Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (QT Reviewed)

Data File : VU030399.D
Acq On : 25 Mar 2019 05:12
Operator : JC/SP
Sample : K2070-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Mar 25 07:34:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C09E0

Manual Integrations APPROVED
MMDadoda
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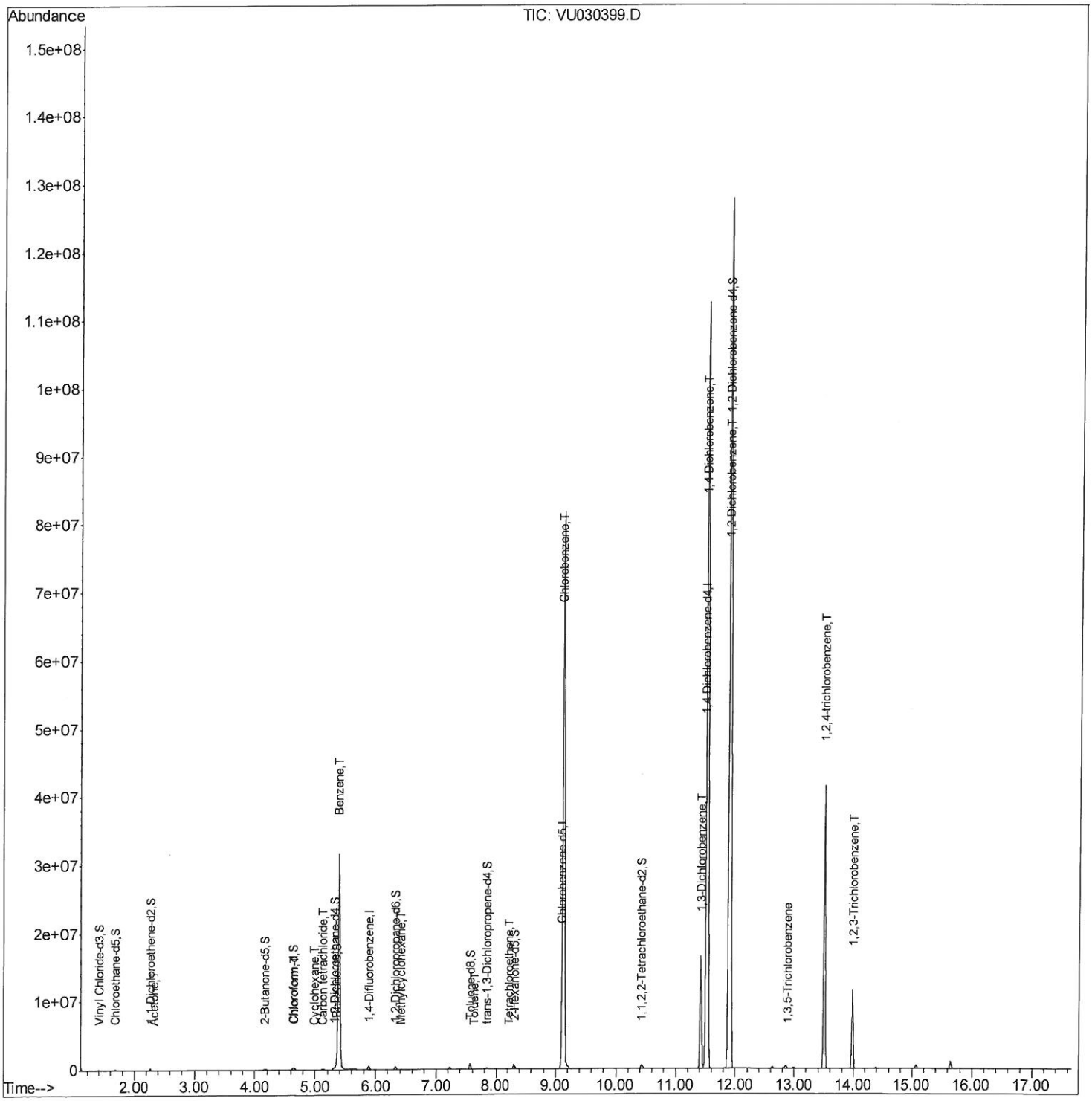

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

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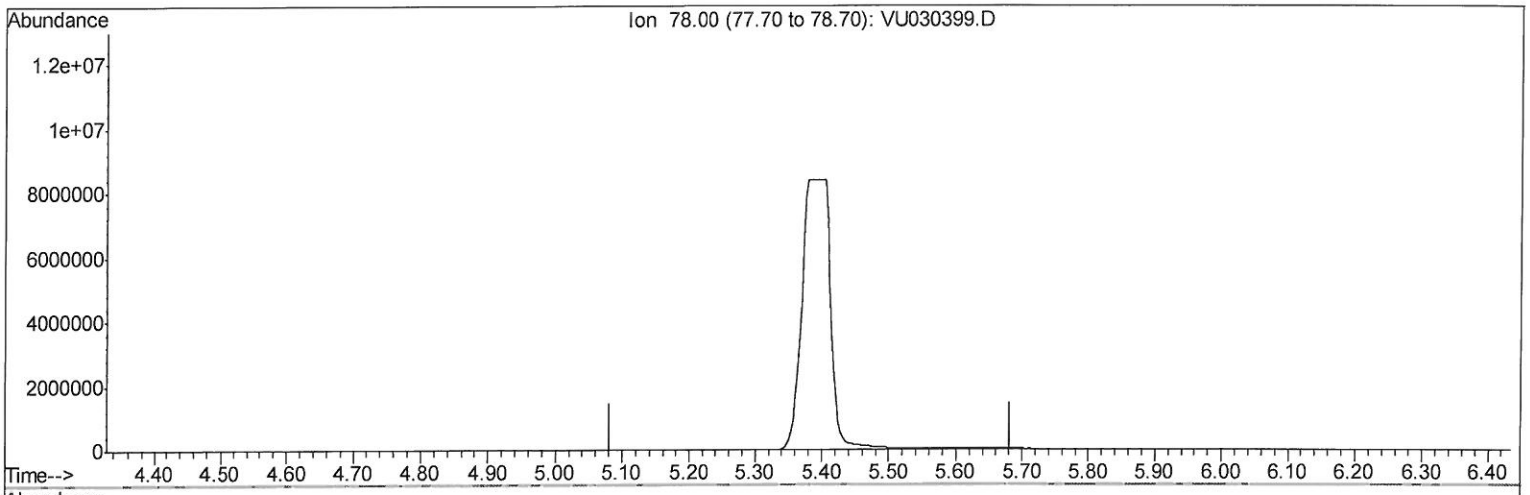

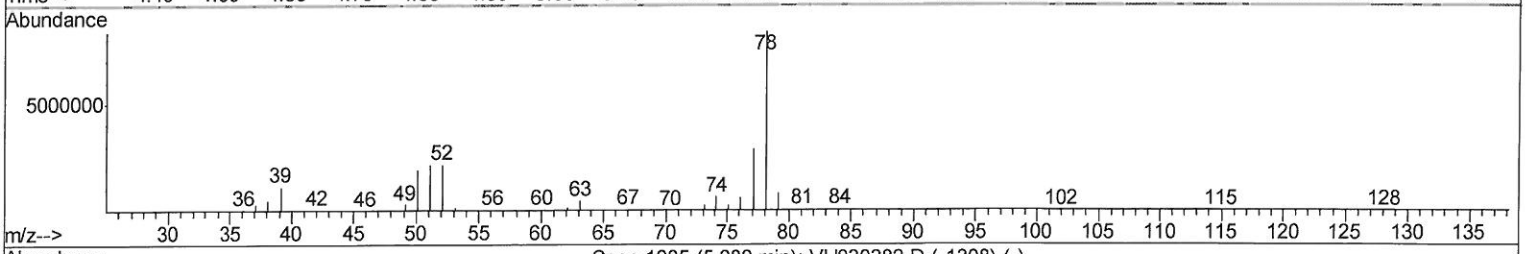

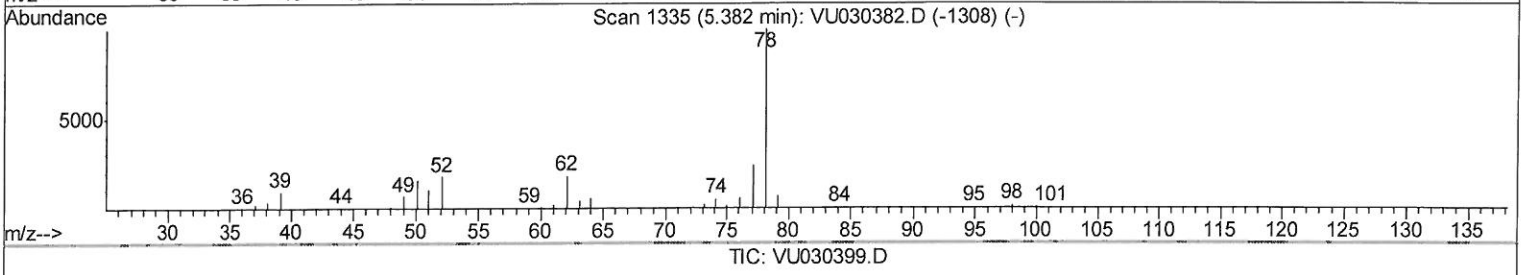

TIC: VU030399.D

(33) Benzene (T)

5.382min (-5.382) 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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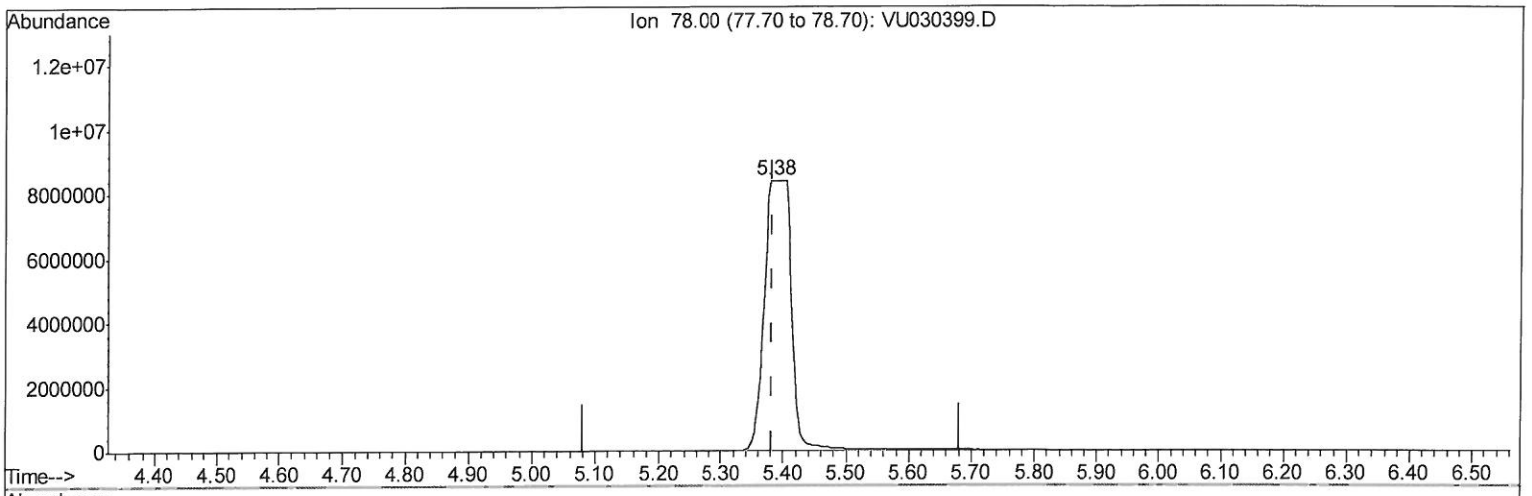

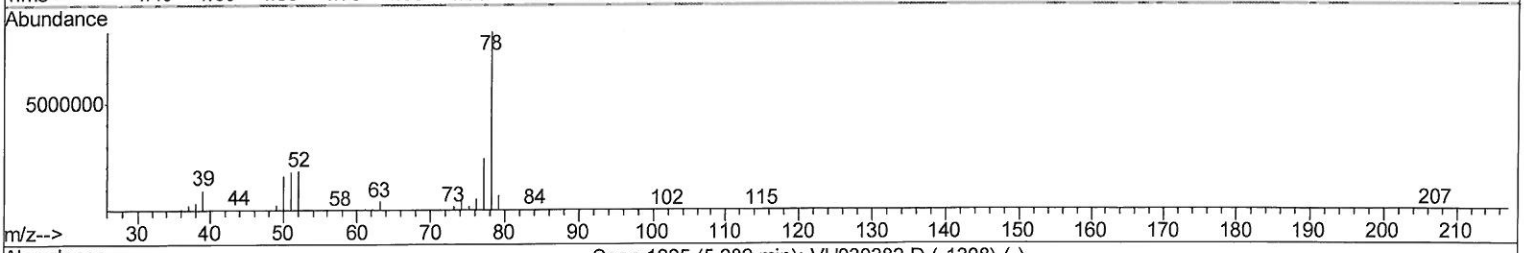

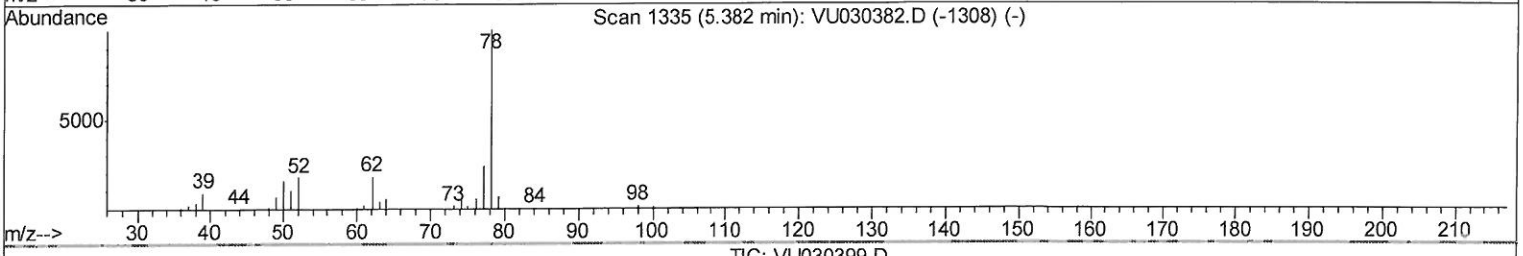

TIC: VU030399.D

(33) Benzene (T)

5.379min (-0.003) 1679.50ug/L m

response 24840140

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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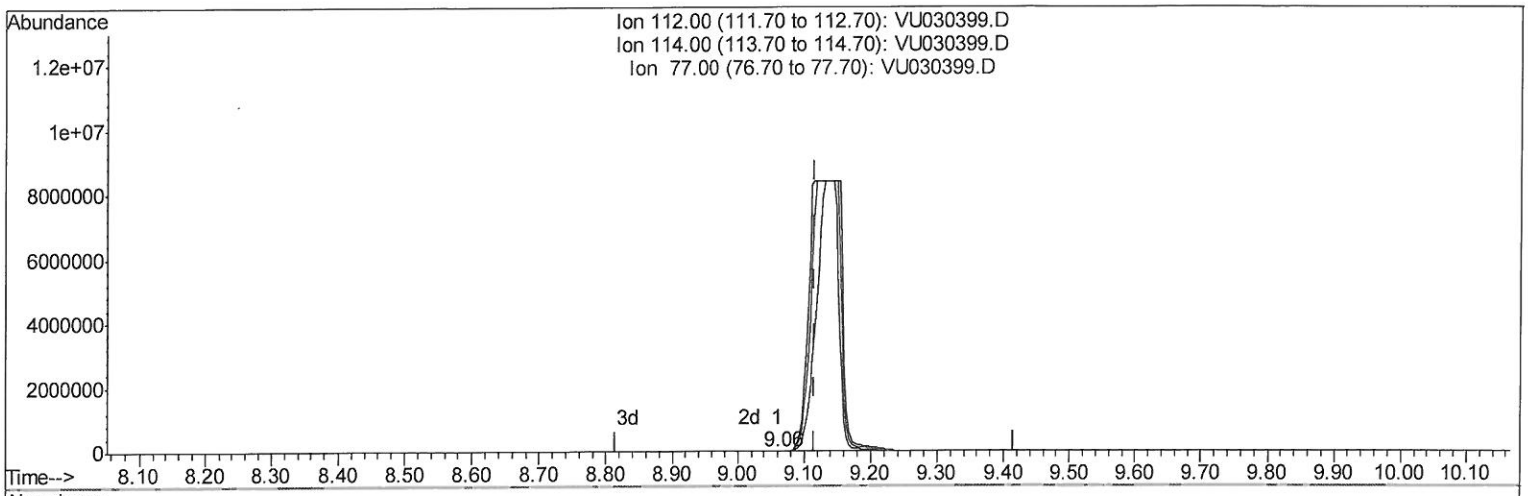

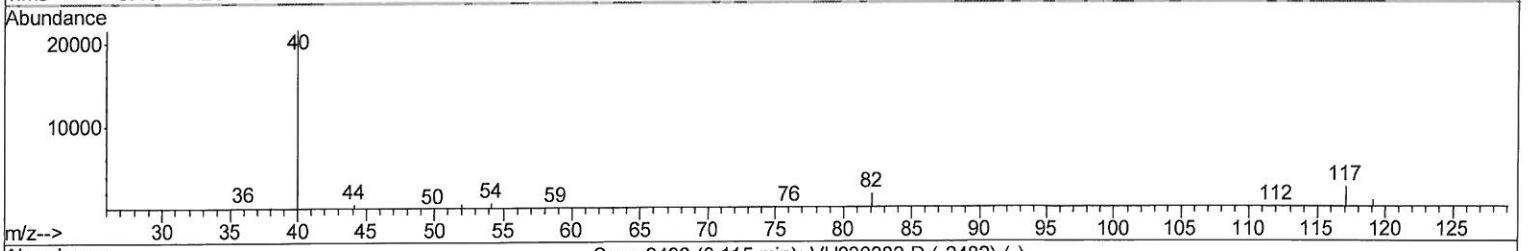

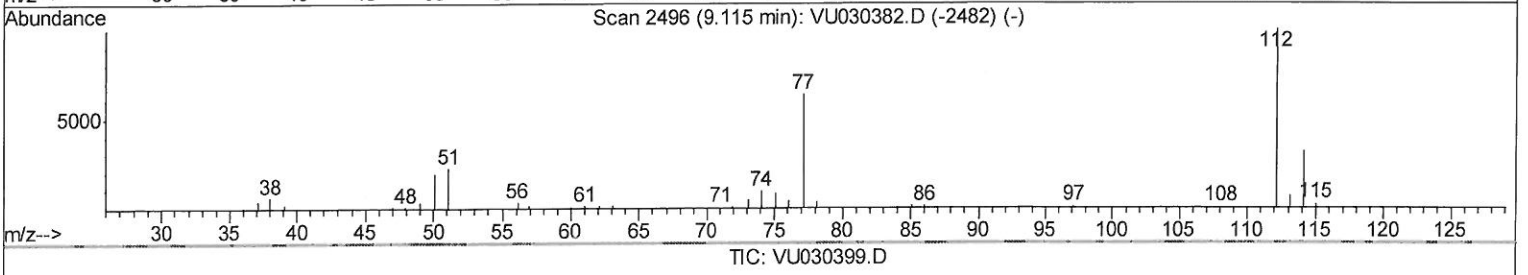

TIC: VU030399.D

(51) Chlorobenzene (T)

9.061min (-0.055) 0.01ug/L

response 72

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Qedit)

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ClientSampleId :
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Manual Integrations APPROVED
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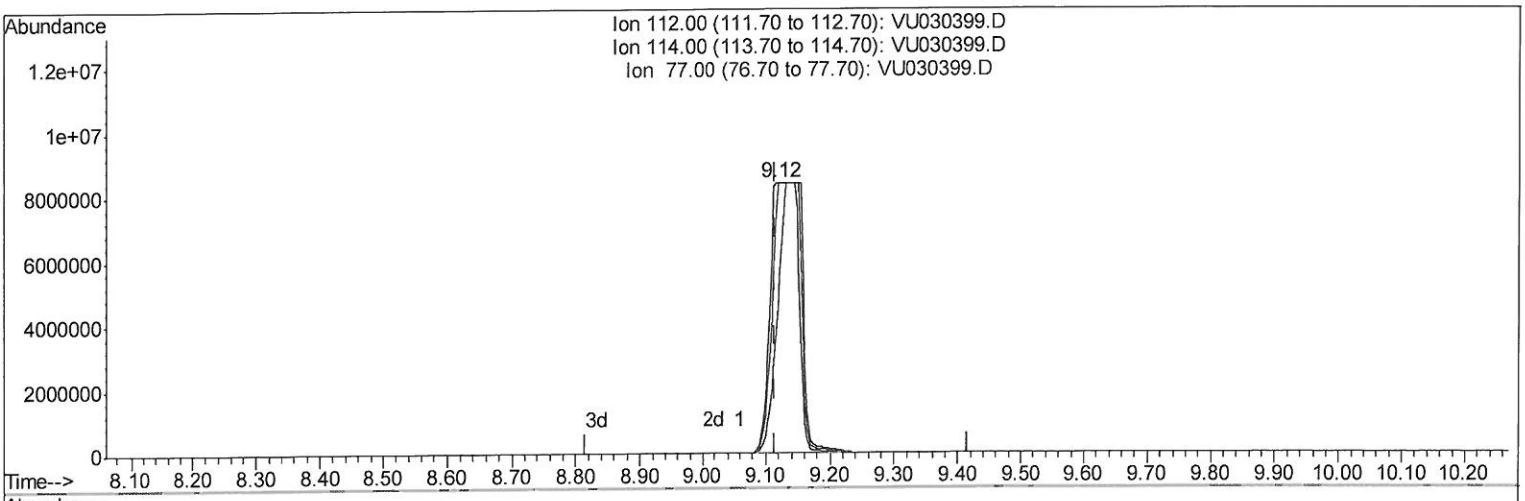

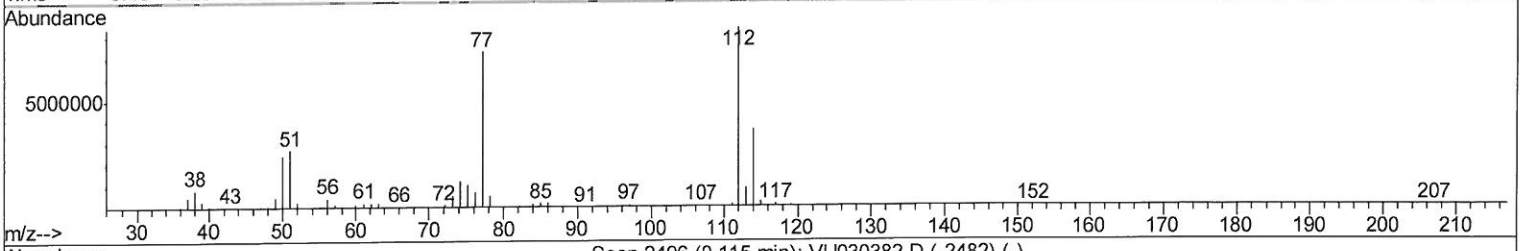

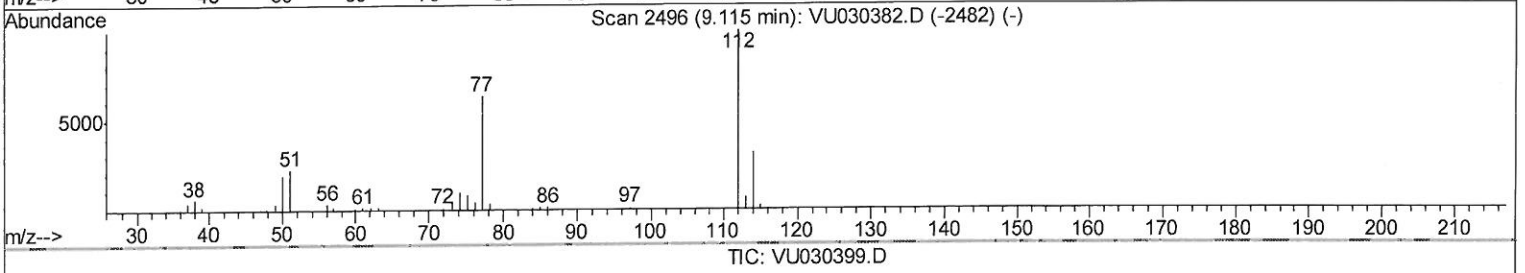

TIC: VU030399.D

(51) Chlorobenzene (T)

9.115min (+0.000) 3047.59ug/L m

response 28351453

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	43.17#
77.00	64.20	87.02#
0.00	0.00	0.00

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

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Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations APPROVED
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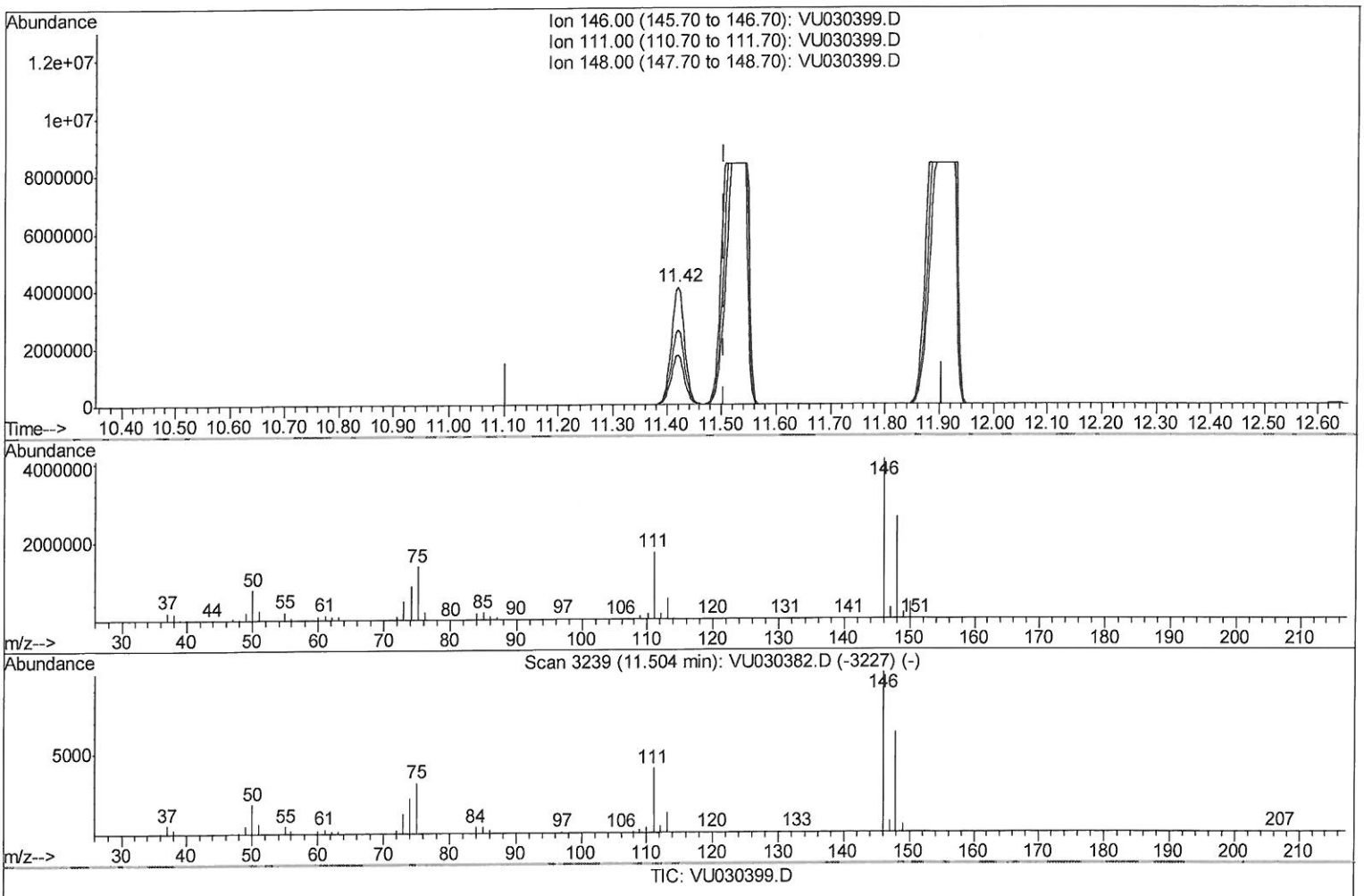

TIC: VU030399.D

(63) 1,4-Dichlorobenzene (T)

11.421min (-0.084) 841.80ug/L

response 6830456

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	42.01
148.00	63.30	63.40
0.00	0.00	0.00

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ALS Vial : 45 Sample Multiplier: 1

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Instrument :
MSVOA_U
ClientSampleId :
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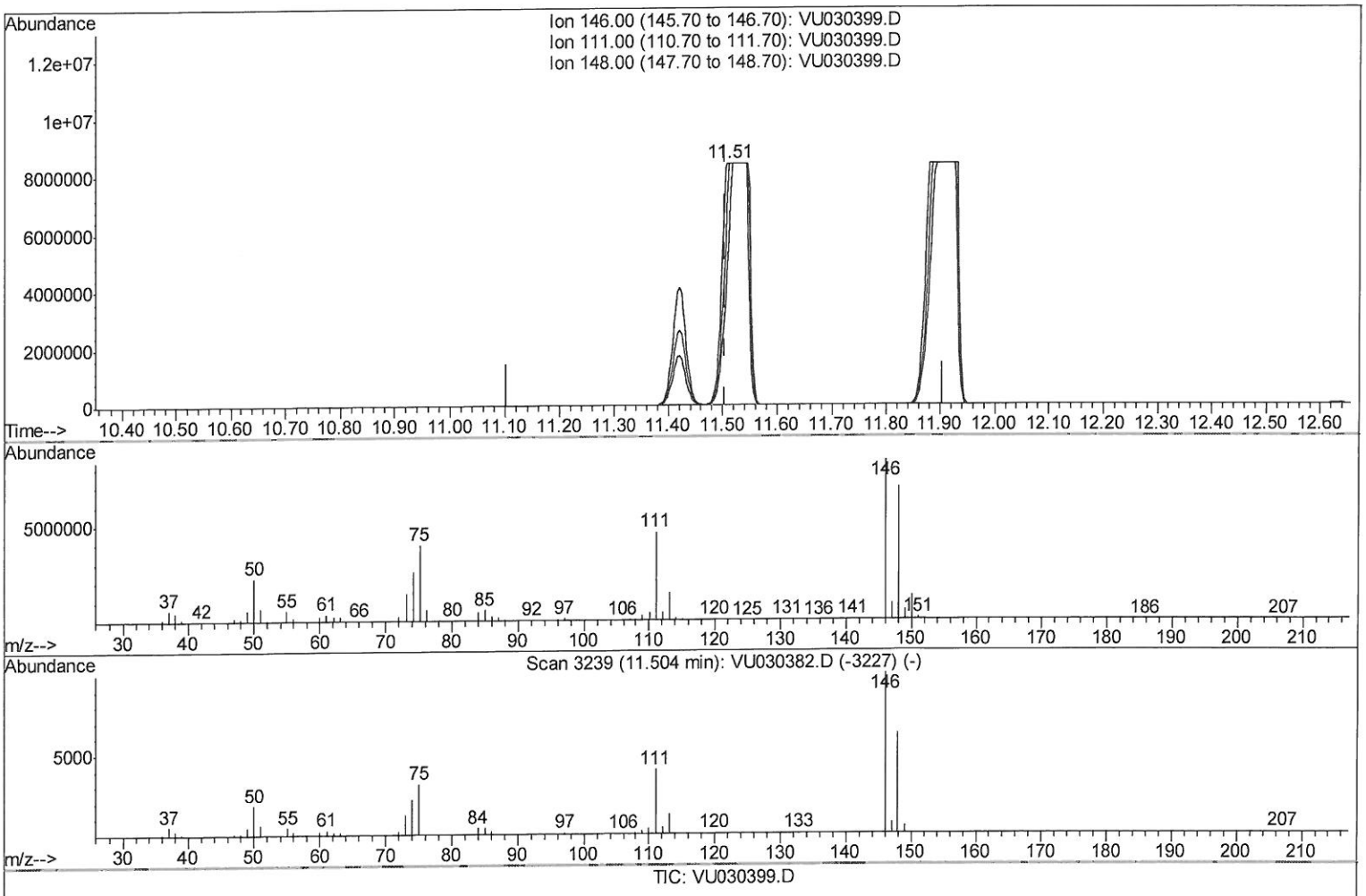

TIC: VU030399.D

(63) 1,4-Dichlorobenzene (T)

11.508min (+0.003) 3505.19ug/L m

response 28441390

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	55.05#
148.00	63.30	82.69#
0.00	0.00	0.00

3/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Qedit)

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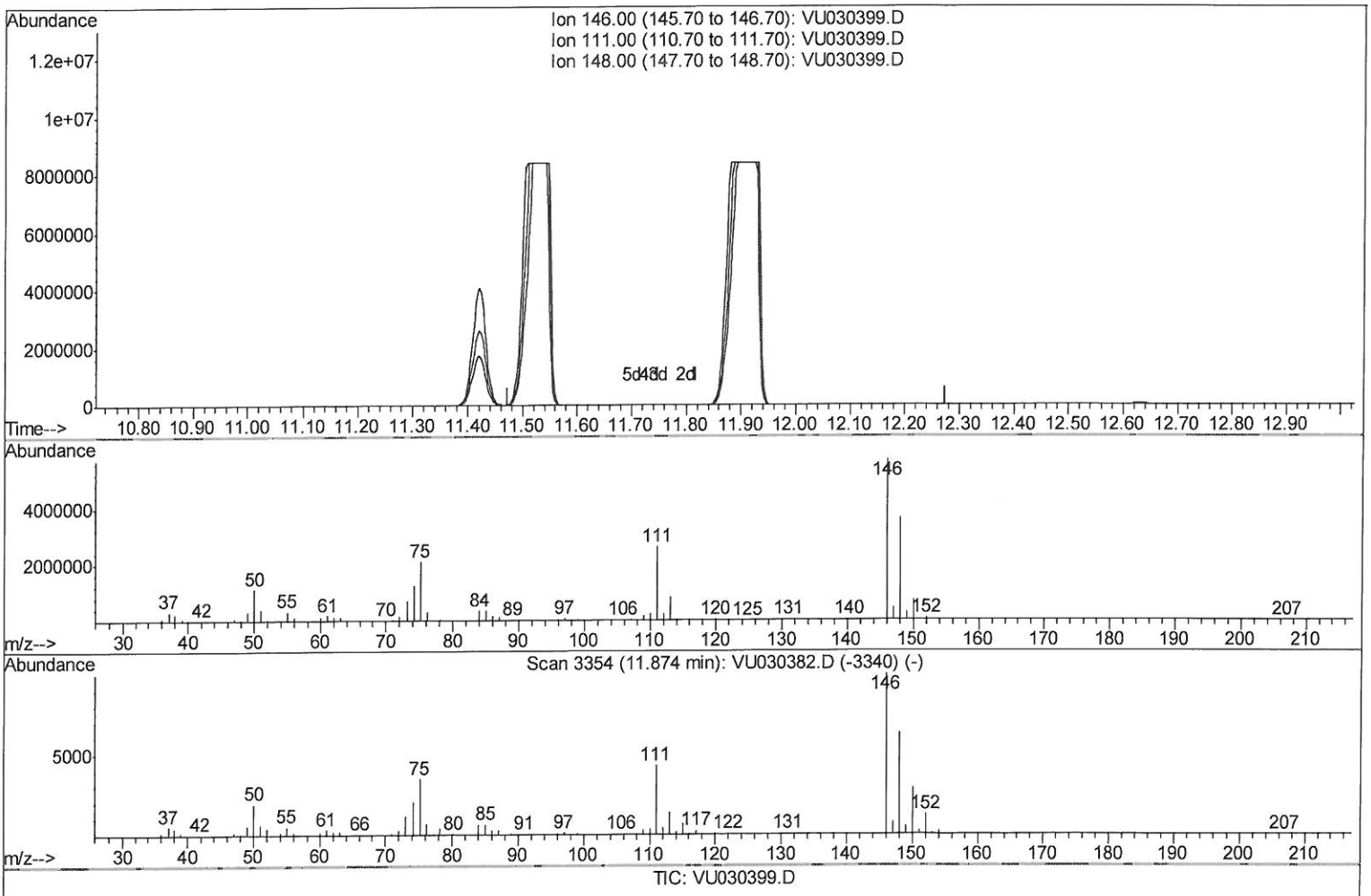
3/25/2019 1:08:50 PM



(65) 1,2-Dichlorobenzene (T)

11.874min (-11.874) 0.00ug/L d

response 0

Ion	Exp%	Act%
146.00	100	0.00
111.00	43.60	0.00
148.00	64.00	0.00
0.00	0.00	0.00

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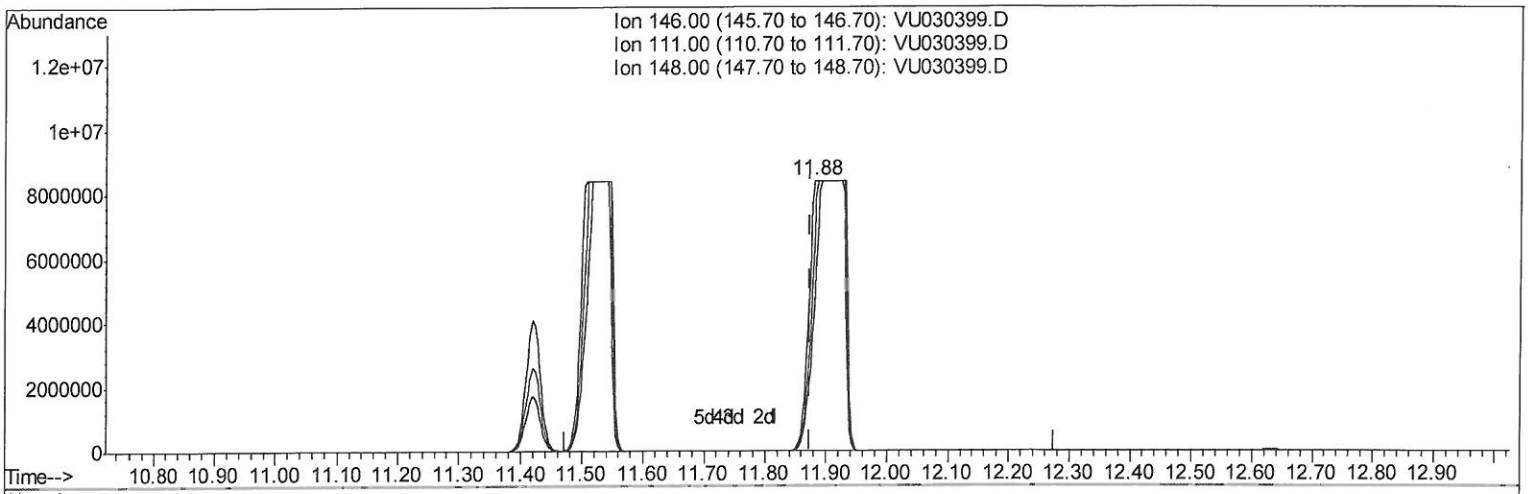

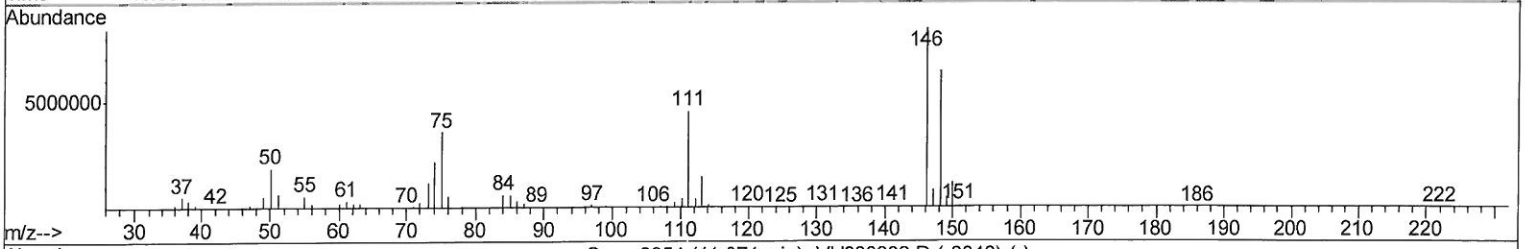

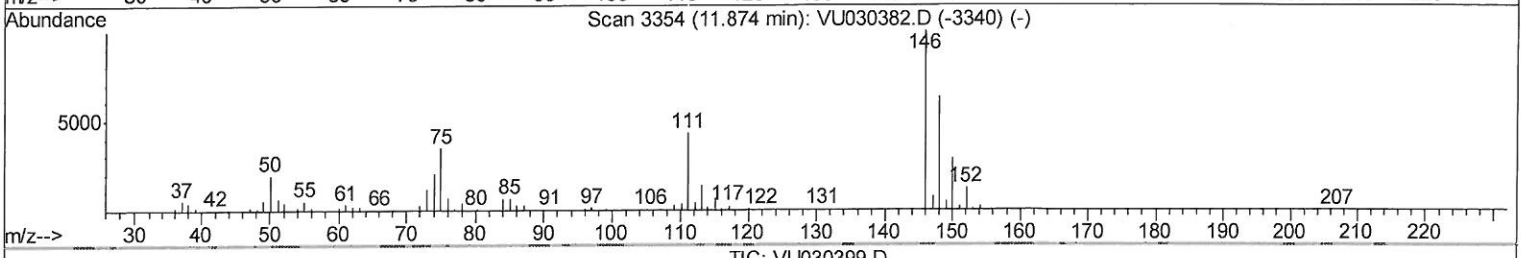

TIC: VU030399.D

(65) 1,2-Dichlorobenzene (T)

11.881min (+0.006) 4198.76ug/L m

response 33462973

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	53.63#
148.00	64.00	75.79
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	437303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	434482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.50	152	241013	50.00	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	117277	33.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.64%		
7) Chloroethane-d5	1.68	69	104281	37.38	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.76%		
11) 1,1-Dichloroethene-d2	2.27	63	181571	27.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.40%#		
21) 2-Butanone-d5	4.17	46	313313	94.70	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.70%		
24) Chloroform-d	4.64	84	271003	44.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.38%		
26) 1,2-Dichloroethane-d4	5.31	65	180215	45.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.84%		
32) Benzene-d6	5.34	84	551322	44.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.50%		
36) 1,2-Dichloropropane-d6	6.33	67	197001	46.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.42%		
41) Toluene-d8	7.56	98	489455	43.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.48%		
43) trans-1,3-Dichloropropene-	7.85	79	84169	41.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.98%		
47) 2-Hexanone-d5	8.31	63	214943	93.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.05%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	275684	45.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.38%		
64) 1,2-Dichlorobenzene-d4	11.89	152	243557	50.44	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.88%		

Target Compounds						Qvalue
13) Acetone	2.32	43	14543	4.347	ug/L	98
25) Chloroform	4.67	83	86993	13.586	ug/L	96
29) Cyclohexane	4.99	56	13837	2.104	ug/L	97
31) Carbon tetrachloride	5.13	117	77508	17.189	ug/L	99
33) Benzene	5.38	78	24840140m	1679.498	ug/L	
35) Methylcyclohexane	6.41	83	7840	1.310	ug/L #	76
42) Toluene	7.64	91	7109	0.463	ug/L	91
46) Tetrachloroethene	8.23	164	2495	0.982	ug/L	82
51) Chlorobenzene	9.12	112	28351453m	3047.594	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	6830456	866.614	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	28441390m	3505.188	ug/L	
65) 1,2-Dichlorobenzene	11.88	146	33462973m	4198.762	ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	6391	1.083	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	12693940	2476.001	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	3397989	627.670	ug/L	99

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

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

Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations APPROVED
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