Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092118\
Data File : VU026940.D
Acq On : 20 Sep 2018 15:48
Operator : MD/SY
Sample : J4893-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 21 15:33:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Manual Integrations APPROVED
sam
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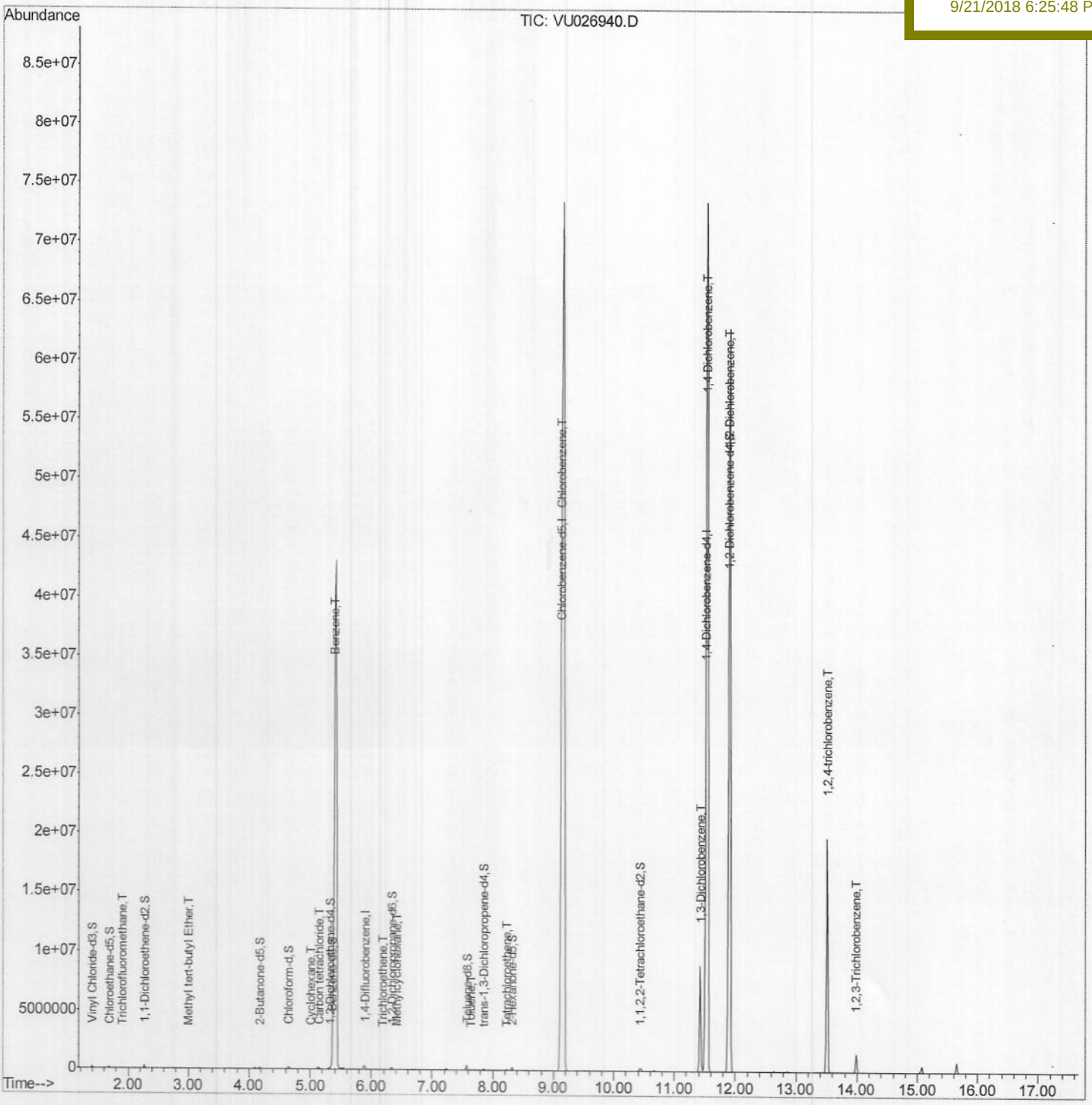

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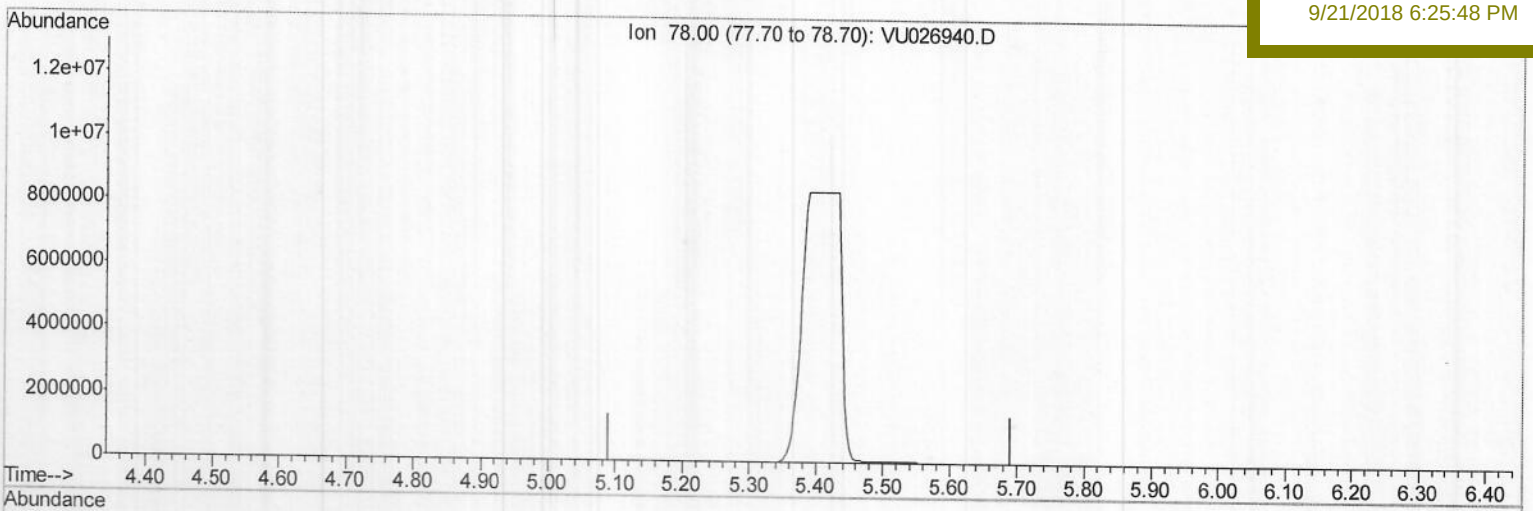

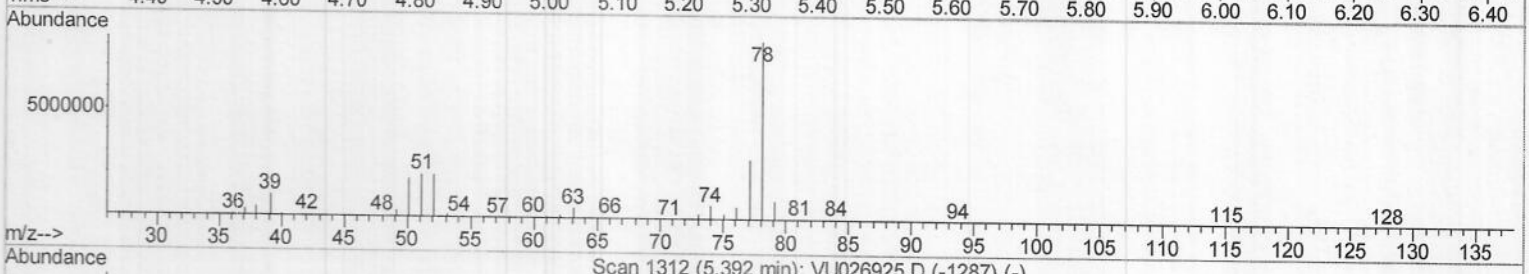

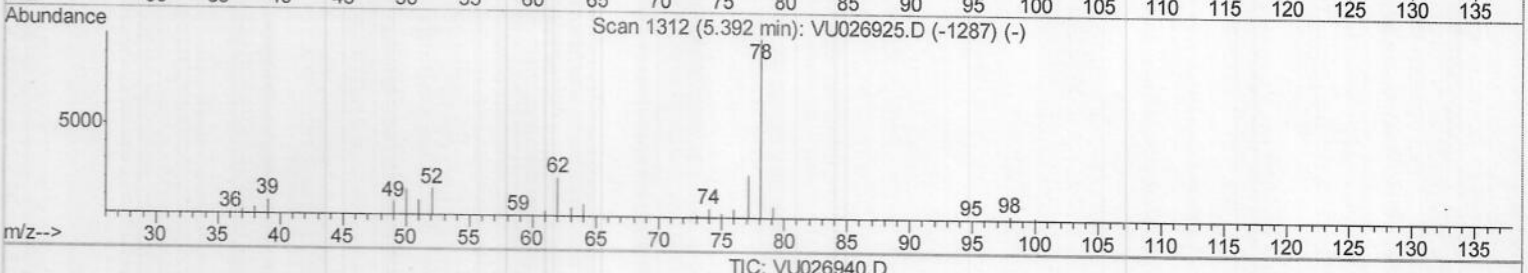

TIC: VU026940.D

(33) Benzene (T)

5.392min (-5.392) 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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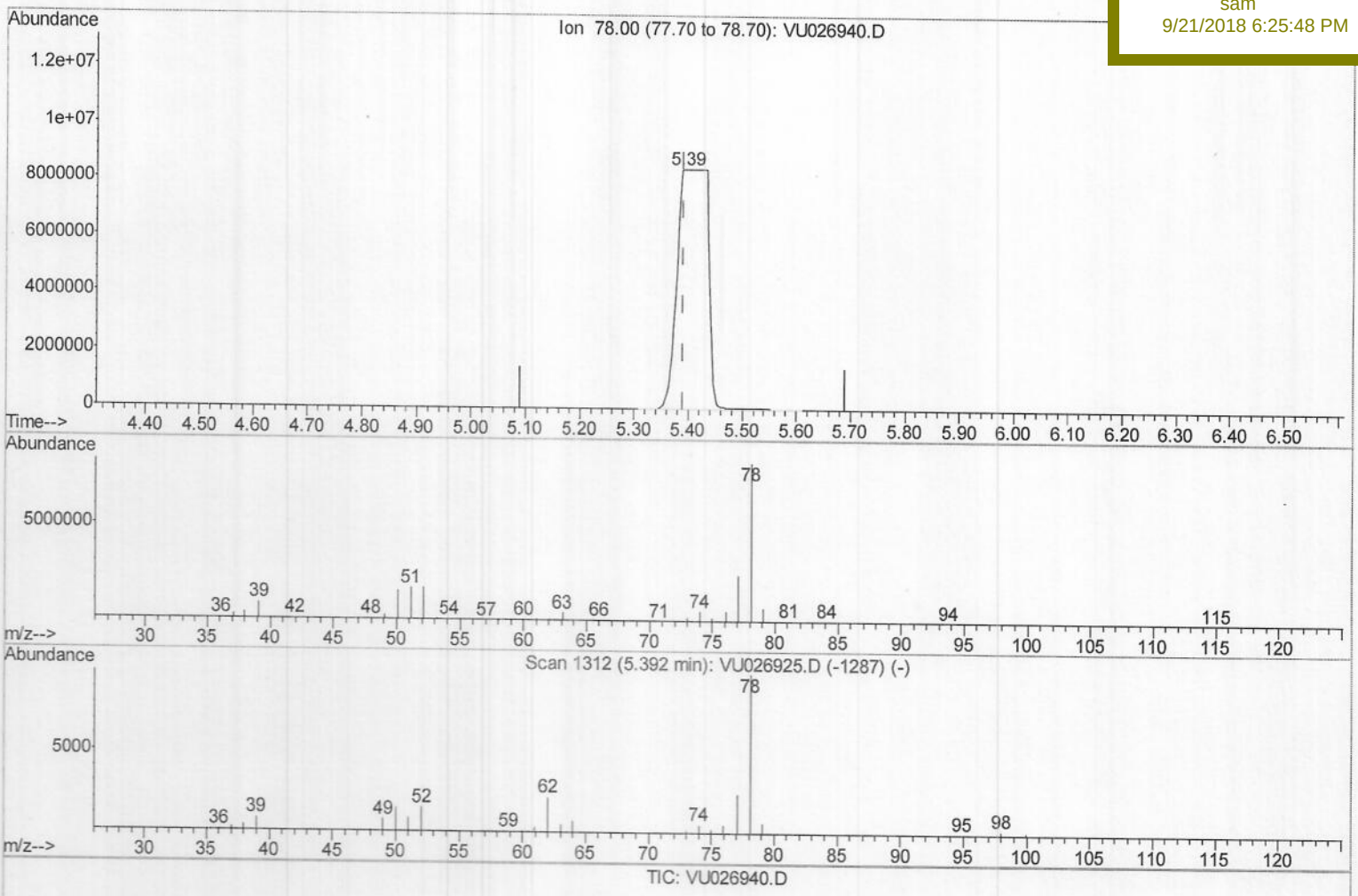

(33) Benzene (T)

5.389min (-0.003) 3777.68ug/L m > MD 9/28/18

response 33106192

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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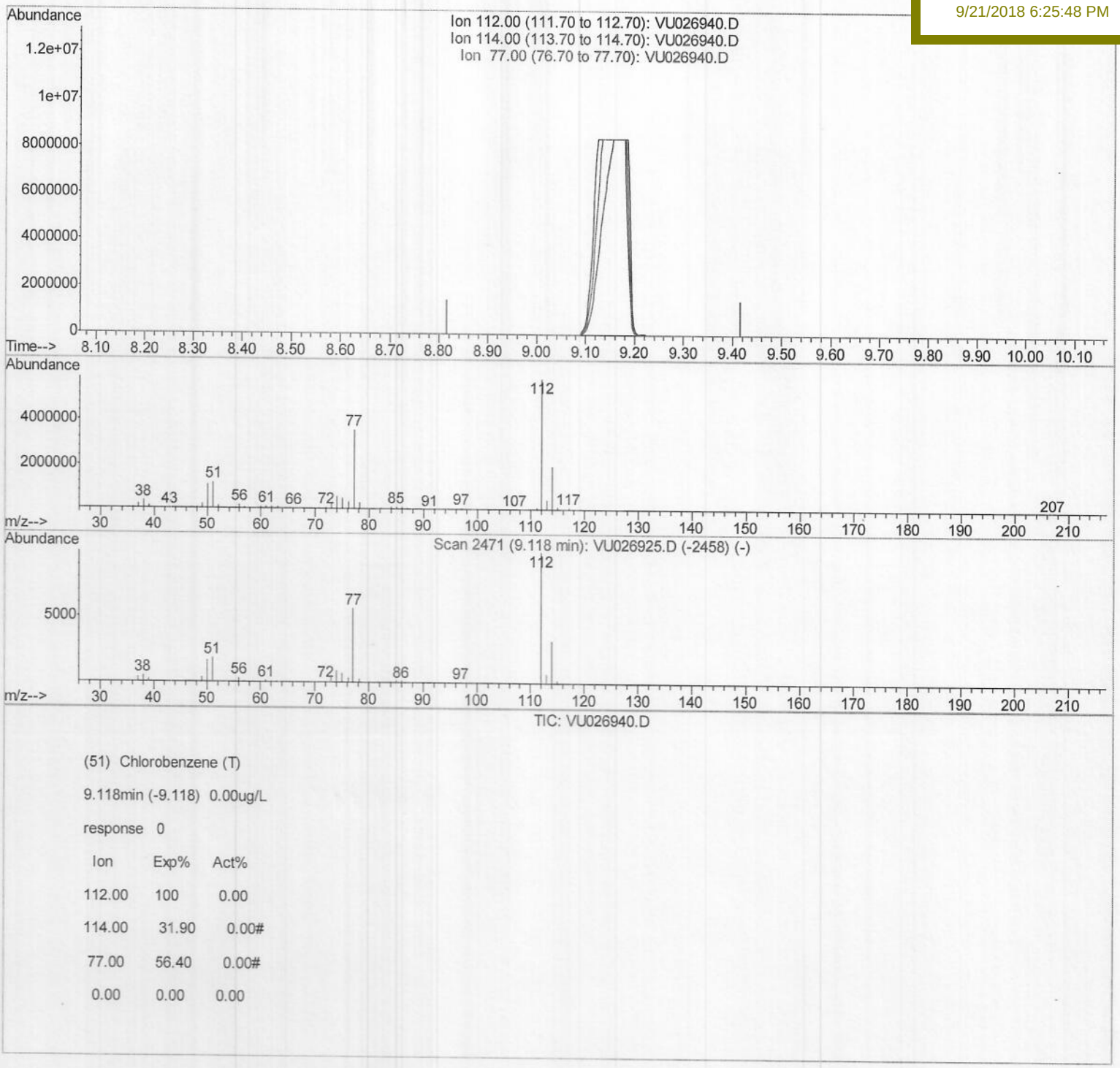

(51) Chlorobenzene (T)

9.118min (-9.118) 0.00ug/L

response 0

Ion	Exp%	Act%
112.00	100	0.00
114.00	31.90	0.00#
77.00	56.40	0.00#
0.00	0.00	0.00

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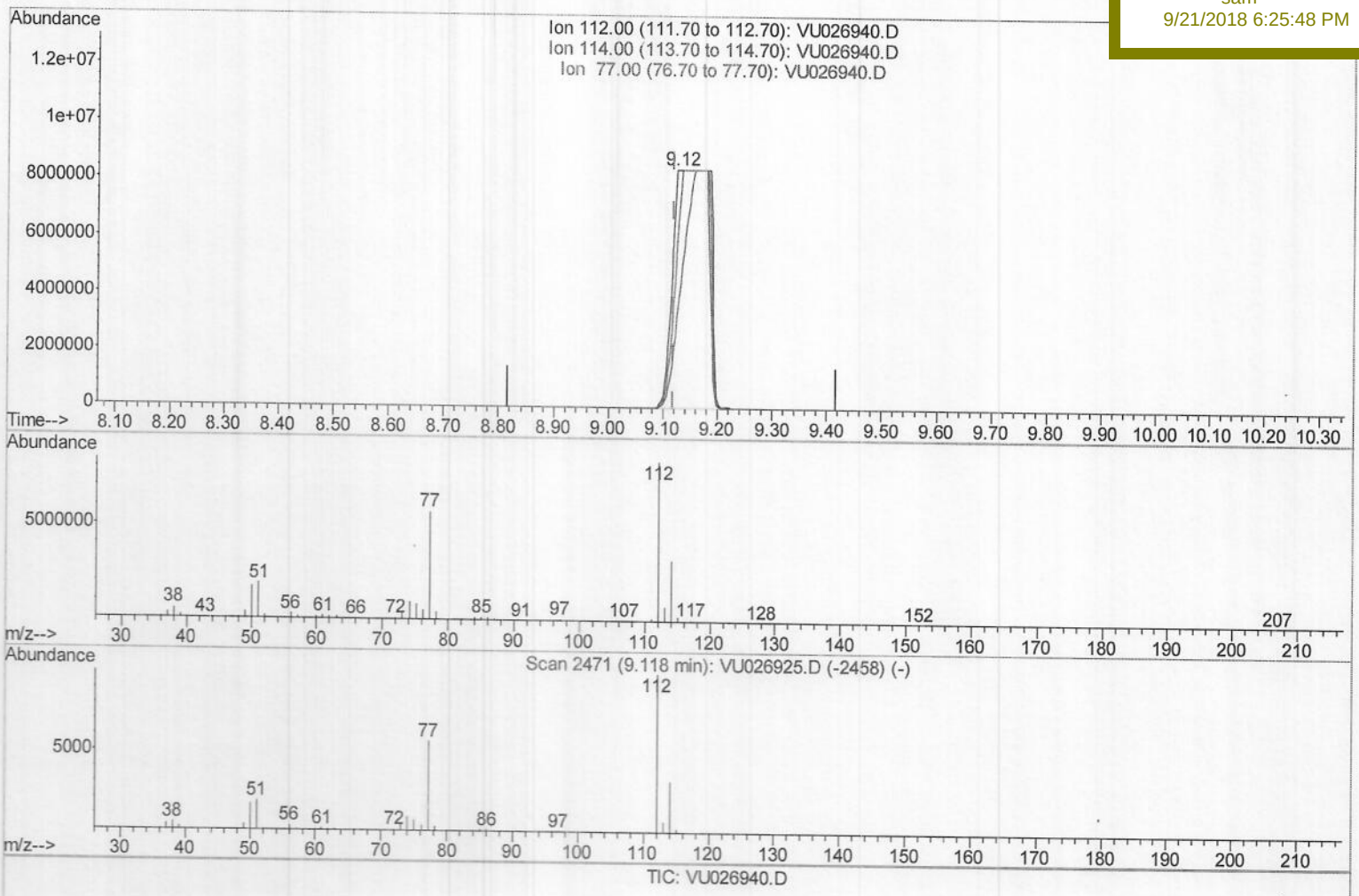

TIC: VU026940.D

(51) Chlorobenzene (T)

9.125min (+0.007) 6579.28ug/L m MD 9/28/18

response 39591580

Ion	Exp%	Act%
112.00	100	100
114.00	31.90	38.11
77.00	56.40	67.81#
0.00	0.00	0.00

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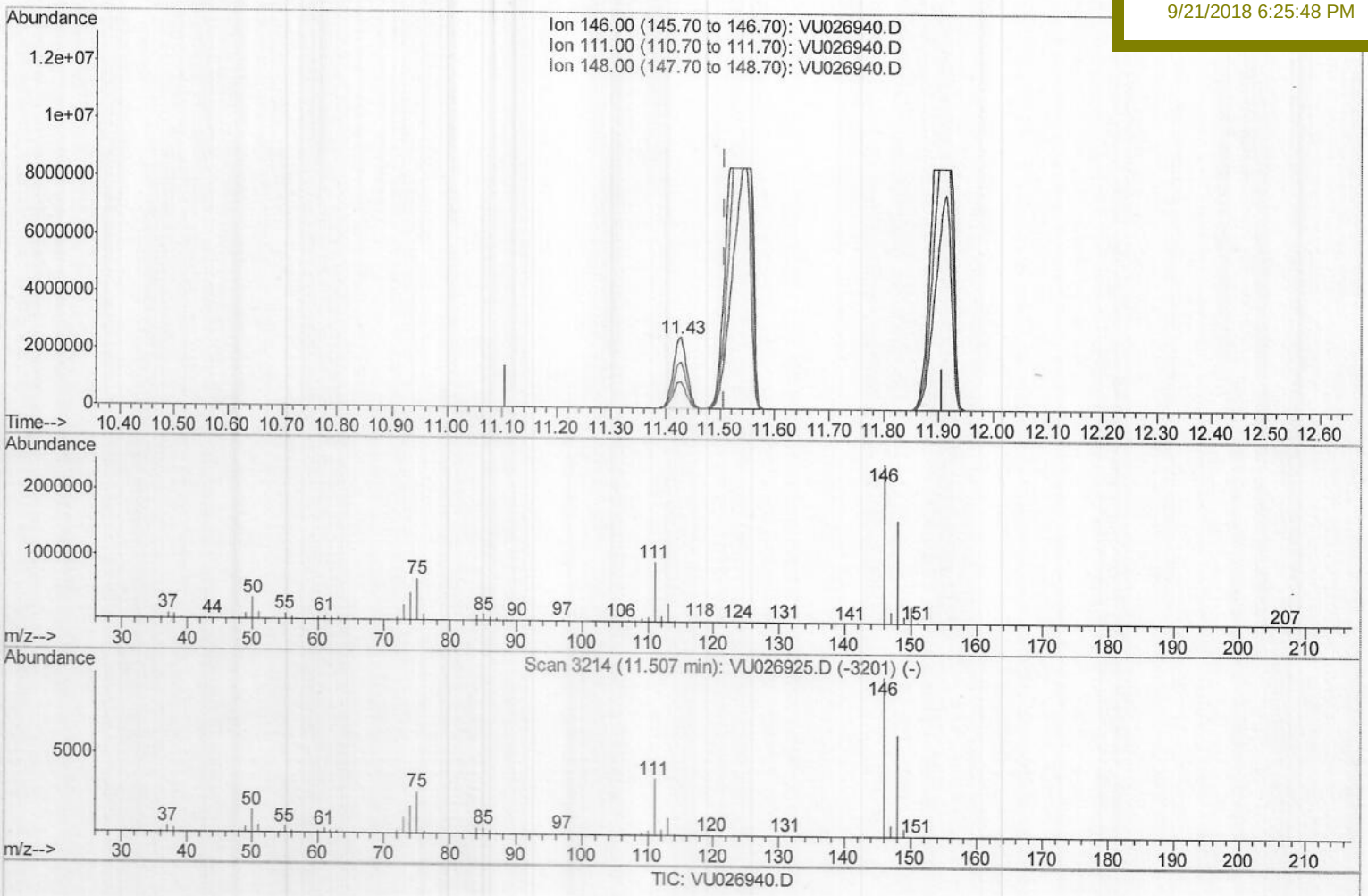

TIC: VU026940.D

(63) 1,4-Dichlorobenzene (T)

11.427min (-0.080) 684.21ug/L

response 4221397

Ion	Exp%	Act%
146.00	100	100
111.00	37.10	37.42
148.00	65.50	64.39
0.00	0.00	0.00

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Instrument :
MSVOA_U
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Manual Integrations APPROVED
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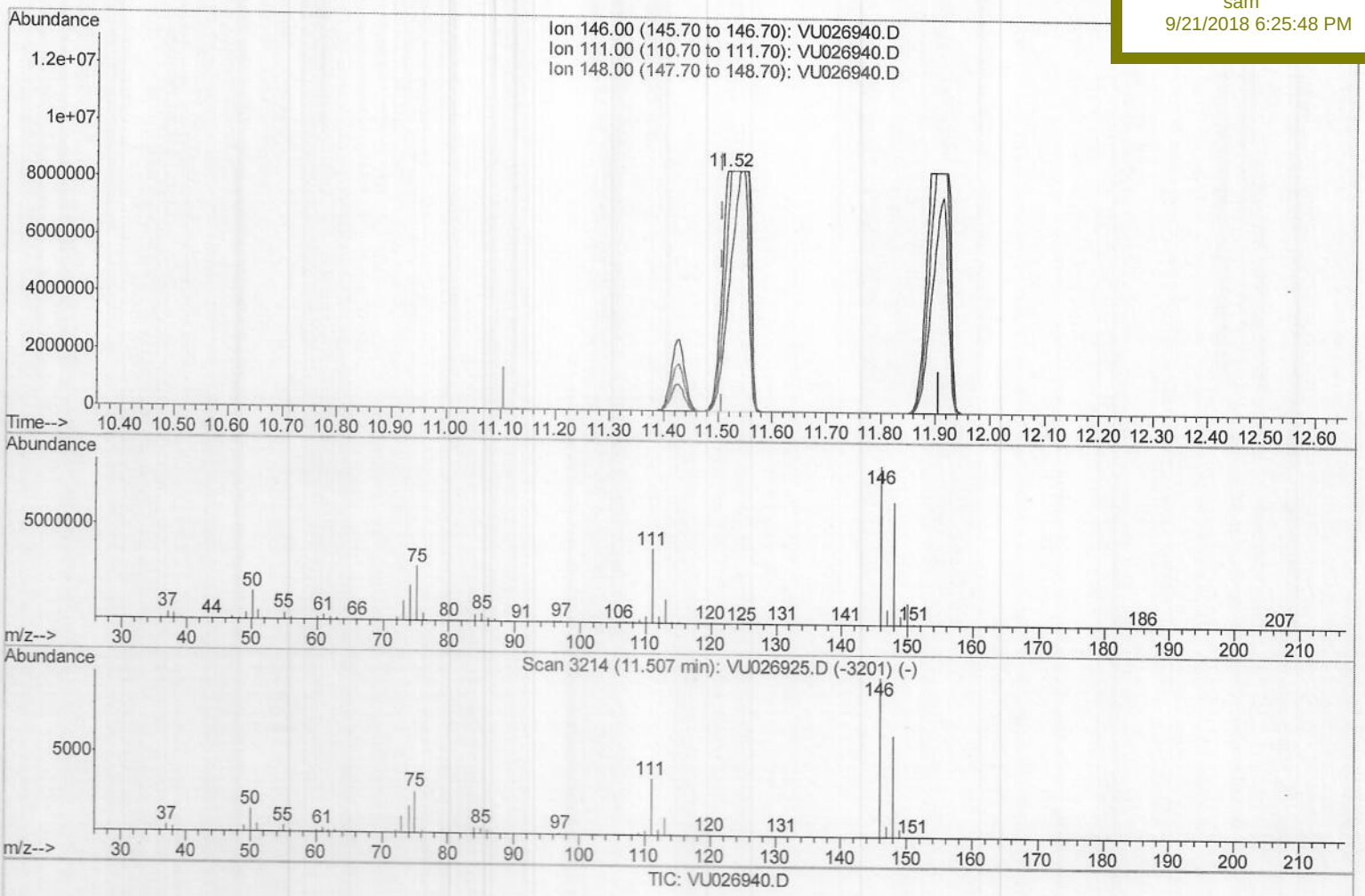

TIC: VU026940.D

(63) 1,4-Dichlorobenzene (T)

11.517min (+0.010) 4742.40ug/L m > MD 9/28/18

response 29259460

Ion	Exp%	Act%
146.00	100	100
111.00	37.10	46.29
148.00	65.50	77.31
0.00	0.00	0.00

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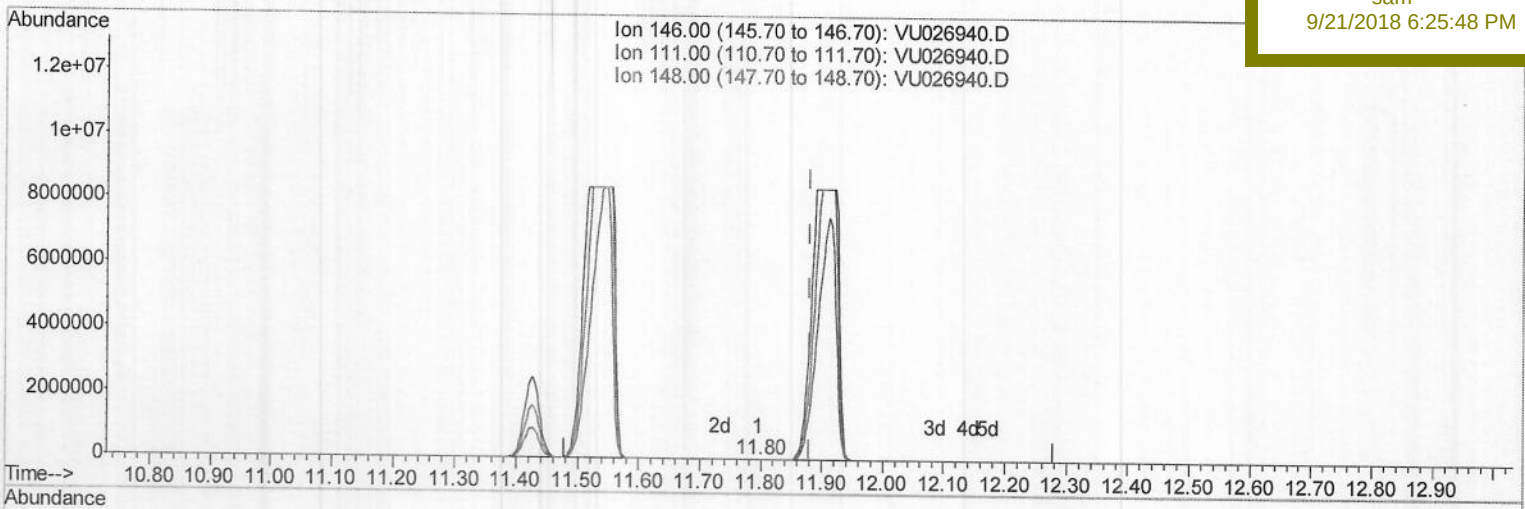

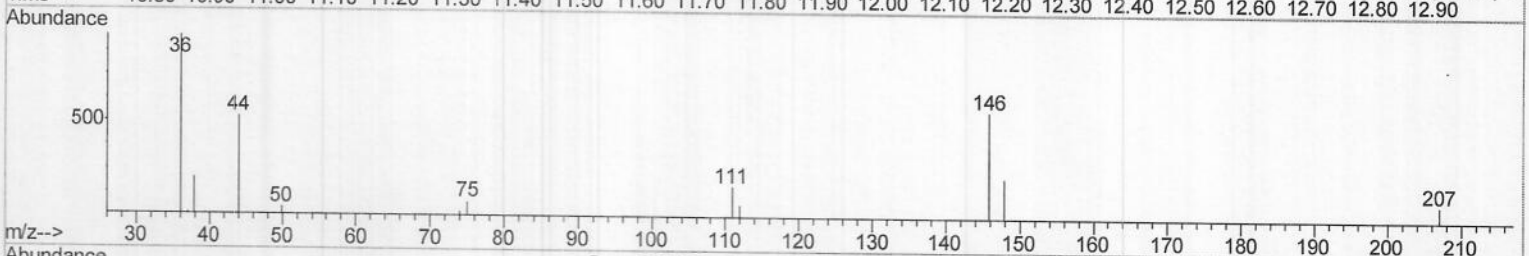

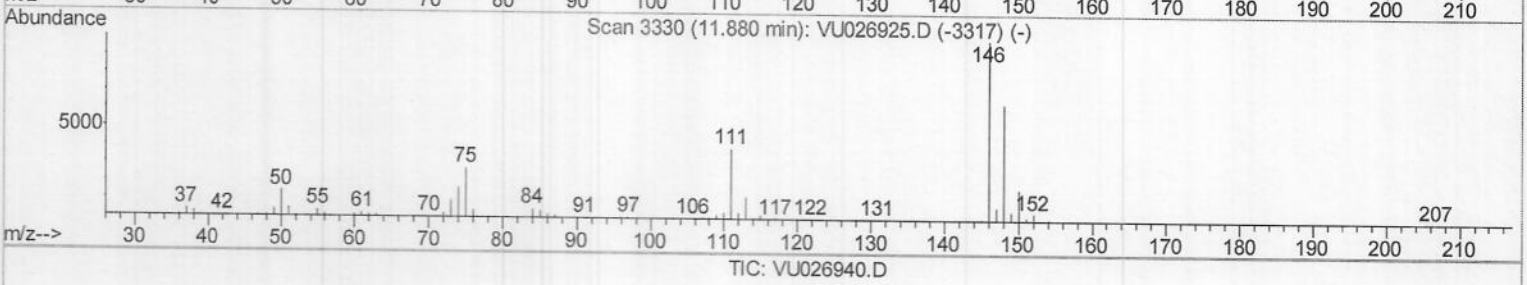

(65) 1,2-Dichlorobenzene (T)

11.797min (-0.083) 0.03ug/L

response 184

Ion	Exp%	Act%
146.00	100	100
111.00	39.20	41.43
148.00	64.30	48.93#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

Quantitation Report (Qedit)

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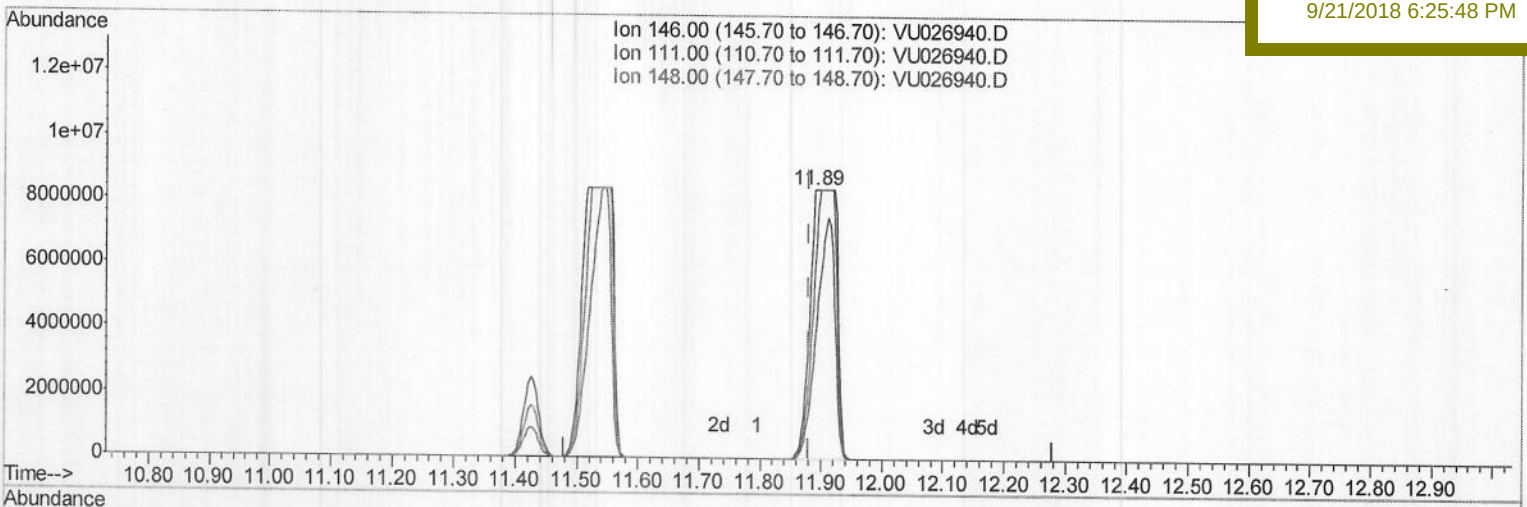

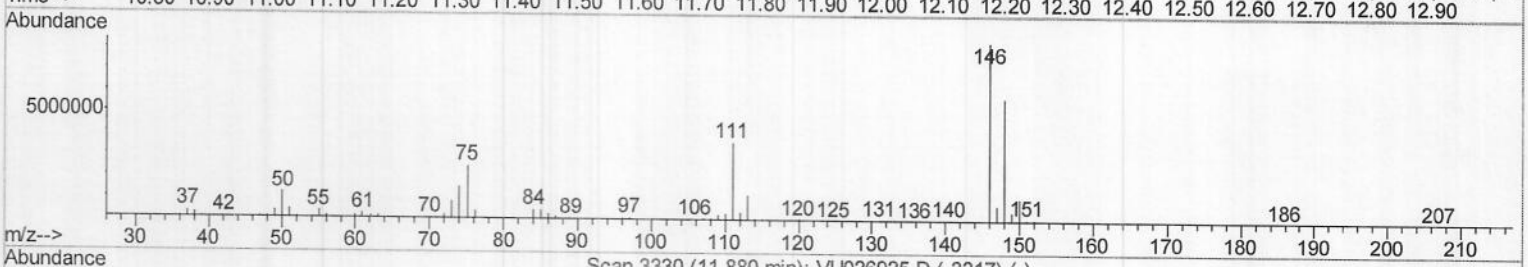

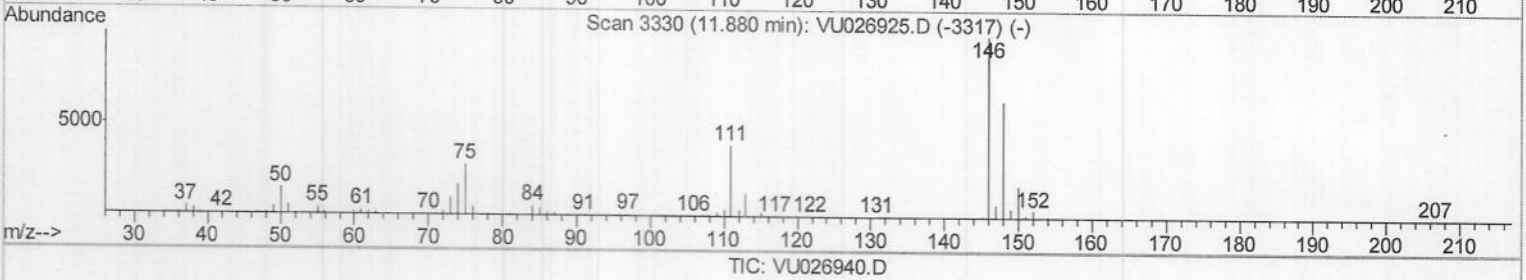

TIC: VU026940.D

(65) 1,2-Dichlorobenzene (T)

11.890min (+0.010) 4116.22ug/L m) MD 9/28/18

response 25537533

Ion	Exp%	Act%
146.00	100	100
111.00	39.20	43.22
148.00	64.30	68.18
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	5.89	114	286280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.12	117	282663	50.00	ug/L	0.03
60) 1,4-Dichlorobenzene-d4	11.50	152	183801	50.00	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	77840	36.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.52%		
7) Chloroethane-d5	1.68	69	66563	36.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.44%		
11) 1,1-Dichloroethene-d2	2.27	63	111451	27.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.62%#		
21) 2-Butanone-d5	4.18	46	112366	79.96	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.96%		
24) Chloroform-d	4.65	84	135001	34.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.74%#		
26) 1,2-Dichloroethane-d4	5.32	65	88031	35.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.18%		
32) Benzene-d6	5.35	84	290081	36.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.24%		
36) 1,2-Dichloropropane-d6	6.33	67	89646	35.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	70.24%		
41) Toluene-d8	7.57	98	257578	35.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.98%#		
43) trans-1,3-Dichloropropene-	7.85	79	40867	35.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.72%		
47) 2-Hexanone-d5	8.31	63	81939	81.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.68%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126392	35.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	71.02%		
64) 1,2-Dichlorobenzene-d4	11.88	152	139283	36.43	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.86%#		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	1795	0.538	ug/L	92
18) Methyl tert-butyl Ether	3.00	73	2758	0.461	ug/L #	28
29) Cyclohexane	5.00	56	16102	4.906	ug/L	98
31) Carbon tetrachloride	5.14	117	101191	33.580	ug/L	100
33) Benzene	5.39	78	33106192m	3777.680	ug/L	
34) Trichloroethene	6.19	95	4154	1.975	ug/L	91
35) Methylcyclohexane	6.42	83	8284	2.417	ug/L #	77
42) Toluene	7.64	91	11662	1.315	ug/L	100
46) Tetrachloroethene	8.23	164	12470	6.689	ug/L	97
51) Chlorobenzene	9.12	112	39591580m	6579.276	ug/L	
62) 1,3-Dichlorobenzene	11.43	146	4221397	753.403	ug/L	99
63) 1,4-Dichlorobenzene	11.52	146	29259460m	4742.396	ug/L	
65) 1,2-Dichlorobenzene	11.89	146	25537533m	4116.218	ug/L	
68) 1,2,4-trichlorobenzene	13.51	180	6565544	1757.188	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	507375	123.311	ug/L	99

MD 9/28/18

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

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

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