

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Quantitation Report (QT Reviewed)

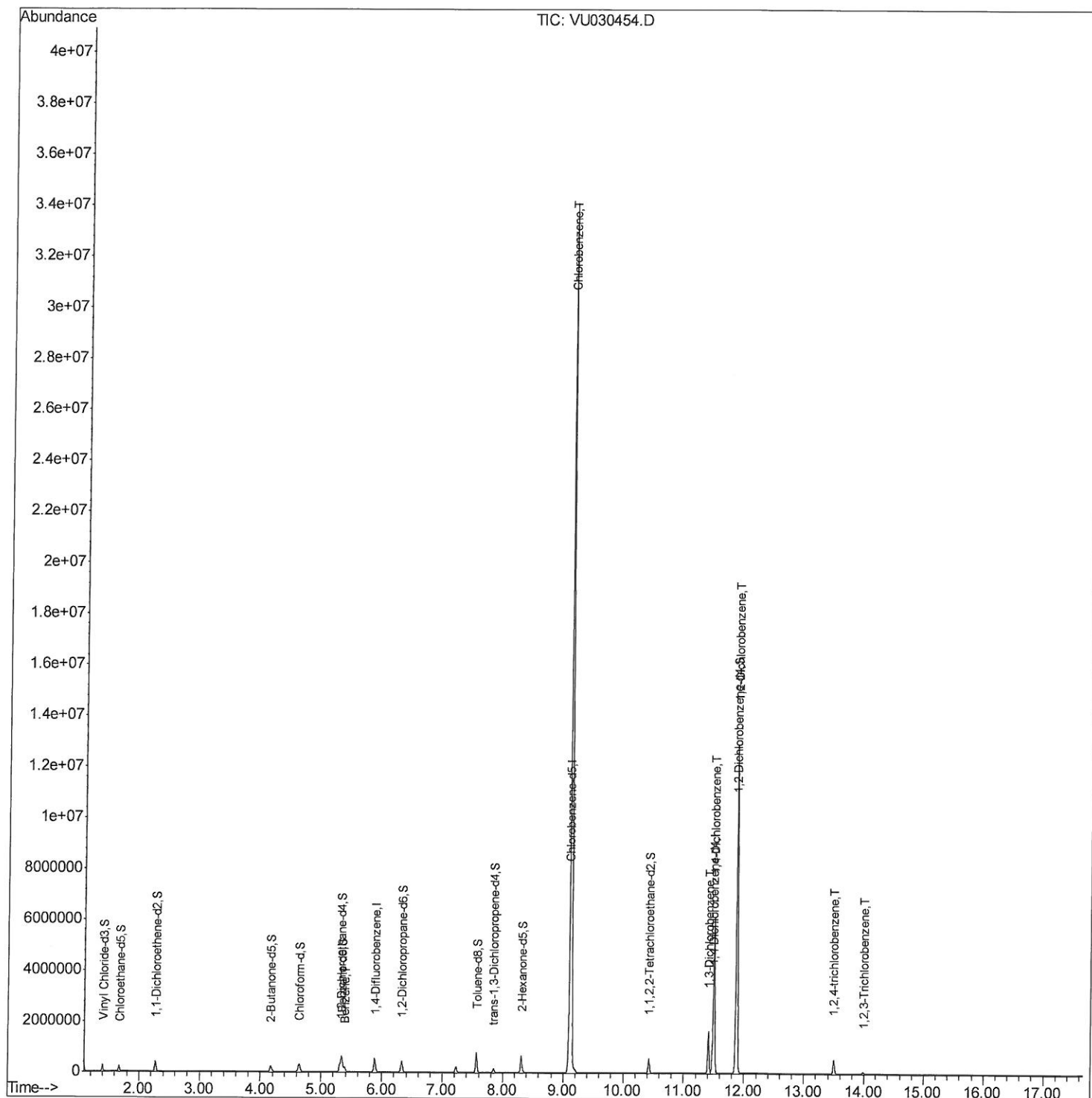
Data File : VU030454.D
Acq On : 26 Mar 2019 19:29
Operator : JC/SP
Sample : K2022-16 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09E4

Manual Integrations
APPROVED

MMDadoda
3/27/2019 9:56:00 AM

Quant Time: Mar 27 07:12:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Quantitation Report (Qedit)

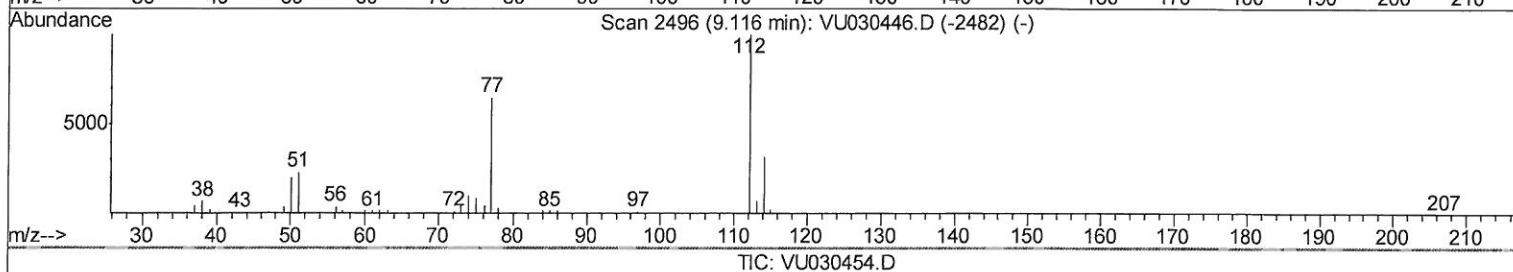
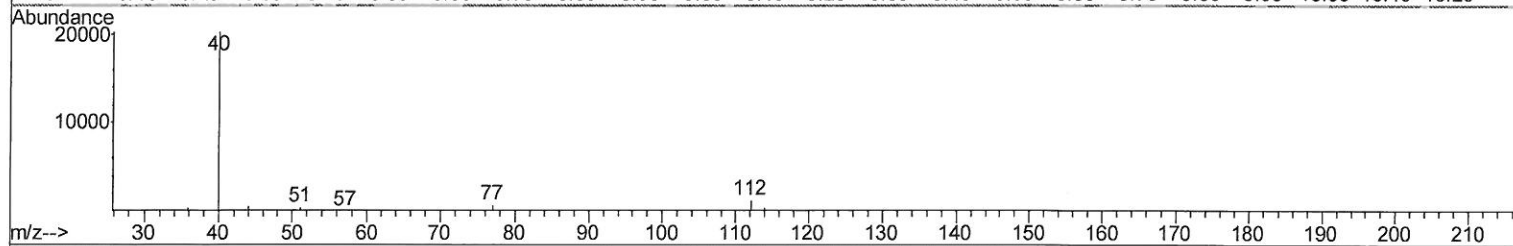
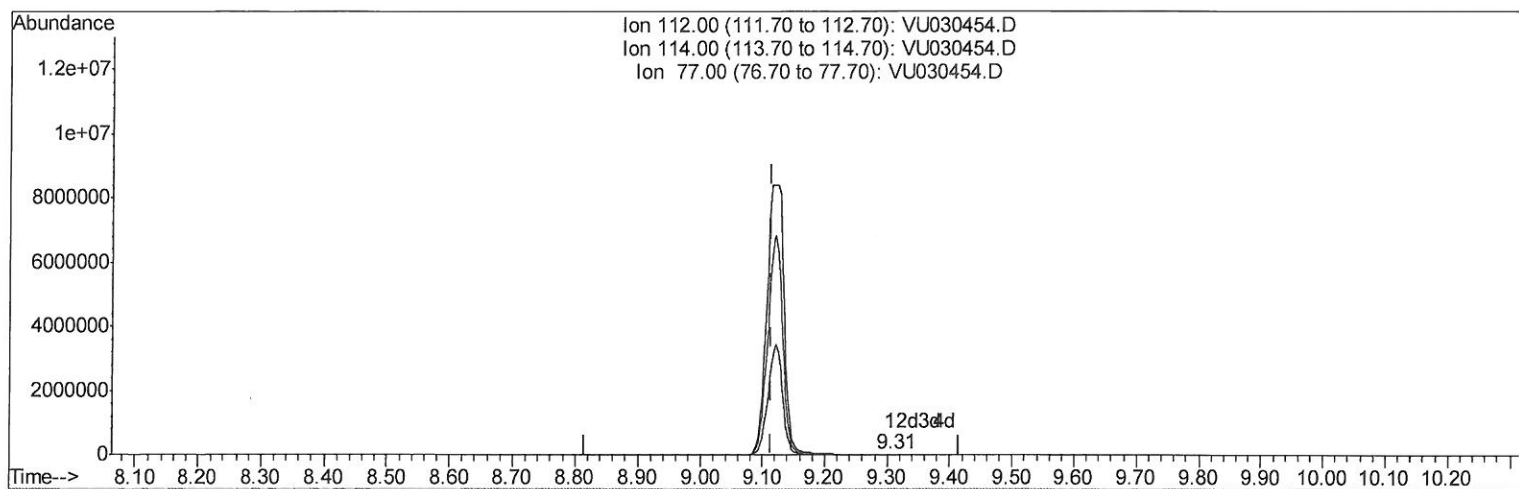
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(51) Chlorobenzene (T)

9.305min (+0.190) 0.02ug/L

response 165

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	31.53
77.00	64.20	58.15
0.00	0.00	0.00

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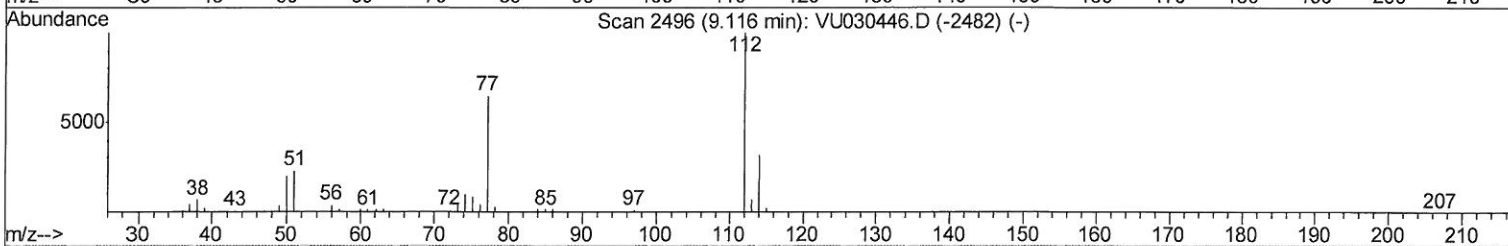
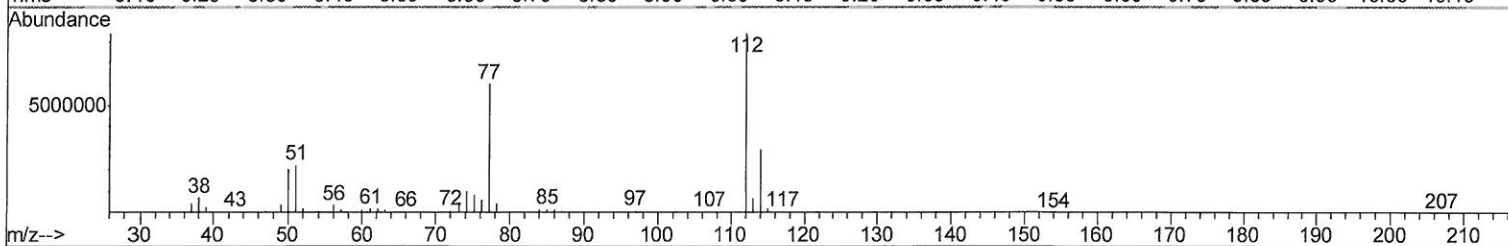
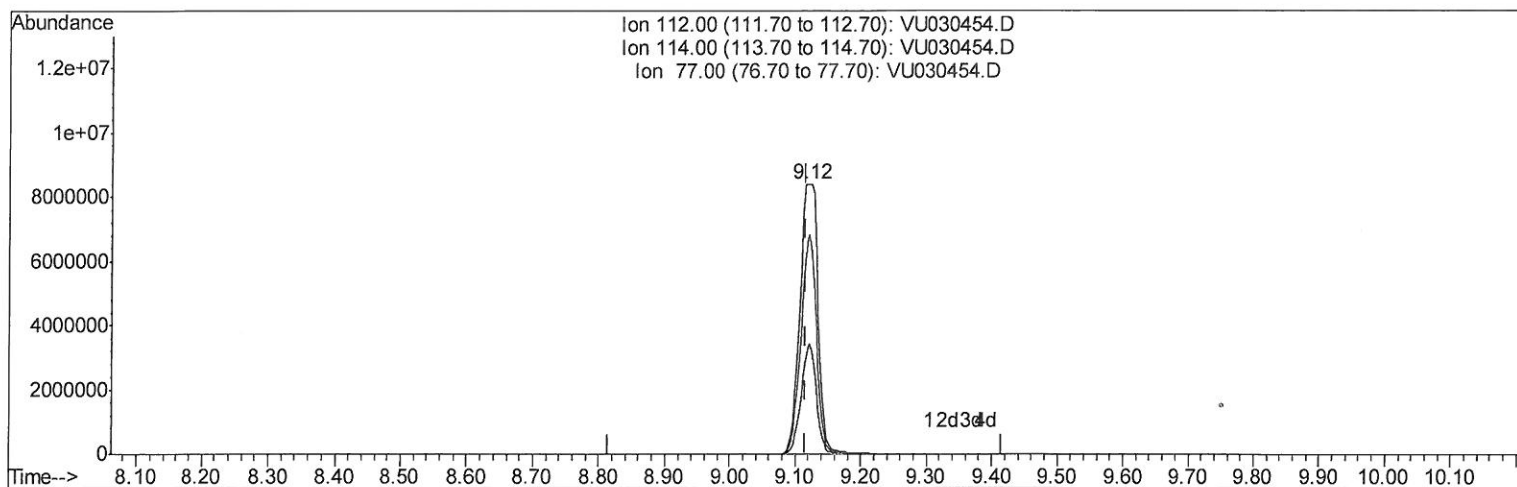
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TIC: VU030454.D

(51) Chlorobenzene (T)

9.116min (+0.000) 1669.78ug/L m

response 16105015

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	34.81
77.00	64.20	71.79
0.00	0.00	0.00

7MD
3/27/19

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Quantitation Report (Qedit)

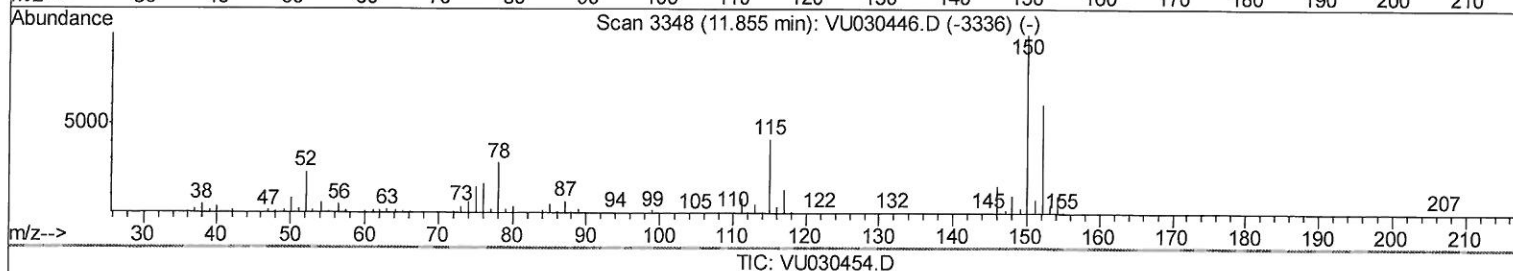
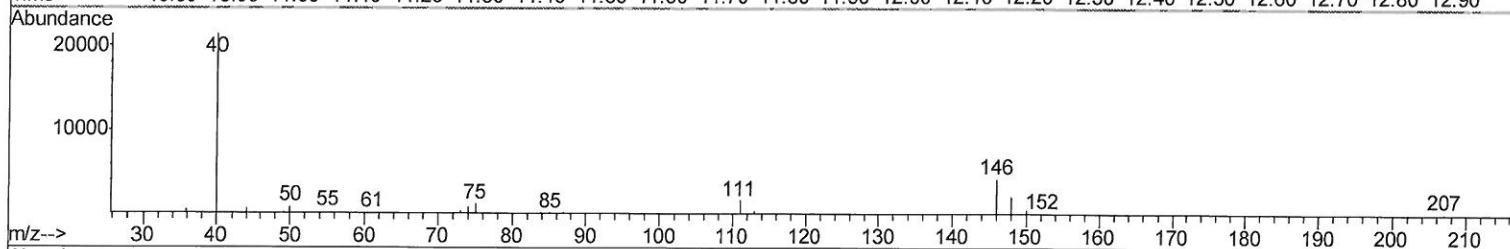
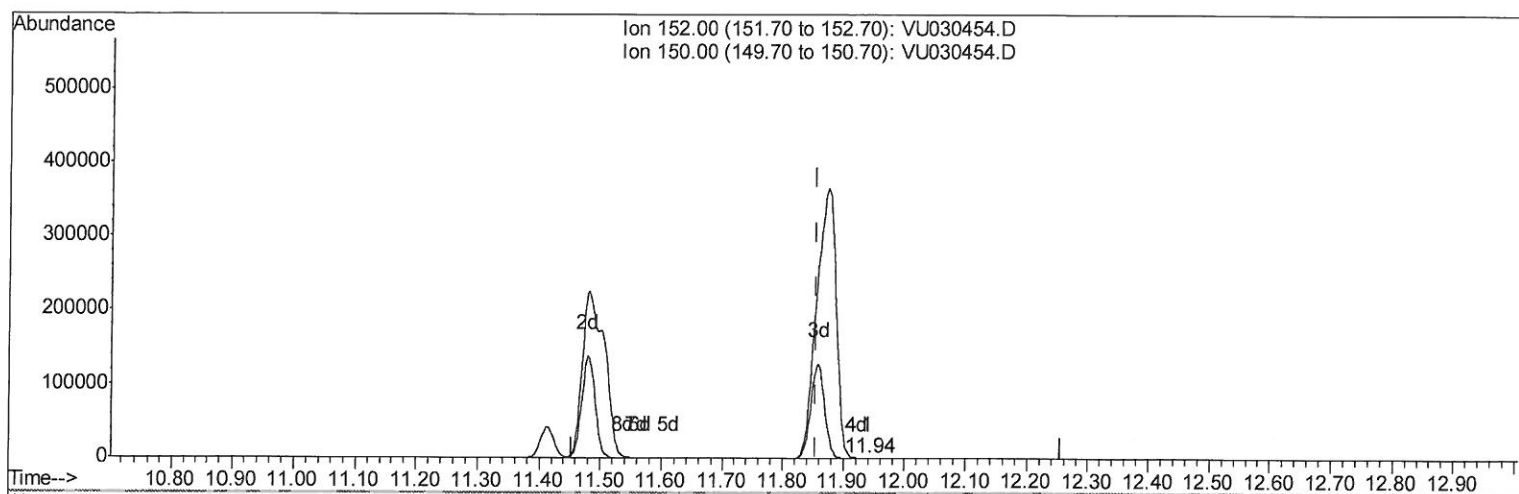
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TIC: VU030454.D

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

11.939min (+0.084) 0.01ug/L

response 63

Ion	Exp%	Act%
152.00	100	100
150.00	173.80	122.22
0.00	0.00	0.00
0.00	0.00	0.00

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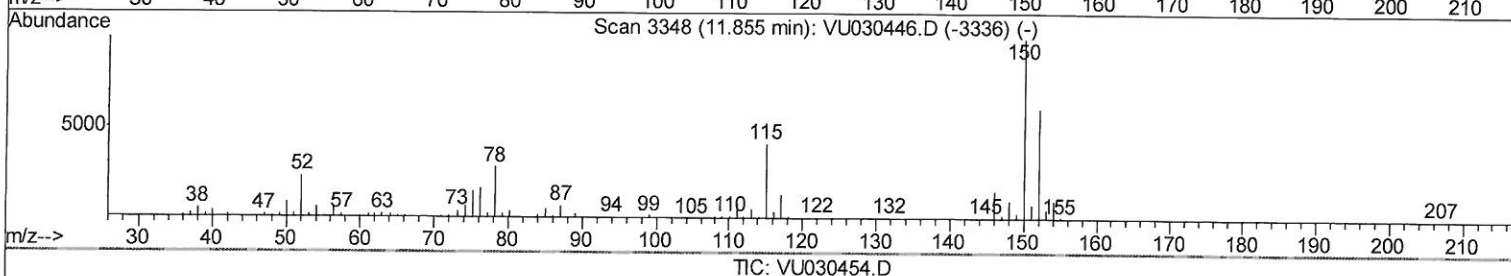
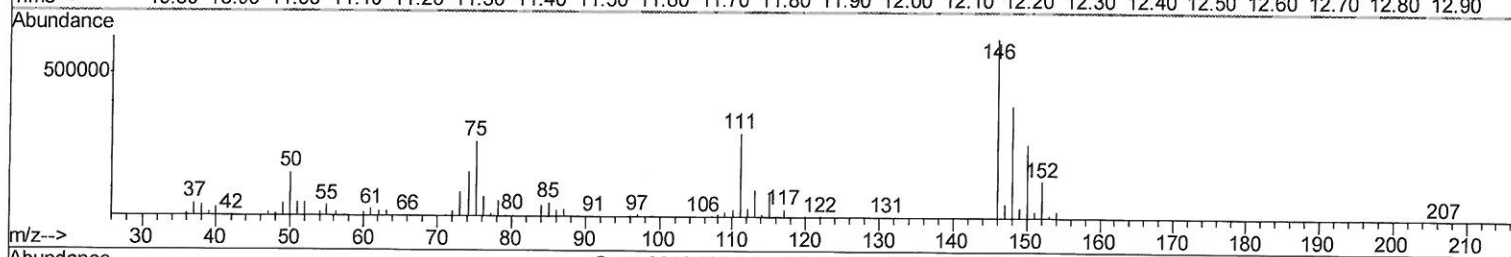
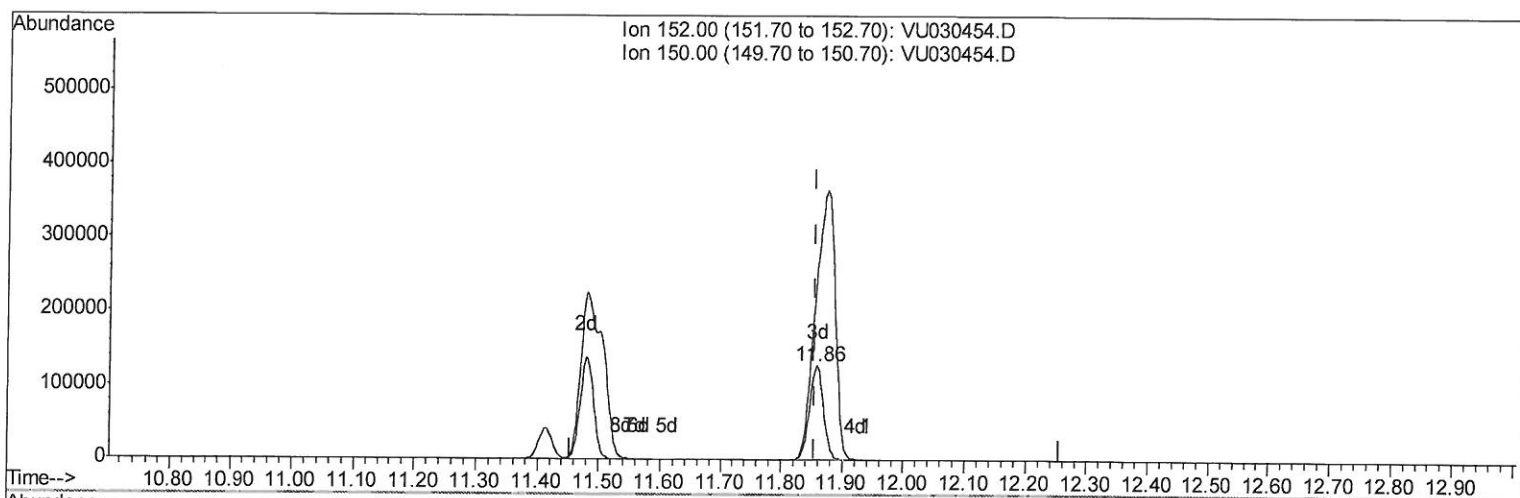
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(64) 1,2-Dichlorobenzene-d4 (S)

11.858min (+0.003) 48.62ug/L m

response 205416

Ion	Exp%	Act%
152.00	100	100
150.00	173.80	0.04#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	459416	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169020	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.42%
7) Chloroethane-d5	1.67	69	142026	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.92%
11) 1,1-Dichloroethene-d2	2.27	63	242540	34.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.16%
21) 2-Butanone-d5	4.17	46	358760	103.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.22%
24) Chloroform-d	4.64	84	307554	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.31	65	210790	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
32) Benzene-d6	5.34	84	619987	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
36) 1,2-Dichloropropane-d6	6.33	67	220777	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.90%
41) Toluene-d8	7.56	98	532747	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	7.85	79	96396	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.76%
47) 2-Hexanone-d5	8.31	63	231246	96.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299770	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	205416m	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

						Qvalue
33) Benzene	5.39	78	179086	11.679	ug/L	100
51) Chlorobenzene	9.12	112	16105015m	1669.785	ug/L	
62) 1,3-Dichlorobenzene	11.41	146	626757	90.898	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	2261632	318.613	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	4869599	698.443	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	177175	39.504	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	29537	6.237	ug/L	94

7MC
 3/27/19

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