Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

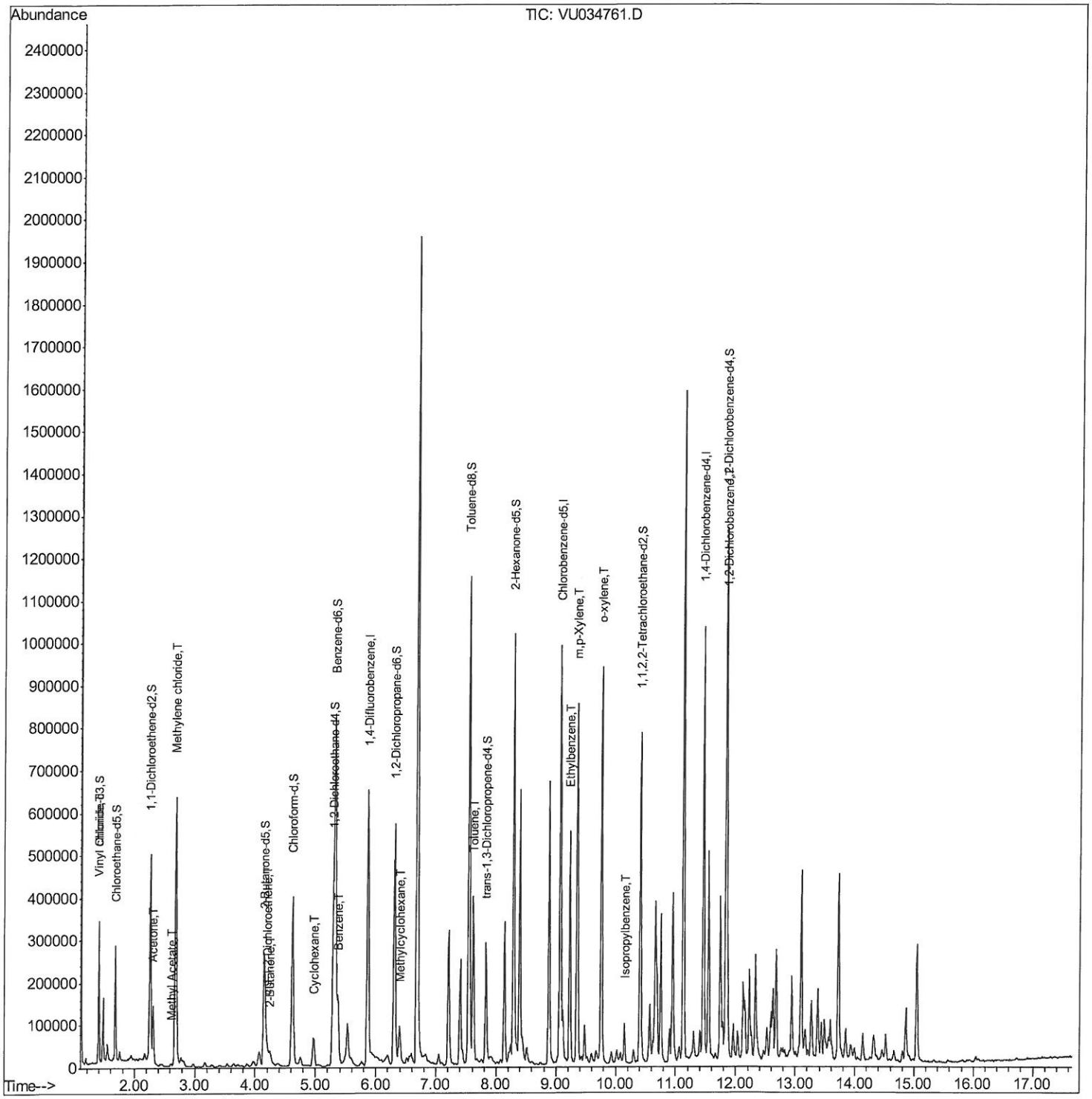
Quantitation Report (QT Reviewed)

Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 24 06:46:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDE9

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:48:52 PM



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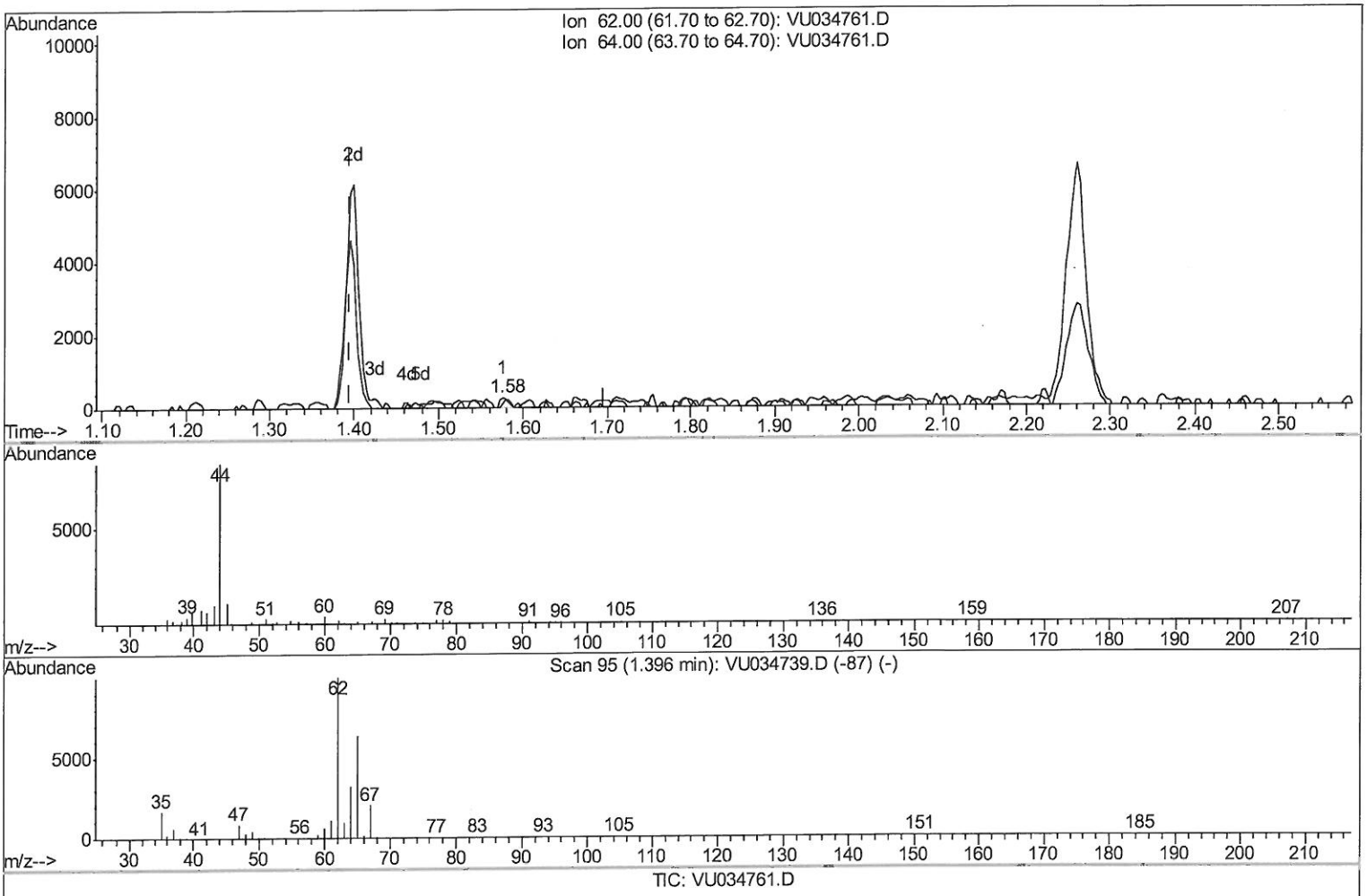

TIC: VU034761.D

(5) Vinyl chloride (T)

1.576min (+0.180) 0.03ug/L

response 192

Ion	Exp%	Act%
62.00	100	100
64.00	31.70	40.64
0.00	0.00	0.00
0.00	0.00	0.00

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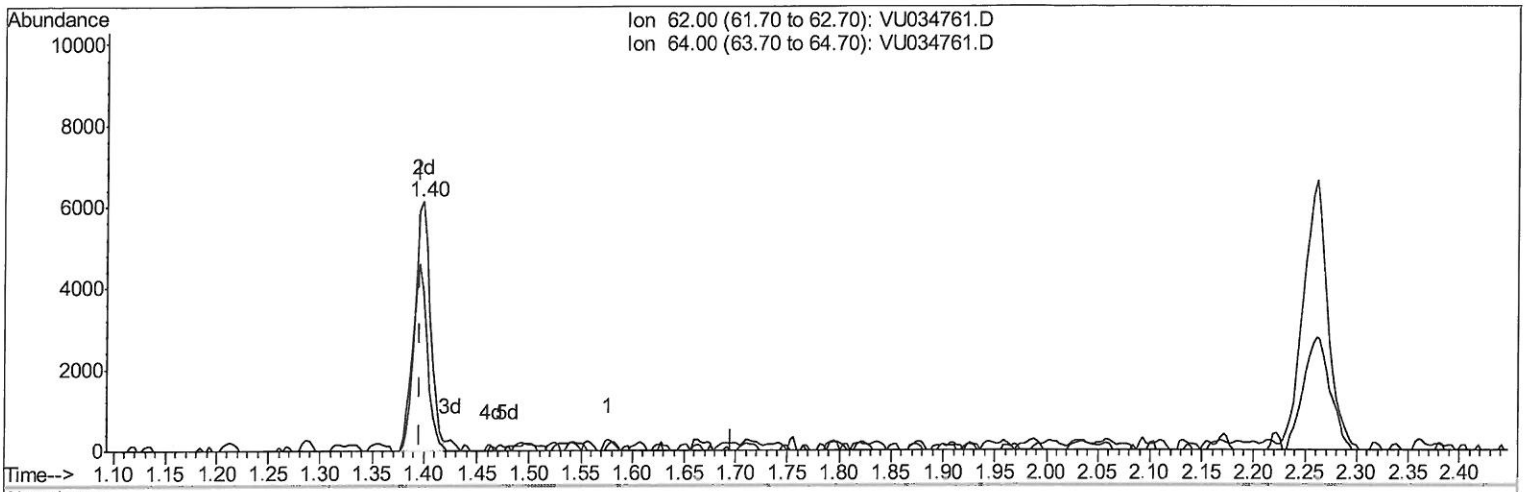

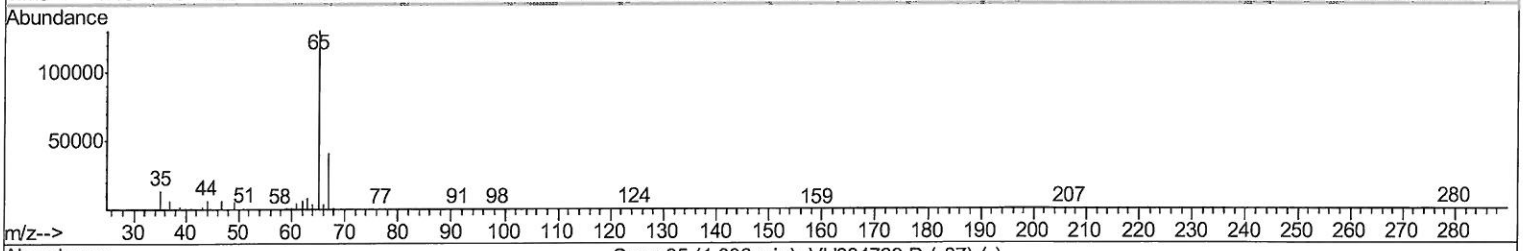

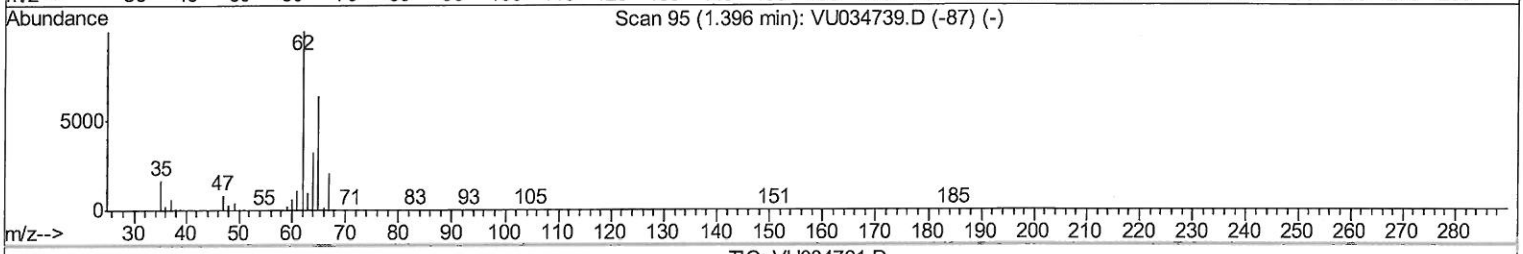

TIC: VU034761.D

(5) Vinyl chloride (T)

1.399min (+0.003) 1.13ug/L m

response 6369

Ion	Exp%	Act%
62.00	100	100
64.00	31.70	64.48#
0.00	0.00	0.00
0.00	0.00	0.00

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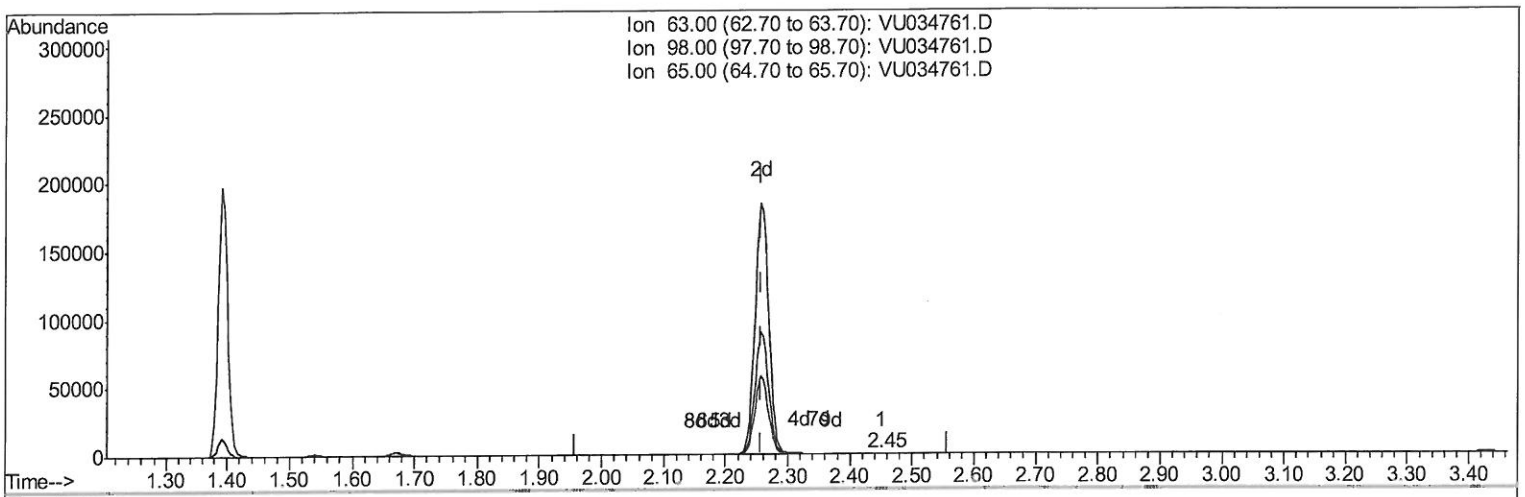

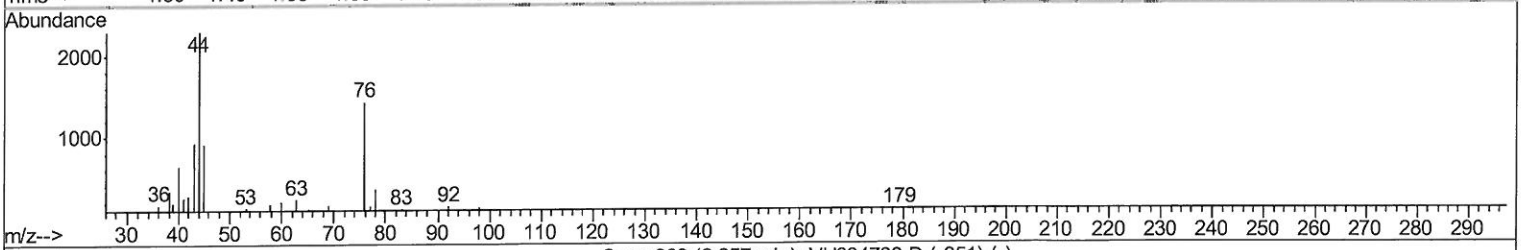

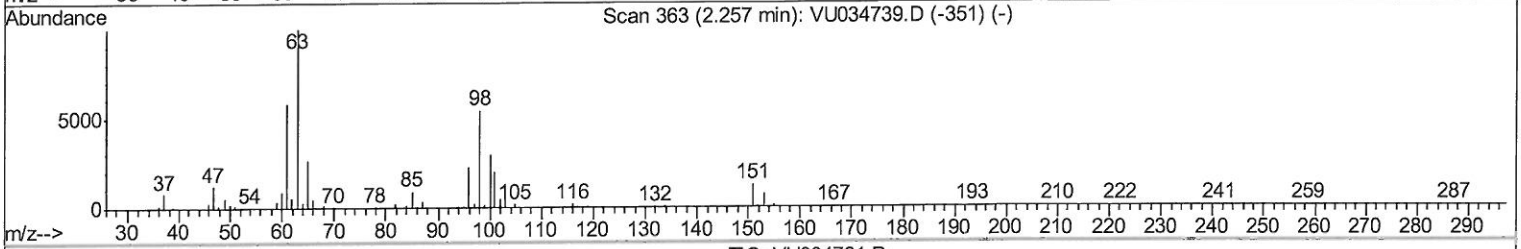

TIC: VU034761.D

(11) 1,1-Dichloroethene-d2 (S)

2.450min (+0.193) 0.02ug/L

response 206

Ion	Exp%	Act%
63.00	100	100
98.00	57.60	67.96
65.00	24.00	31.07
0.00	0.00	0.00

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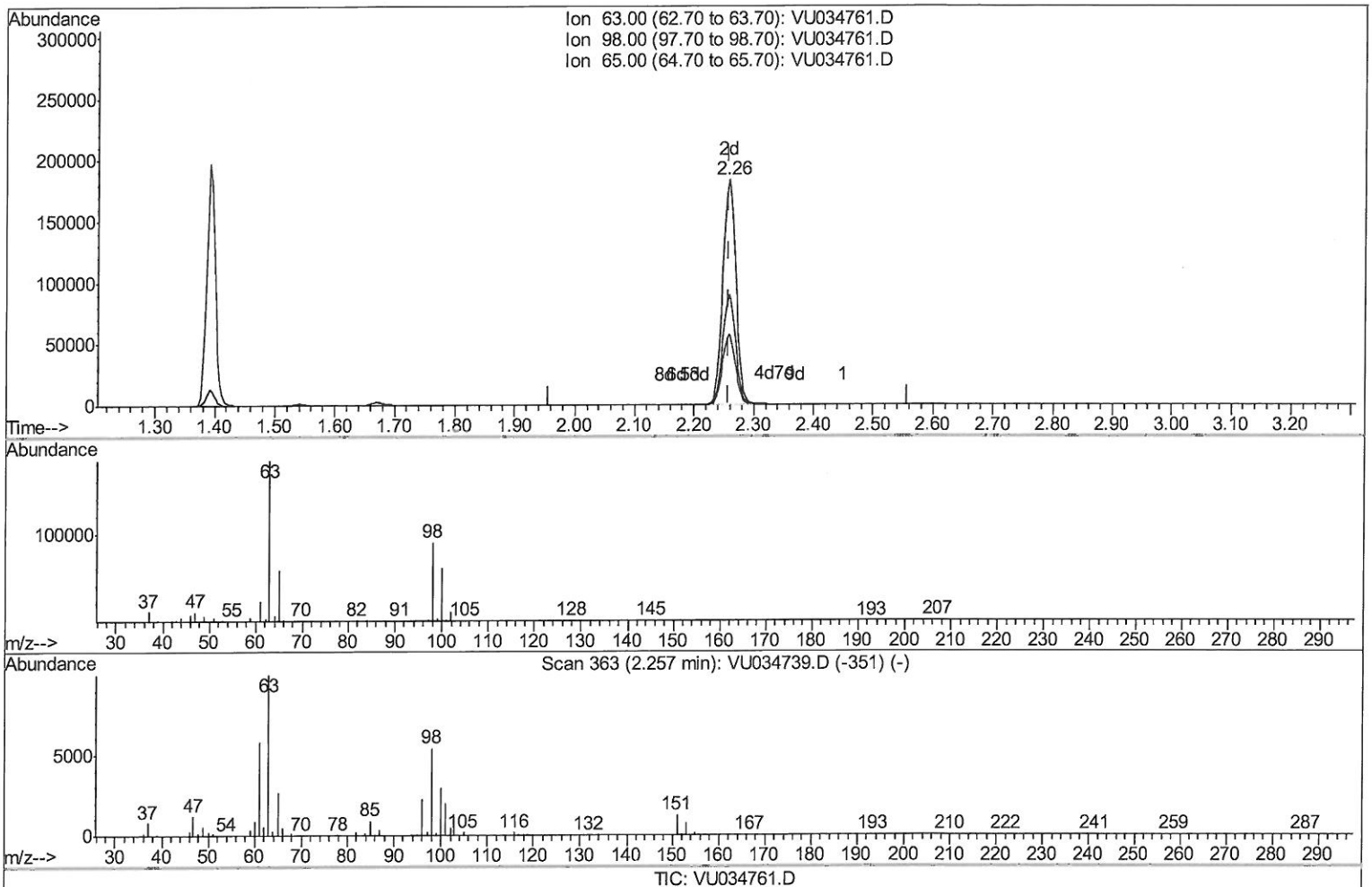

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(11) 1,1-Dichloroethene-d2 (S)

2.257min (+0.000) 32.71ug/L m

response 282497

Ion	Exp%	Act%
63.00	100	100
98.00	57.60	0.05#
65.00	24.00	0.02#
0.00	0.00	0.00

MD 10/04/19.

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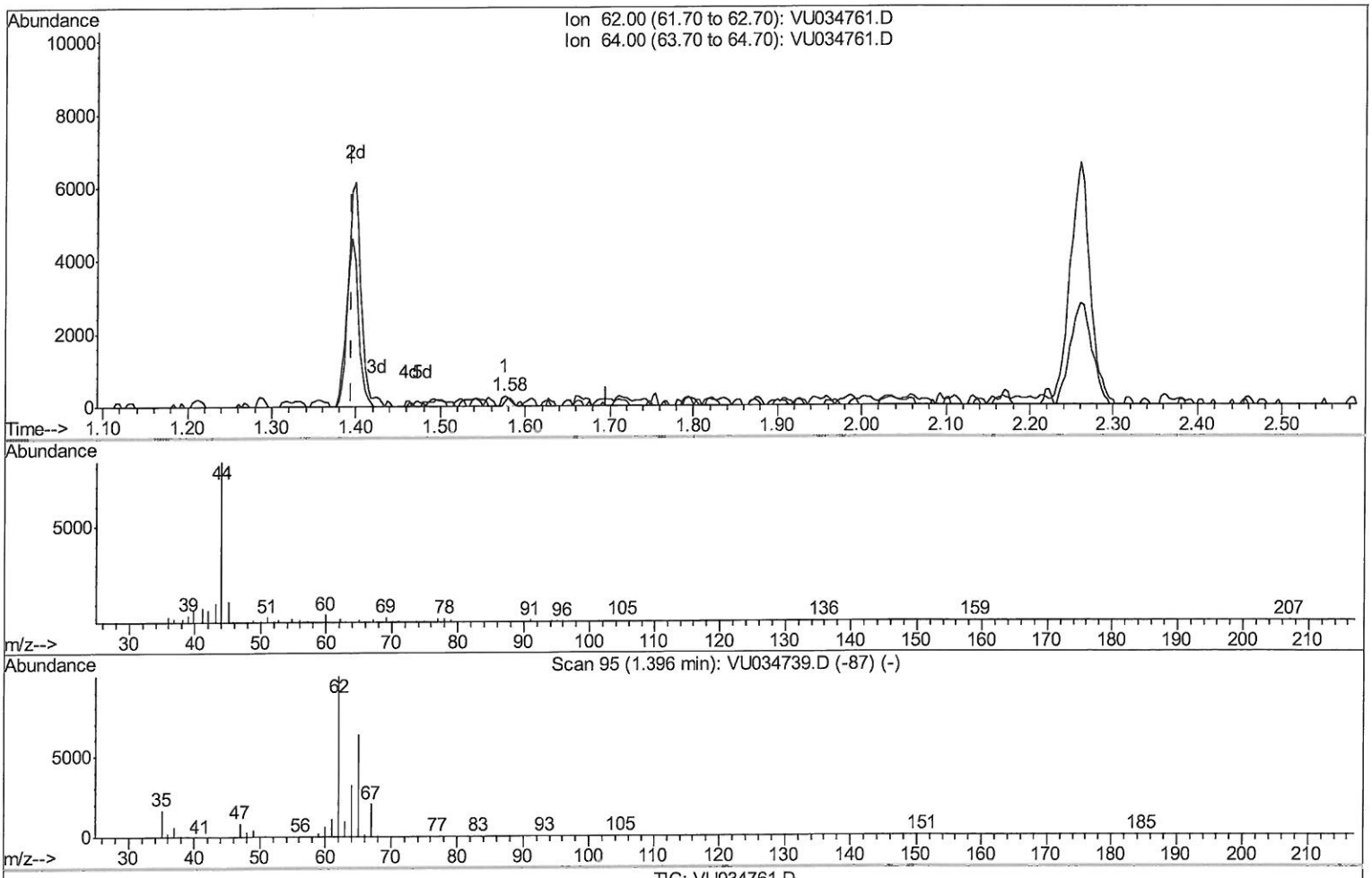

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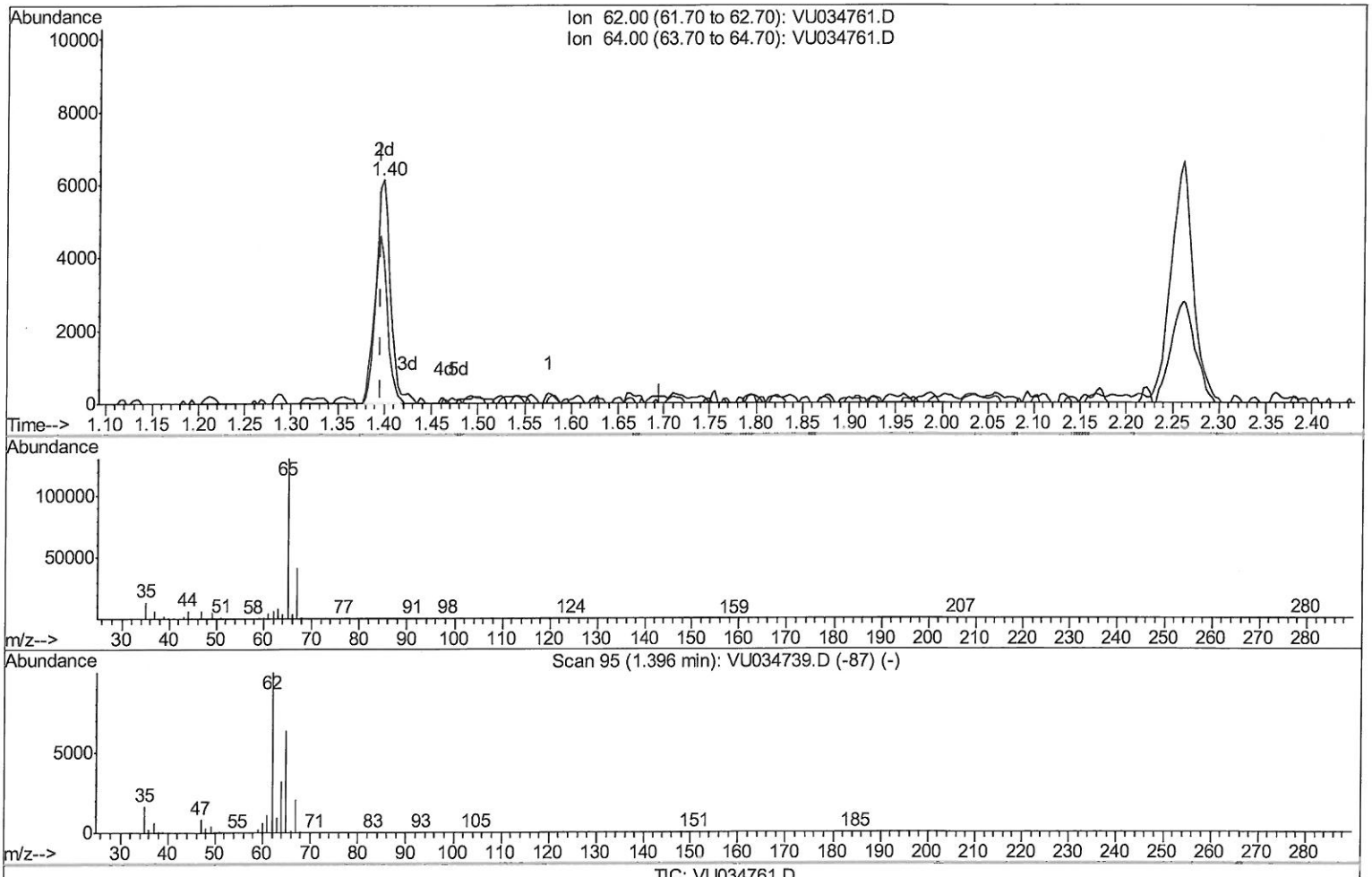

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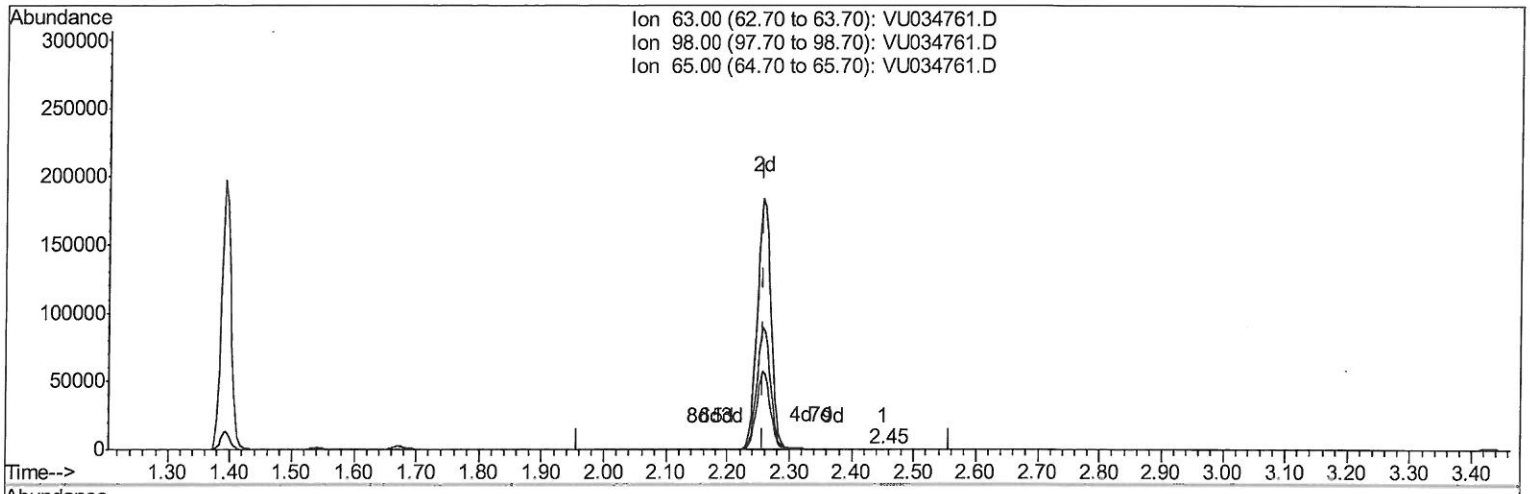

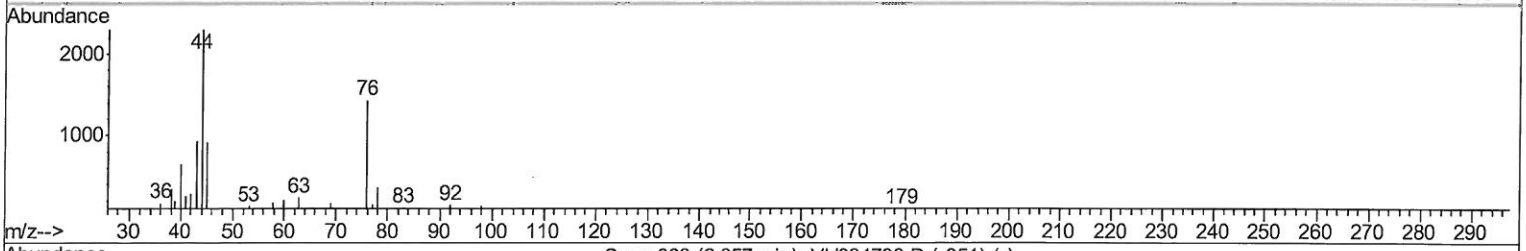

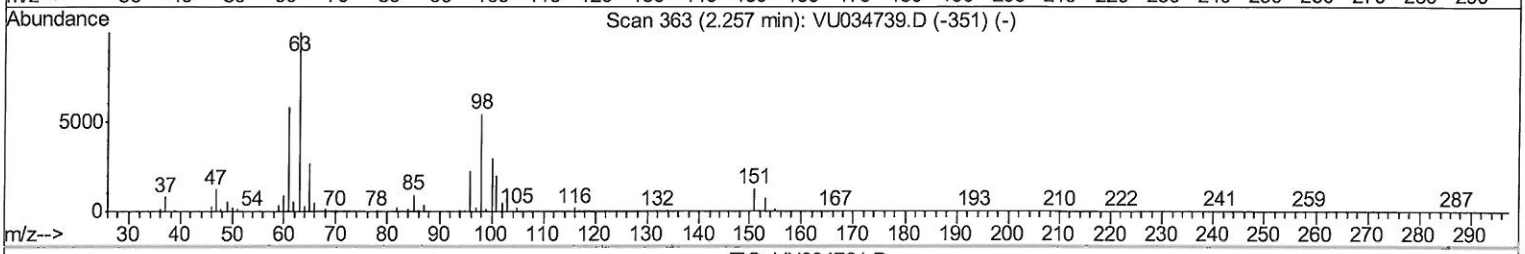

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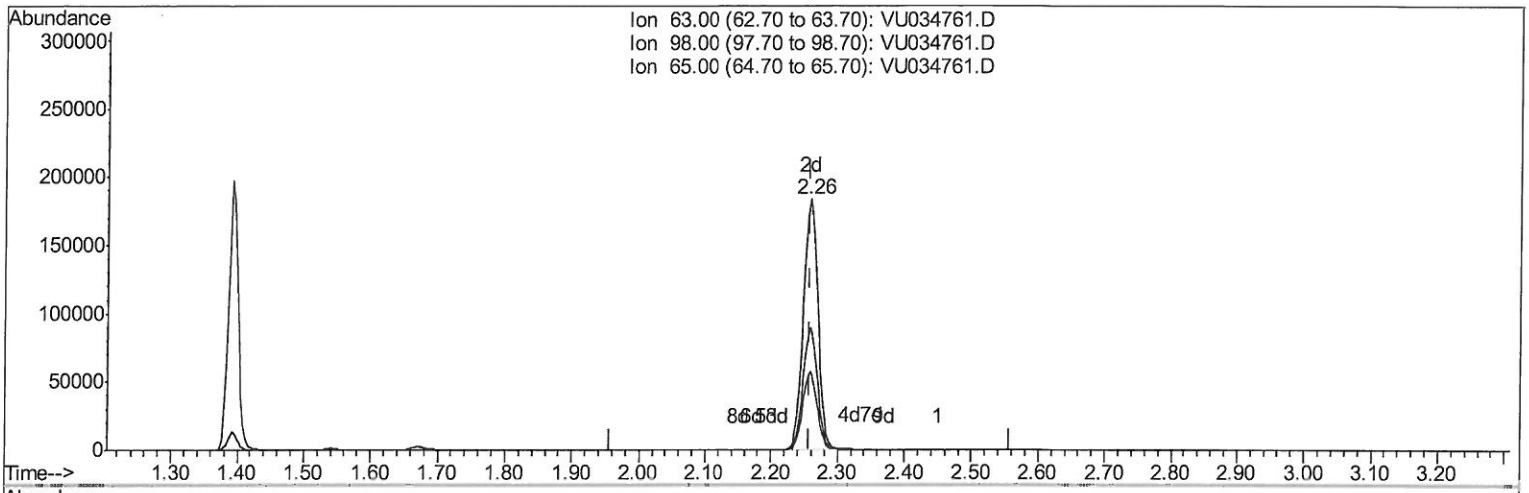

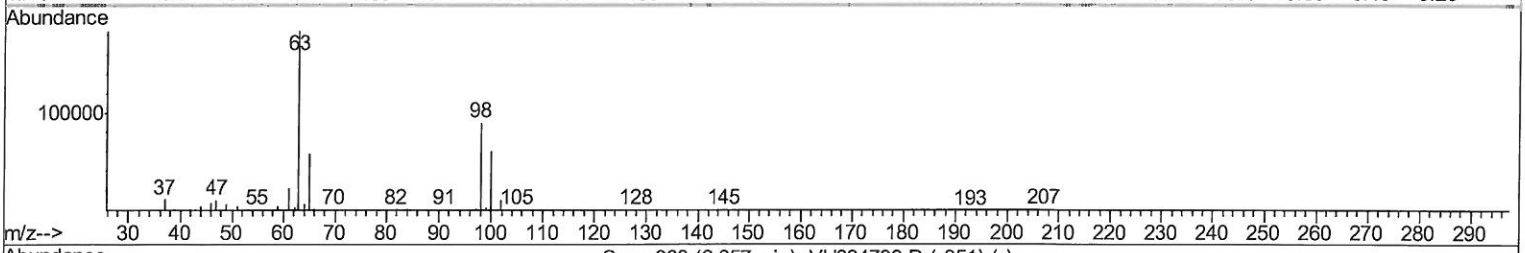

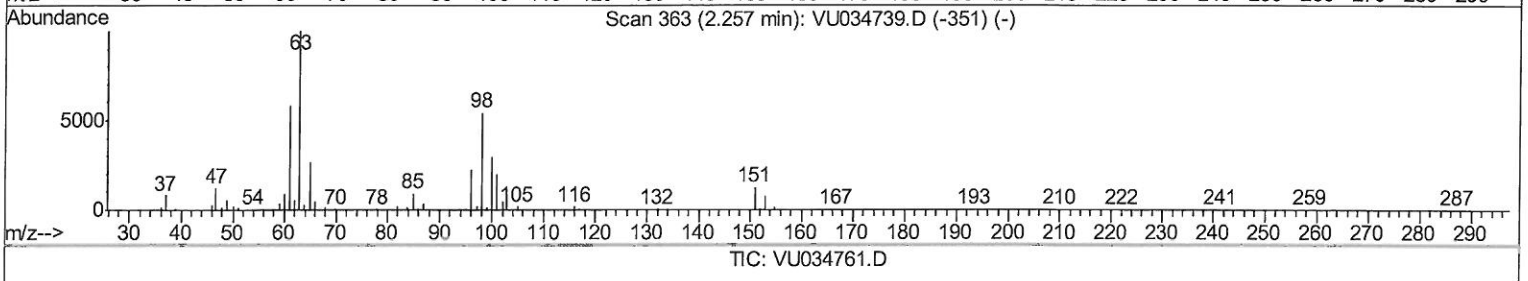

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2.257min (+0.000) 32.71ug/L m

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JMD 10/04/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	498190	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	481026	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	231177	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	199804	39.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.36%			
7) Chloroethane-d5	1.67	69	171745	43.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.14%			
11) 1,1-Dichloroethene-d2	2.26	63	282497m	32.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.42%			
21) 2-Butanone-d5	4.15	46	464131	118.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.74%			
24) Chloroform-d	4.62	84	363919	49.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.16%			
26) 1,2-Dichloroethane-d4	5.28	65	267278	49.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.08%			
32) Benzene-d6	5.32	84	738083	49.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.31	67	267817	51.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.78%			
41) Toluene-d8	7.54	98	706550	49.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.62%			
43) trans-1,3-Dichloropropene-	7.83	79	115457	46.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.52%			
47) 2-Hexanone-d5	8.29	63	300674	114.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.88%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	363231	50.23	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.46%			
64) 1,2-Dichlorobenzene-d4	11.84	152	256613	52.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.88%			

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Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	6369m	1.134	ug/L	
13) Acetone	2.31	43	149685	32.920	ug/L	100
15) Methyl Acetate	2.61	43	6944	1.143	ug/L #	72
16) Methylene chloride	2.68	84	241141	58.404	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	11356	2.725	ug/L	99
22) 2-Butanone	4.25	43	49654	9.179	ug/L	99
29) Cyclohexane	4.97	56	32113	4.045	ug/L	99
33) Benzene	5.37	78	140385	8.415	ug/L	100
35) Methylcyclohexane	6.39	83	28028	4.009	ug/L	98
42) Toluene	7.61	91	269312	14.937	ug/L	96
52) Ethylbenzene	9.23	91	361468	17.803	ug/L	99
53) m,p-Xylene	9.35	106	217512	30.247	ug/L	97
54) o-xylene	9.76	106	209898	29.510	ug/L	99
56) Isopropylbenzene	10.14	105	55882	2.914	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	58074	7.179	ug/L	97

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

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

Instrument :
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ClientSampleId :
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