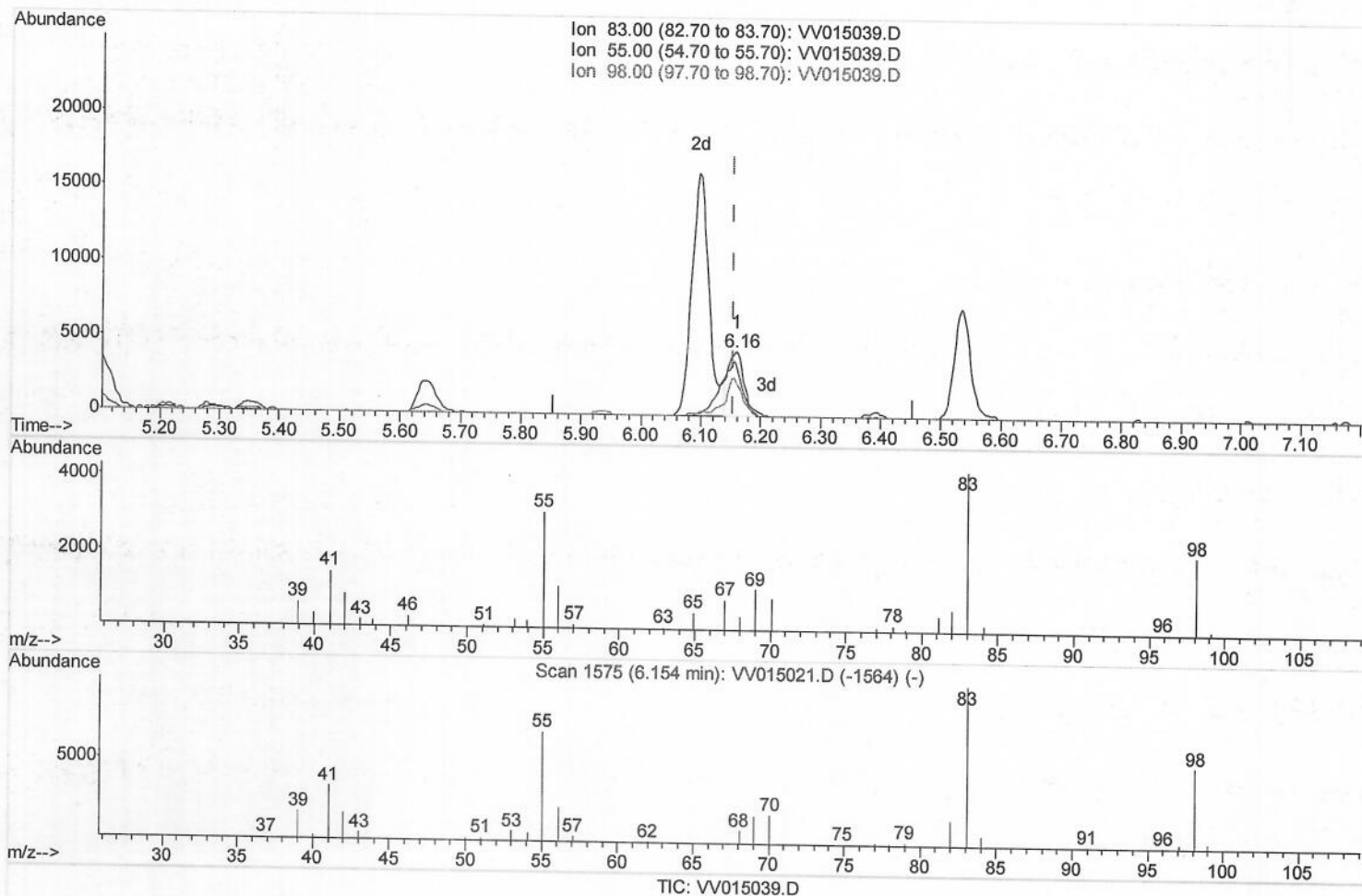
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(35) Methylcyclohexane (T)

6.161min (+0.006) 2.22ug/L

response 8167

Ion	Exp%	Act%
83.00	100	100
55.00	69.20	113.70#
98.00	50.80	61.06#
0.00	0.00	0.00

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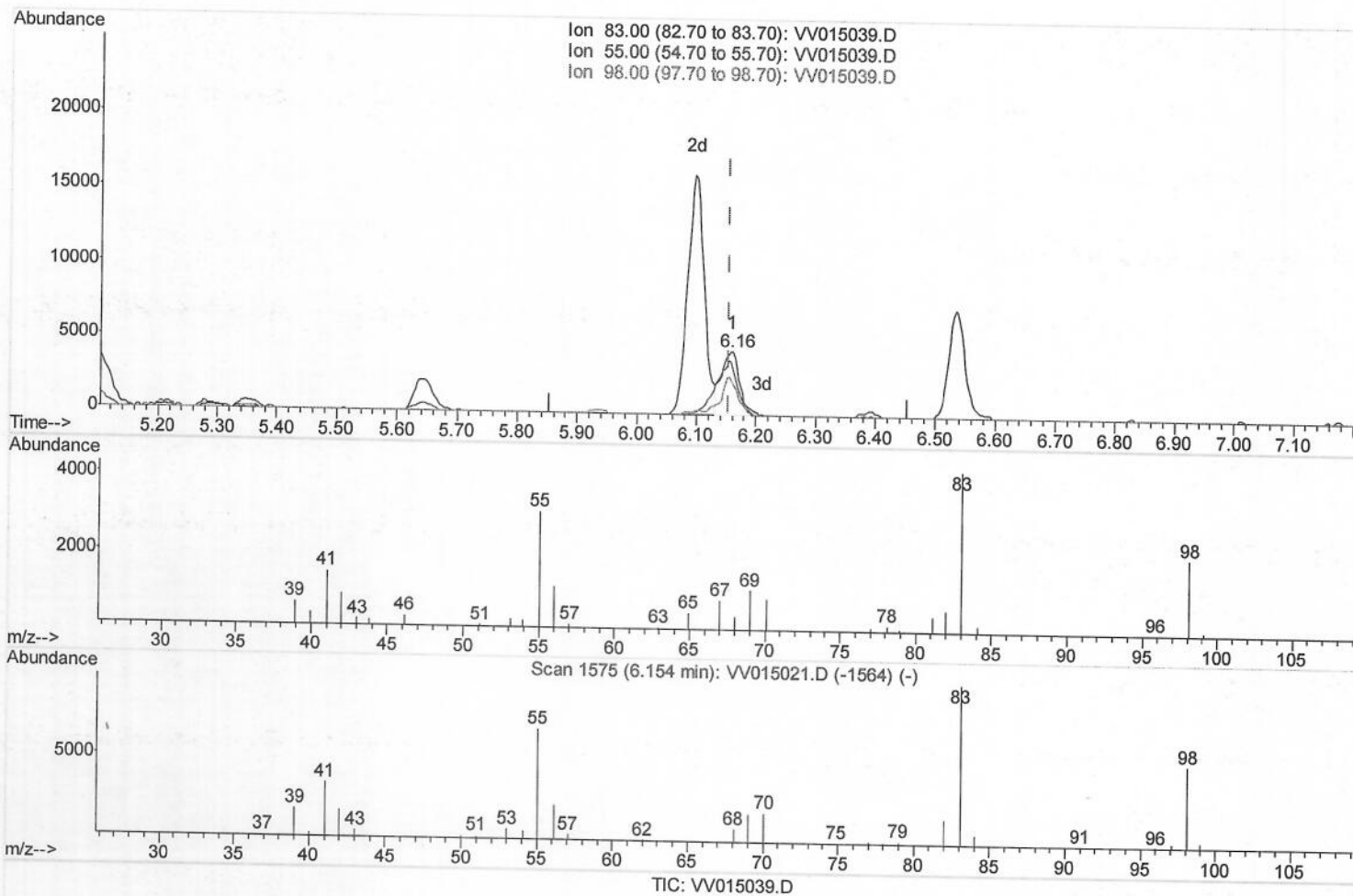
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Instrument :
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Manual Integrations
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(35) Methylcyclohexane (T)

6.161min (+0.006) 2.56ug/L m

response 9433

Ion	Exp%	Act%
83.00	100	100
55.00	69.20	98.44#
98.00	50.80	52.87
0.00	0.00	0.00

MD
03/30/2020

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Quantitation Report (Qedit)

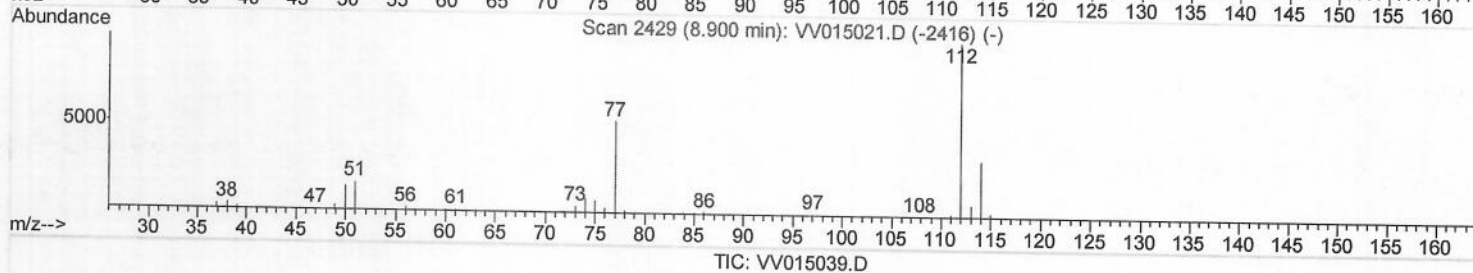
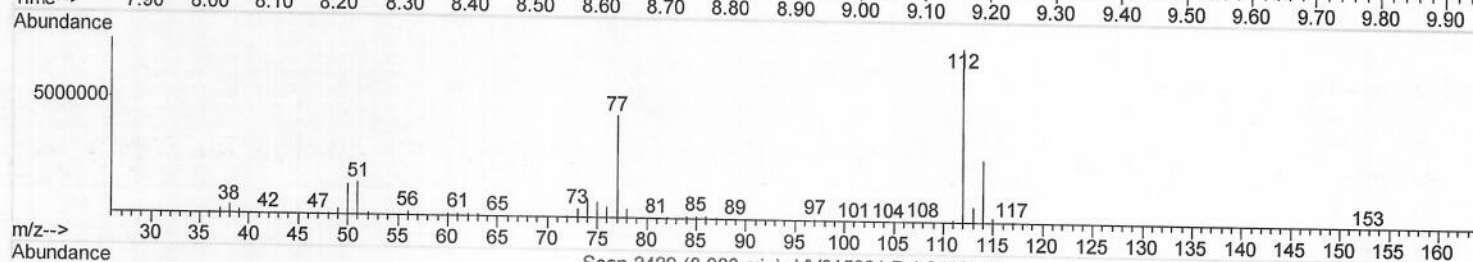
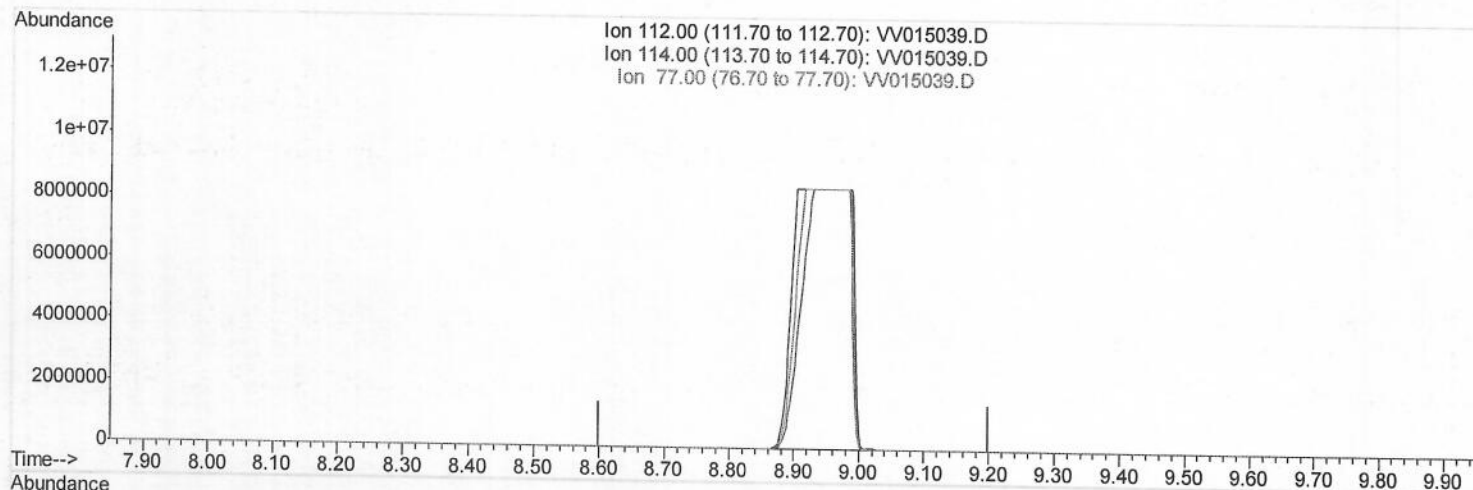
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(51) Chlorobenzene (T)

8.900min (-8.900) 0.00ug/L

response 0

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

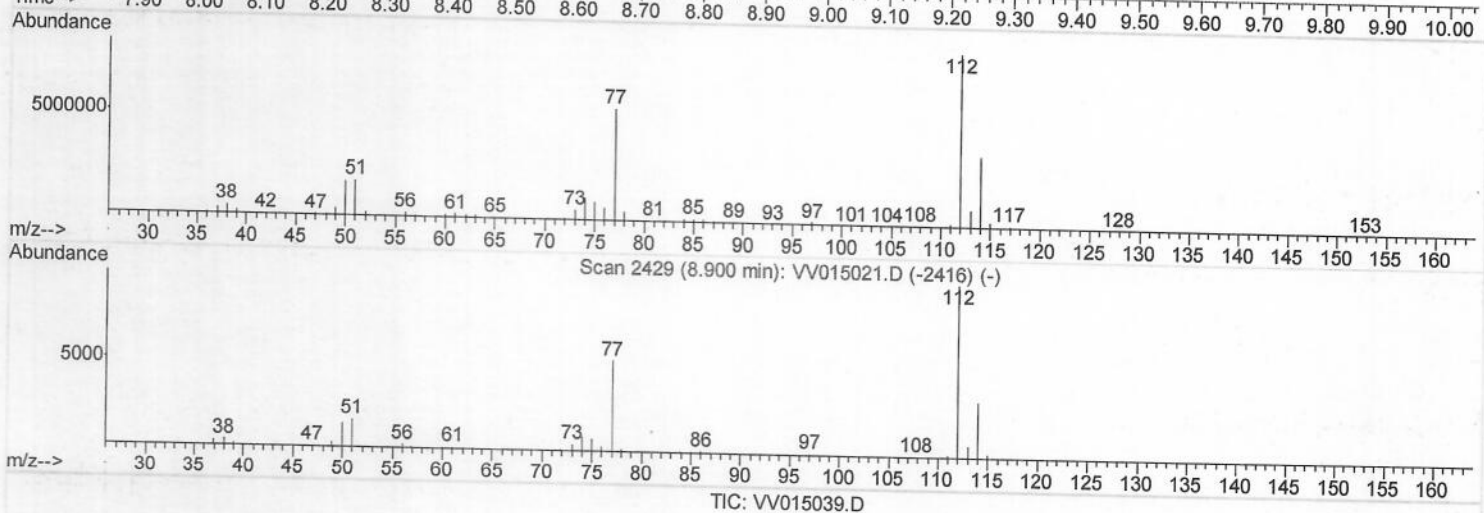
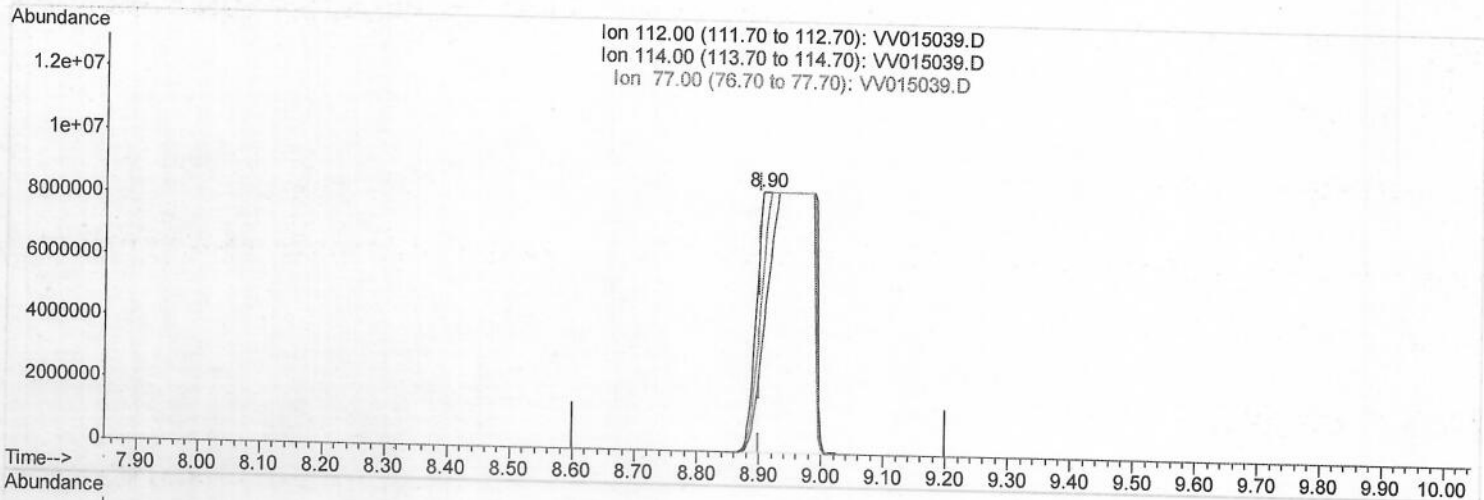
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 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(51) Chlorobenzene (T)

8.903min (+0.003) 7557.75ug/L m

response 51487226

Ion	Exp%	Act%
112.00	100	100
114.00	32.00	40.87
77.00	53.60	64.48#
0.00	0.00	0.00

> MD
 03/30/2020

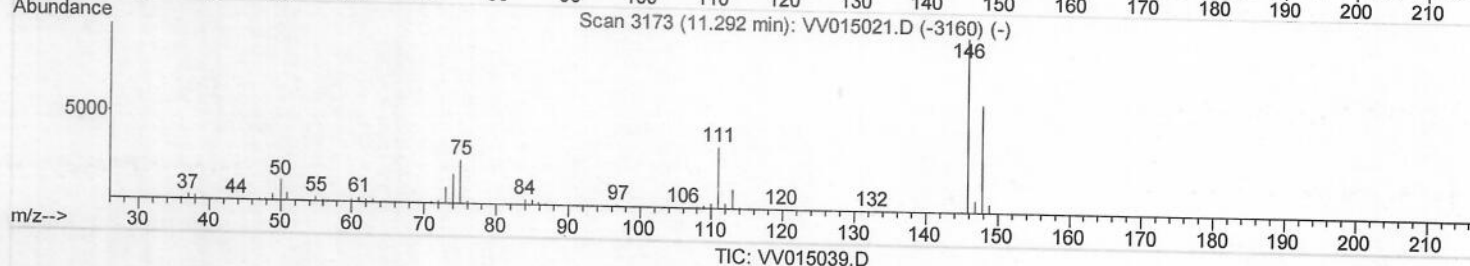
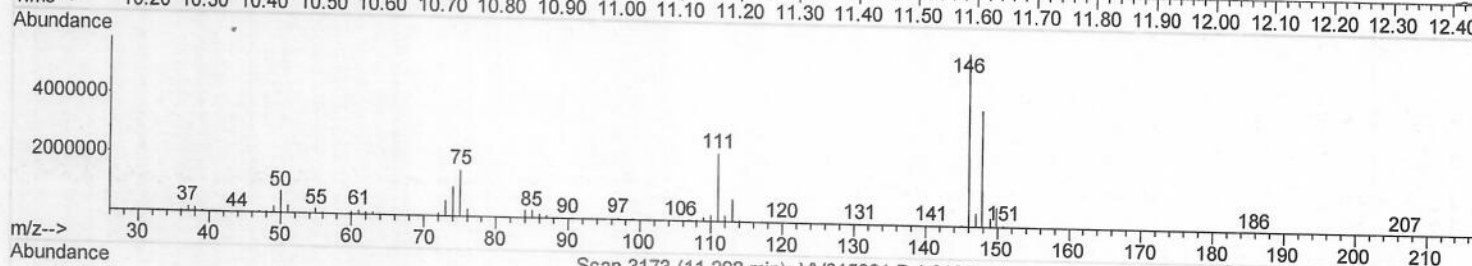
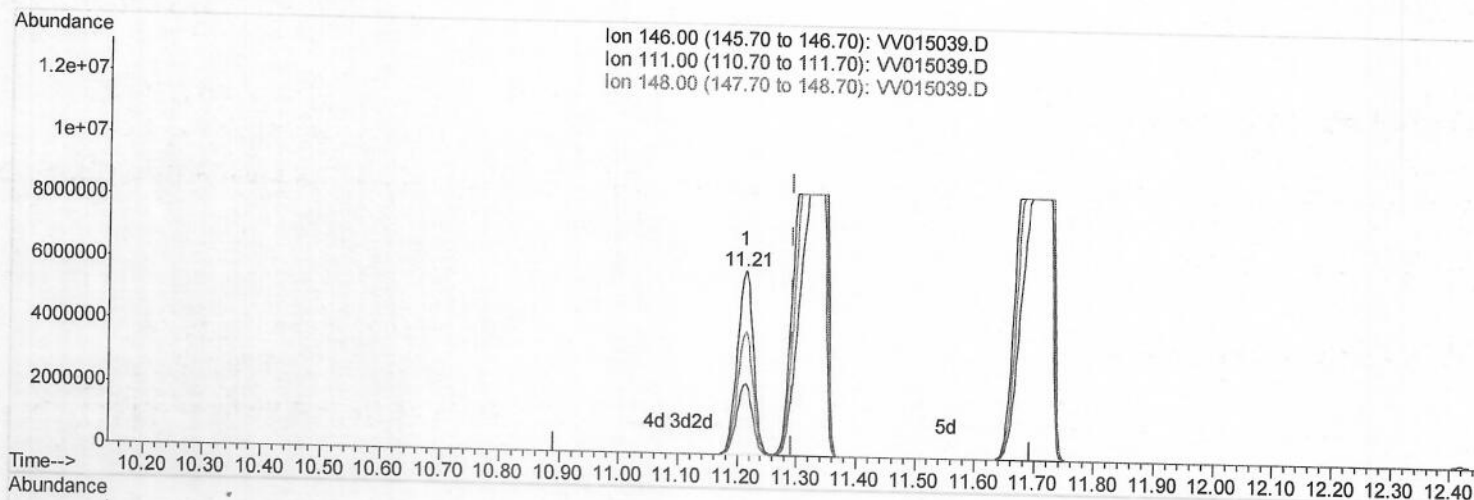
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Manual Integrations
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(63) 1,4-Dichlorobenzene (T)
 11.212min (-0.080) 1498.32ug/L
 response 11208488

Ion	Exp%	Act%
146.00	100	100
111.00	36.90	39.40
148.00	65.30	67.22
0.00	0.00	0.00

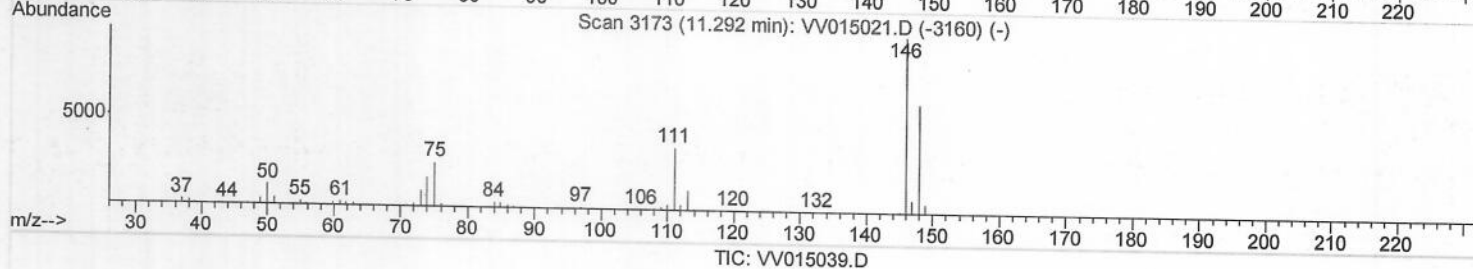
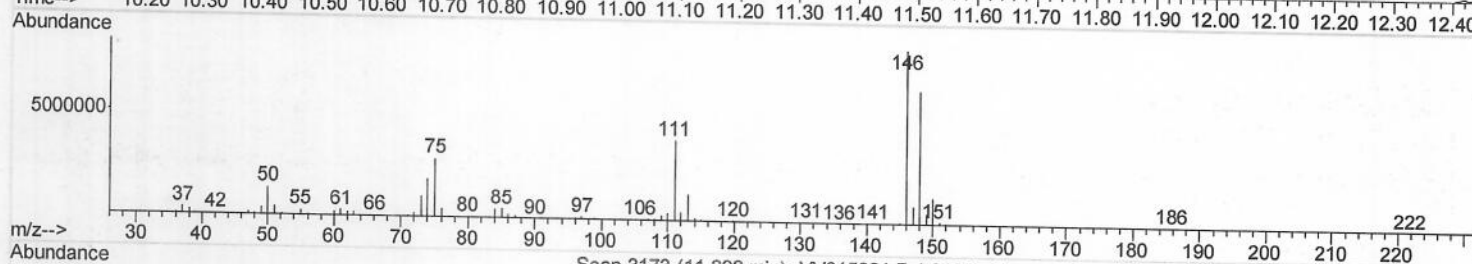
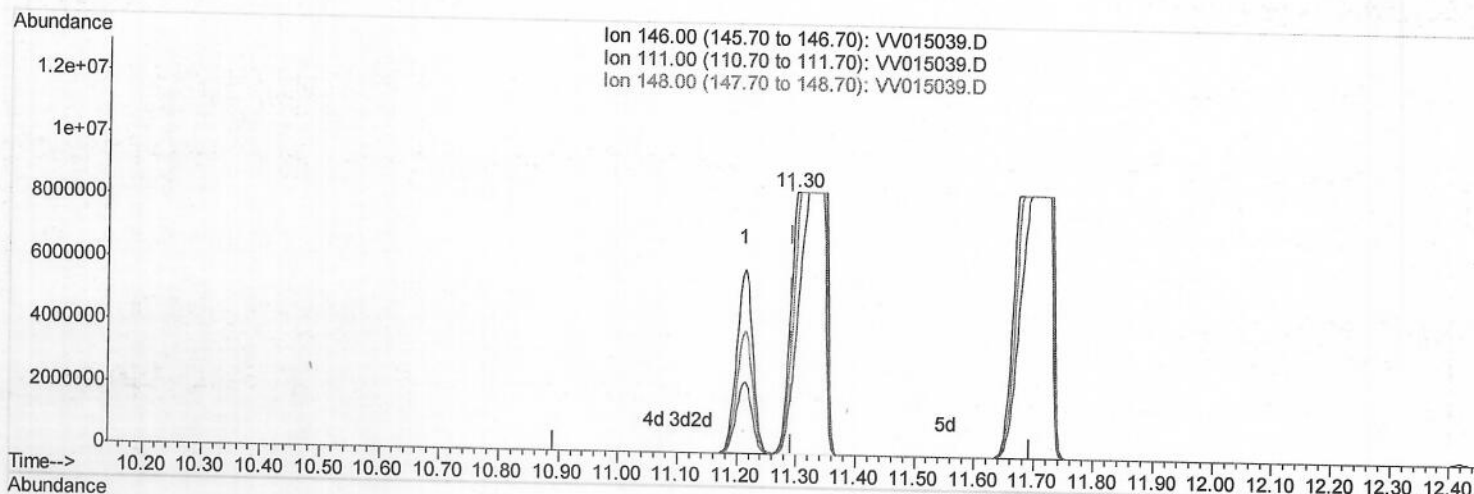
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 ALS Vial : 30 Sample Multiplier: 1

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

11.299min (+0.006) 4539.08ug/L m

response 33955521

Ion	Exp%	Act%
146.00	100	100
111.00	36.90	46.55
148.00	65.30	76.95
0.00	0.00	0.00

> MD
 03/30/2020

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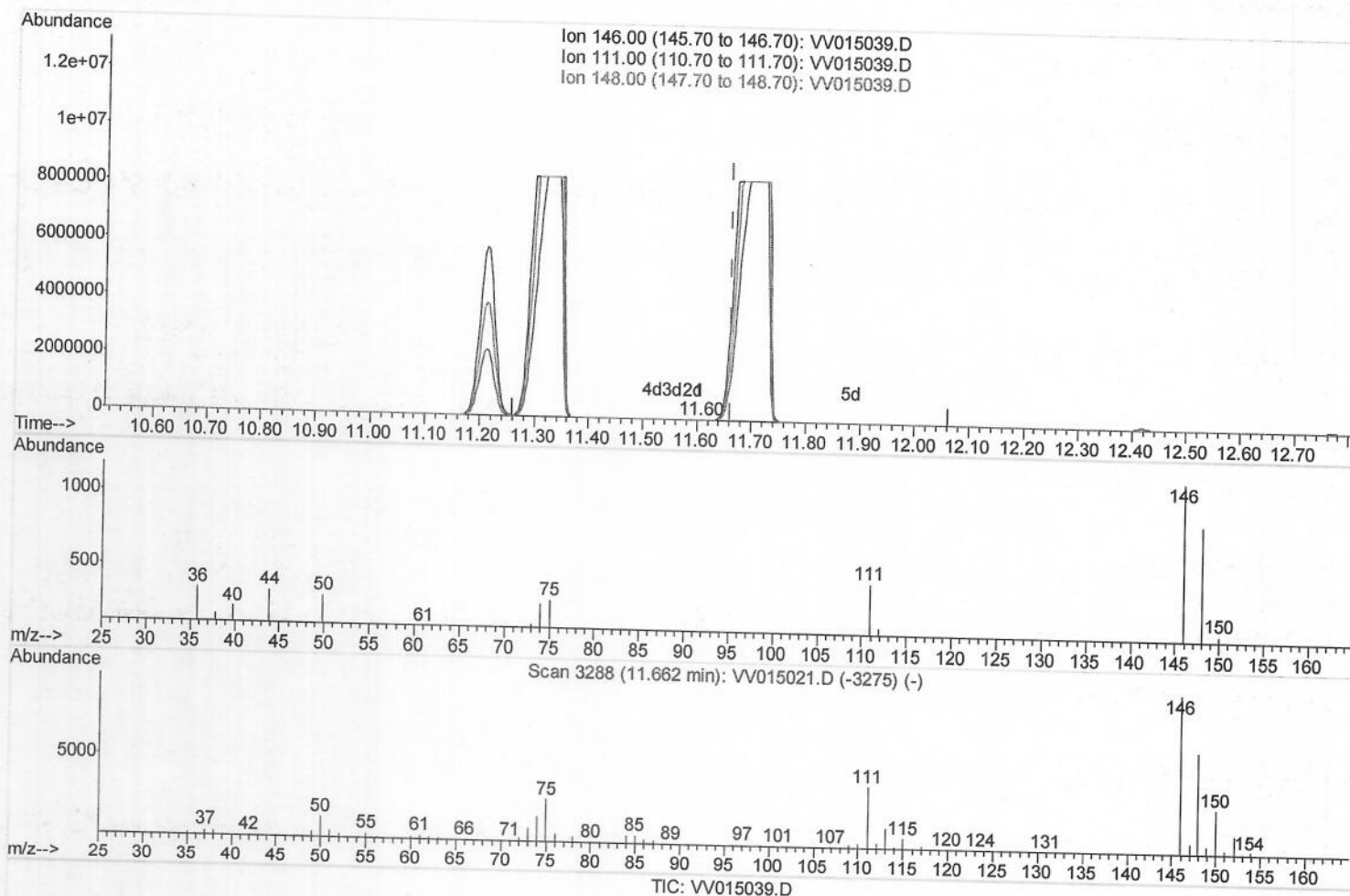
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(65) 1,2-Dichlorobenzene (T)

11.604min (-0.058) 0.01ug/L

response 81

Ion	Exp%	Act%
146.00	100	100
111.00	39.40	38.79
148.00	64.60	75.72
0.00	0.00	0.00

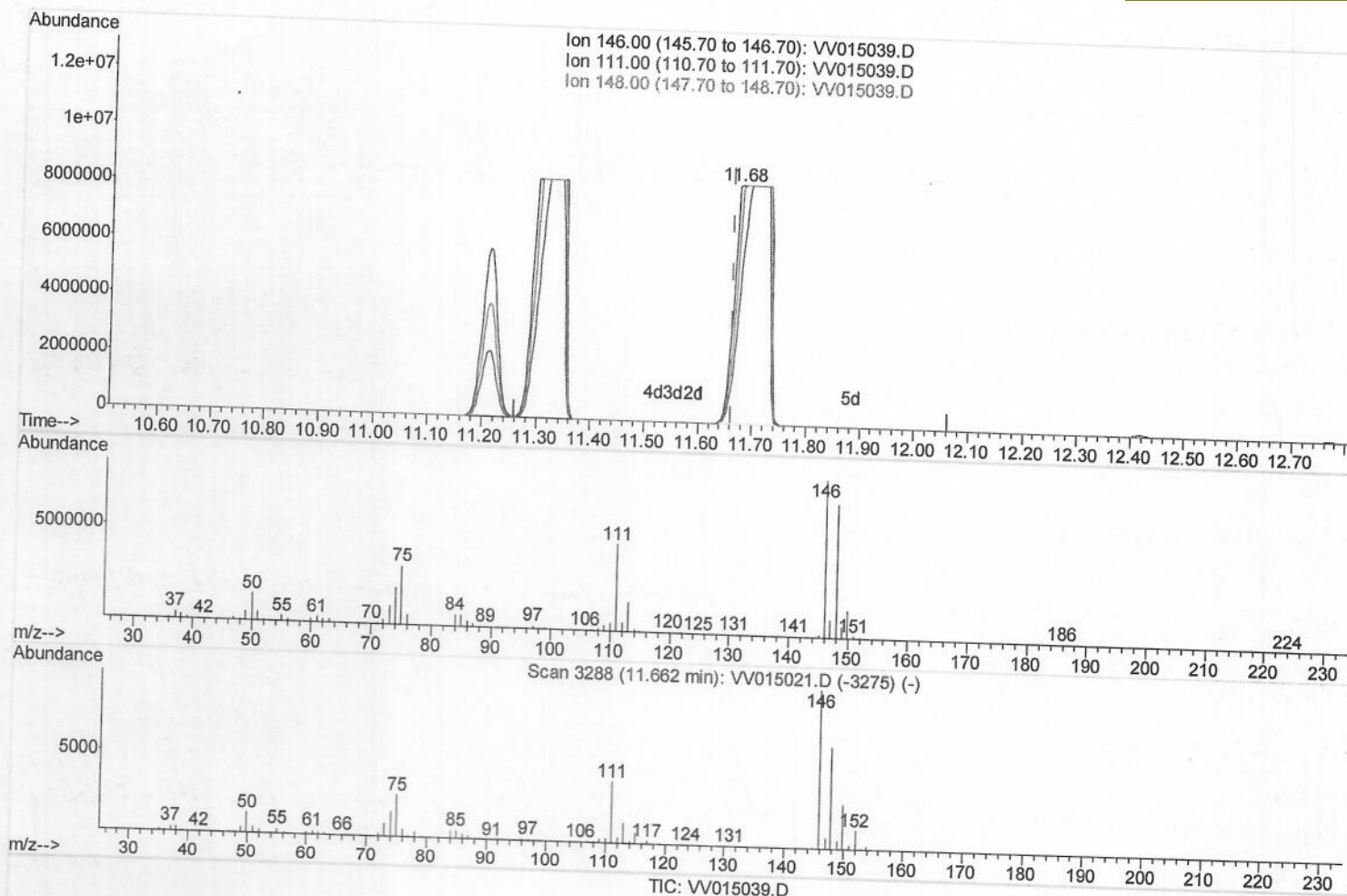
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(65) 1,2-Dichlorobenzene (T)

11.675min (+0.013) 4894.33ug/L m

response 37360232

Ion	Exp%	Act%
146.00	100	100
111.00	39.40	55.39#
148.00	64.60	84.89#
0.00	0.00	0.00

MD
 03/30/2020

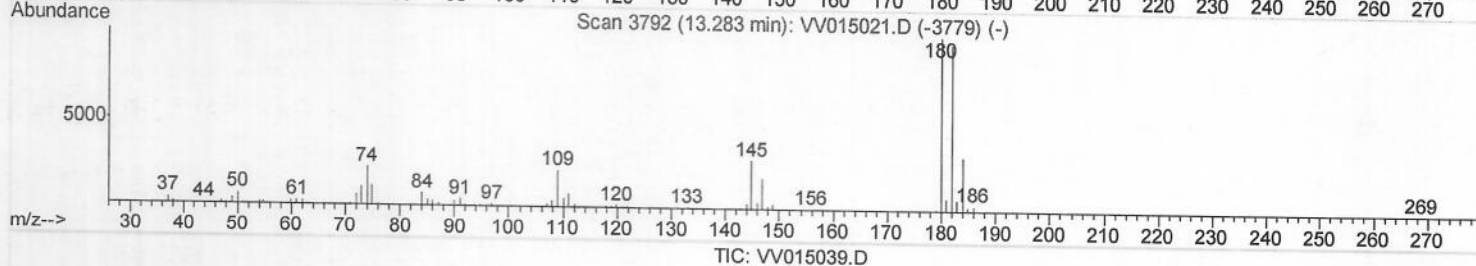
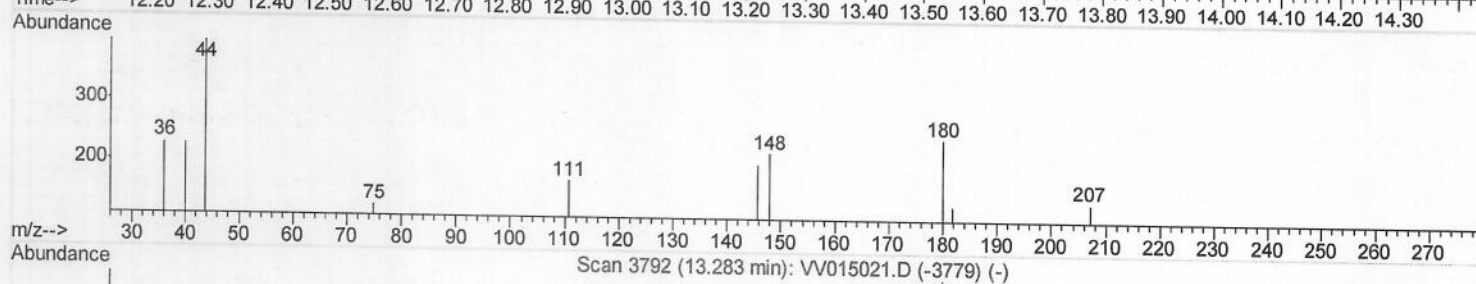
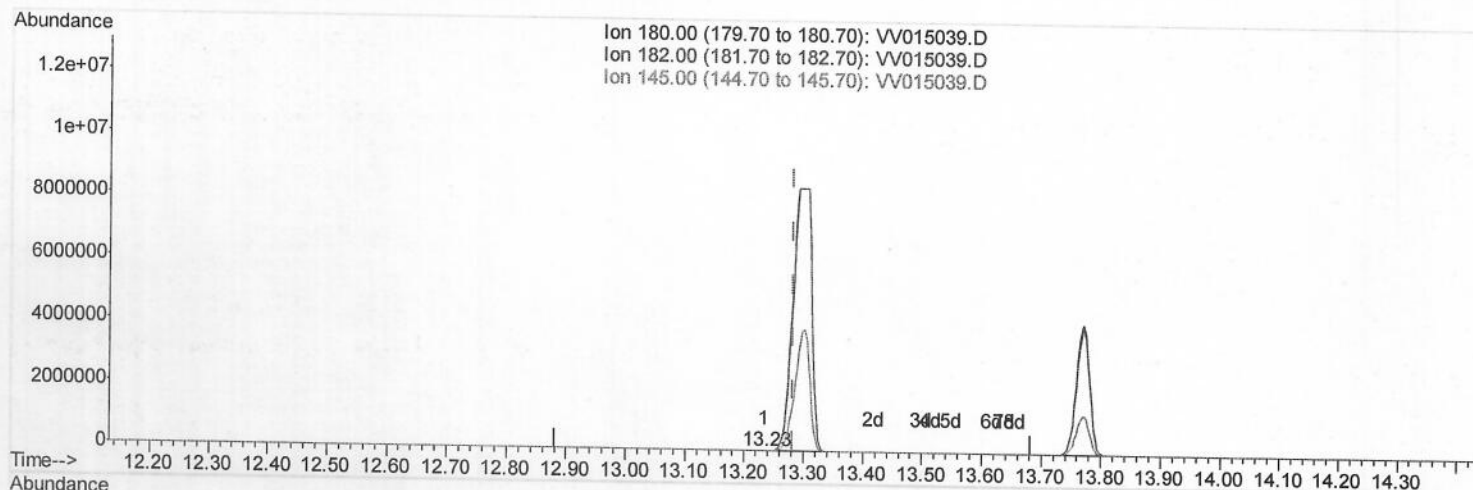
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(68) 1,2,4-trichlorobenzene (T)

13.234min (-0.048) 0.03ug/L

response 158

Ion	Exp%	Act%
180.00	100	100
182.00	95.40	0.00#
145.00	27.80	4297949.37#
0.00	0.00	0.00

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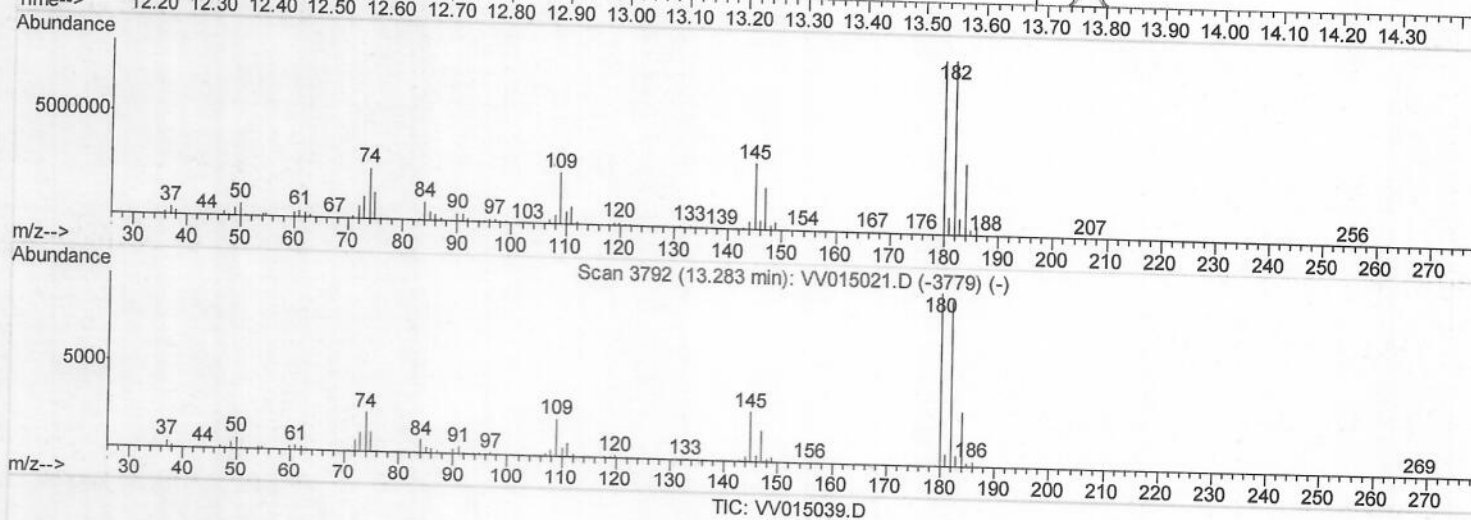
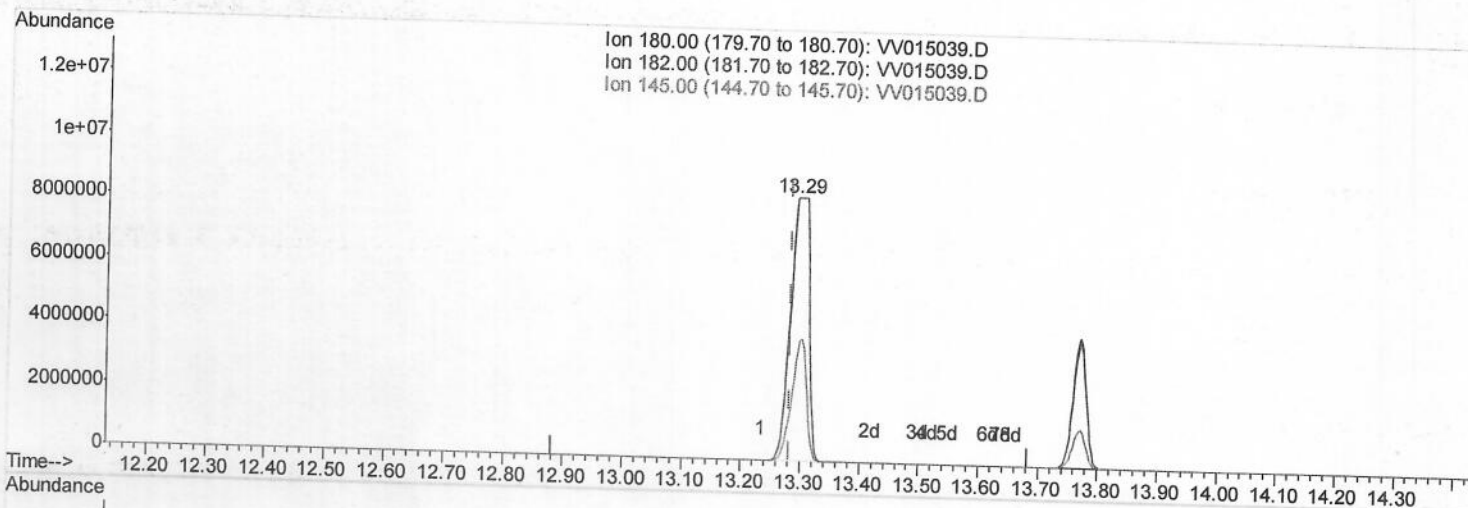
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(68) 1,2,4-trichlorobenzene (T)

13.292min (+0.010) 3581.02ug/L m >

response 18751717

Ion	Exp%	Act%
180.00	100	100
182.00	95.40	0.00#
145.00	27.80	36.21#
0.00	0.00	0.00

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sam
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Quant Time: Mar 19 06:48:05 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350153	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.92	117	350134	50.00	ug/L	0.04
60) 1,4-Dichlorobenzene-d4	11.30	152	238758	50.00	ug/L	0.03

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83324	50.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	101.86%		
7) Chloroethane-d5	1.58	69	66391	51.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.50%		
11) 1,1-Dichloroethene-d2	2.12	63	107497	38.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.88%		
21) 2-Butanone-d5	3.93	46	97759	88.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.14%		
24) Chloroform-d	4.38	84	264837	63.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	126.46%#		
26) 1,2-Dichloroethane-d4	5.07	65	131127	49.73	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.46%		
32) Benzene-d6	5.09	84	413081	49.72	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.44%		
36) 1,2-Dichloropropane-d6	6.10	67	120162	49.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.86%		
41) Toluene-d8	7.34	98	424341	50.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.46%		
43) trans-1,3-Dichloropropene-	7.64	79	61387	47.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.48%		
47) 2-Hexanone-d5	8.13	63	109570	97.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.81%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186060	50.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.72%		
64) 1,2-Dichlorobenzene-d4	11.68	152	237682	49.59	ug/L	0.04
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.18%		

Target Compounds

13) Acetone	2.20	43	13111m	14.213	ug/L	Qvalue
25) Chloroform	4.41	83	1583328	385.220	ug/L	99
29) Cyclohexane	4.71	56	21419	6.814	ug/L	96
31) Carbon tetrachloride	4.86	117	386428	113.841	ug/L	97
33) Benzene	5.13	78	34493370m	4024.417	ug/L	
34) Trichloroethene	5.94	95	5905	2.543	ug/L	88
35) Methylcyclohexane	6.16	83	9433m	2.560	ug/L	
38) Bromodichloromethane	6.53	83	14029	4.641	ug/L	95
42) Toluene	7.41	91	19638	2.027	ug/L	94
46) Tetrachloroethene	8.00	164	6271	2.844	ug/L	91
49) Dibromochloromethane	8.27	129	5962	2.270	ug/L	79
51) Chlorobenzene	8.90	112	51487226m	7557.746	ug/L	
62) 1,3-Dichlorobenzene	11.21	146	11208488	1559.626	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	33955521m	4539.077	ug/L	
65) 1,2-Dichlorobenzene	11.68	146	37360232m	4894.331	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	17546	3.086	ug/L	
68) 1,2,4-trichlorobenzene	13.29	180	18751717m	2581.016	ug/L	

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (QT Reviewed)

Data File : VV015039.D
Acq On : 19 Mar 2020 01:39
Operator : SY/MD
Sample : L1941-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sampled :
C0DL9

Manual Integrations
APPROVED

sam
3/19/2020 11:31:04 AM

Quant Time: Mar 19 06:48:05 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.77	180	6420556	1248.045	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Quantitation Report (QT Reviewed)

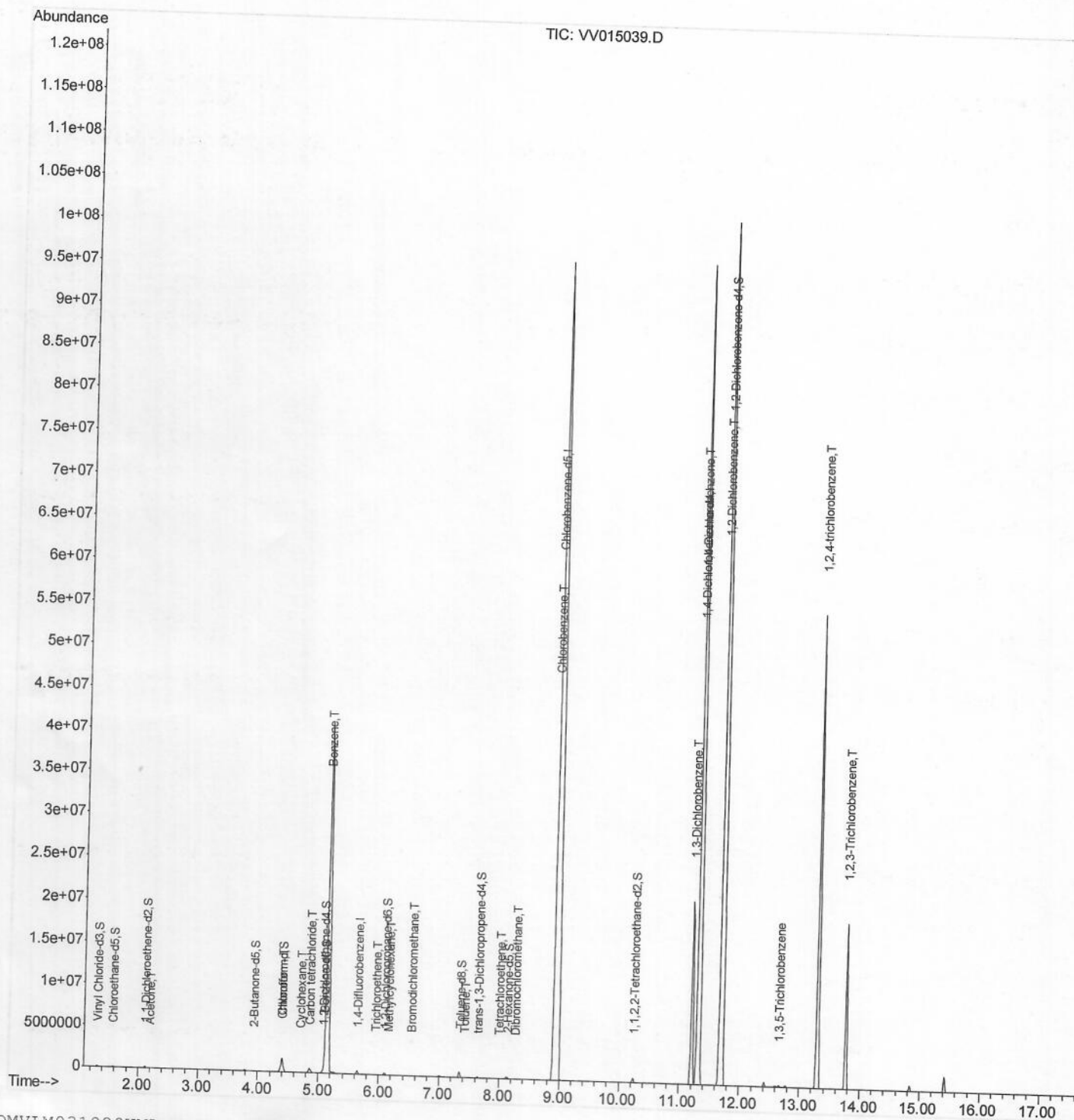
Data File : VV015039.D
Acq On : 19 Mar 2020 01:39
Operator : SY/MD
Sample : L1941-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleID :
C0DL9

Manual Integrations
APPROVED

sam
3/19/2020 11:31:04 AM

Quant Time: Mar 19 06:48:05 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



SOMVLM031820WMA.M Thu Mar 19 06:47:05 2020