

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

Quantitation Report (QT Reviewed)

Data File : VU026934.D

Acq On : 20 Sep 2018 13:29

Operator : MD/SY

Sample : J4893-12

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 21 04:55:09 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 :

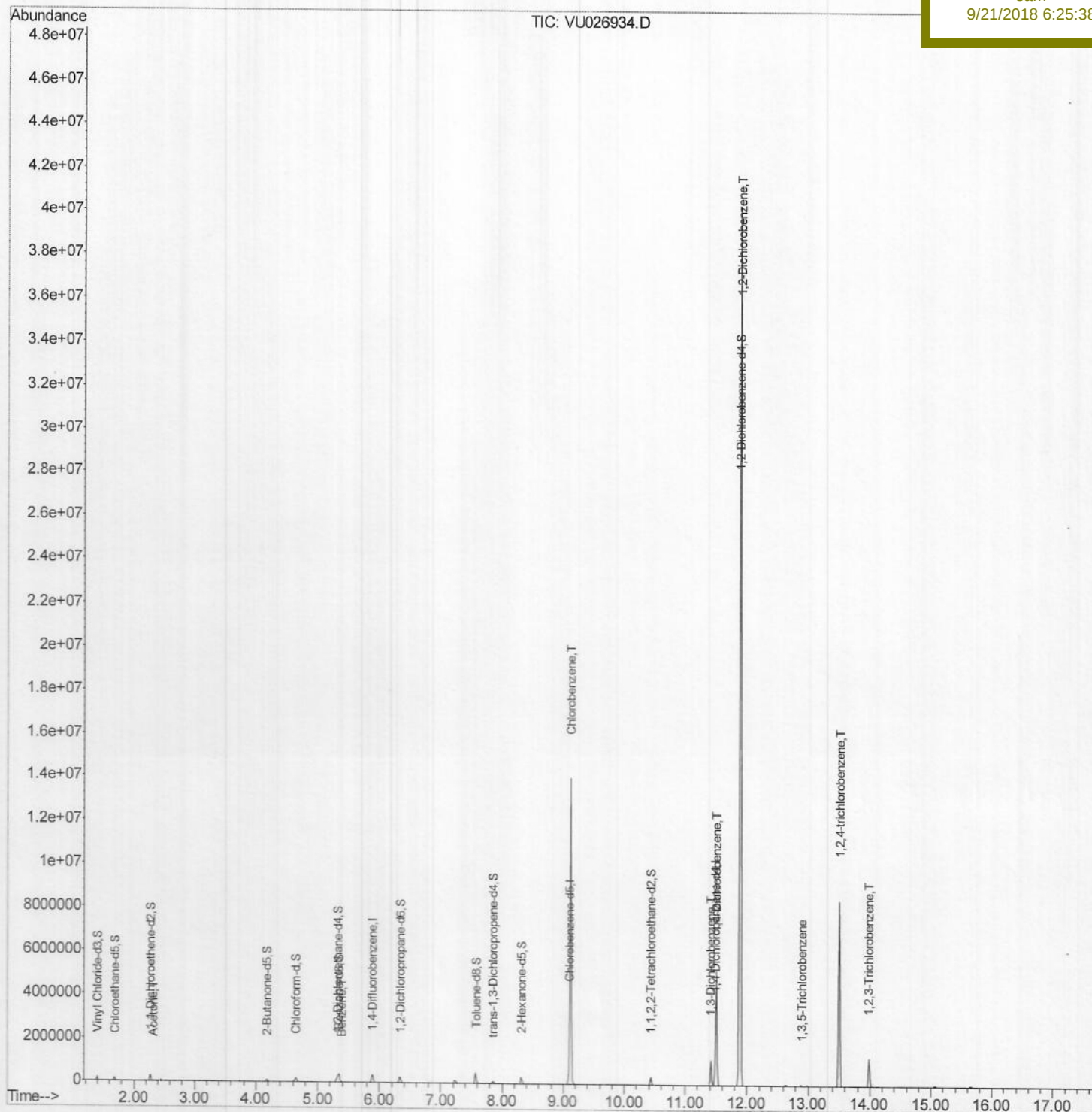
C08N9

Manual Integrations

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sam

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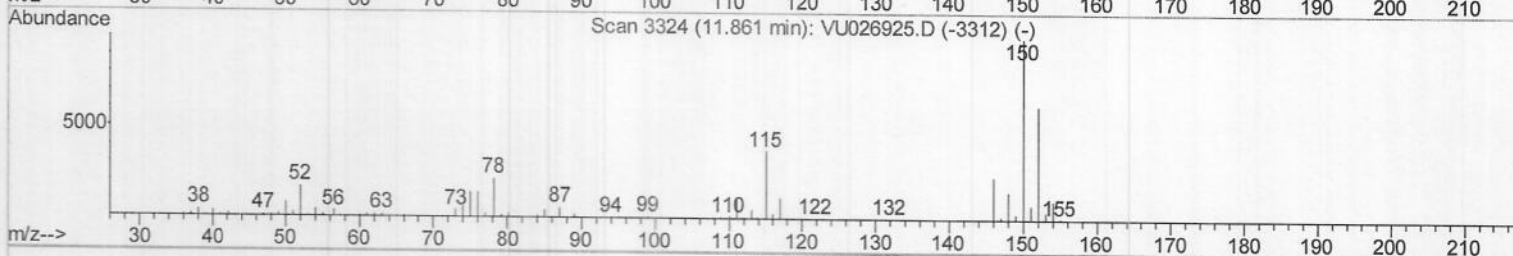
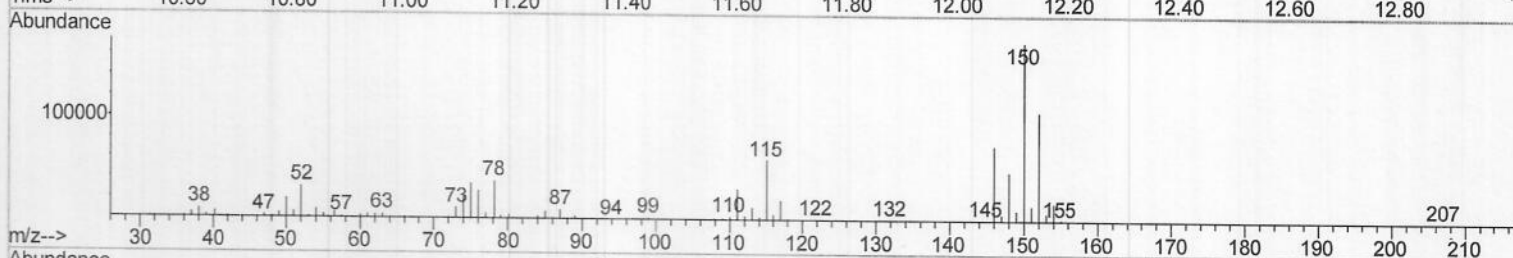
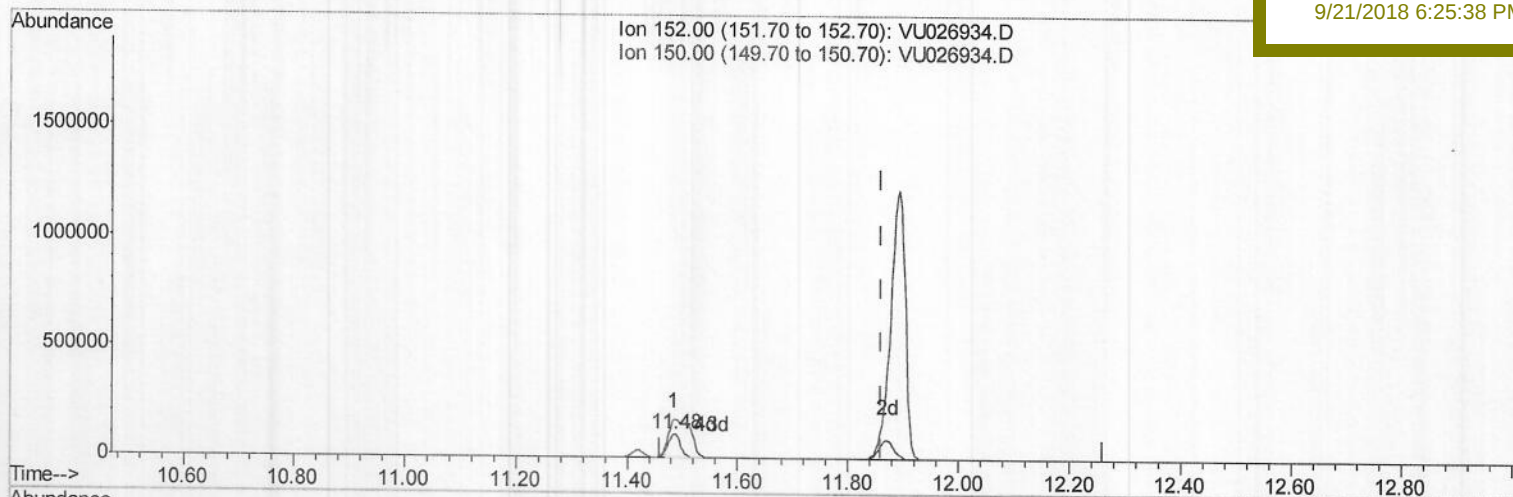
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TIC: VU026934.D

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

11.485min (-0.376) 44.55ug/L

response 151325

Ion	Exp%	Act%
152.00	100	100
150.00	172.50	125.13
0.00	0.00	0.00
0.00	0.00	0.00

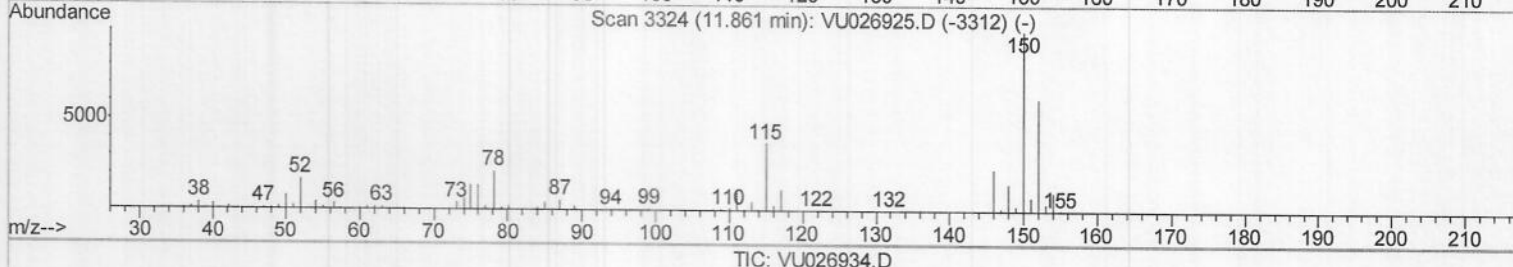
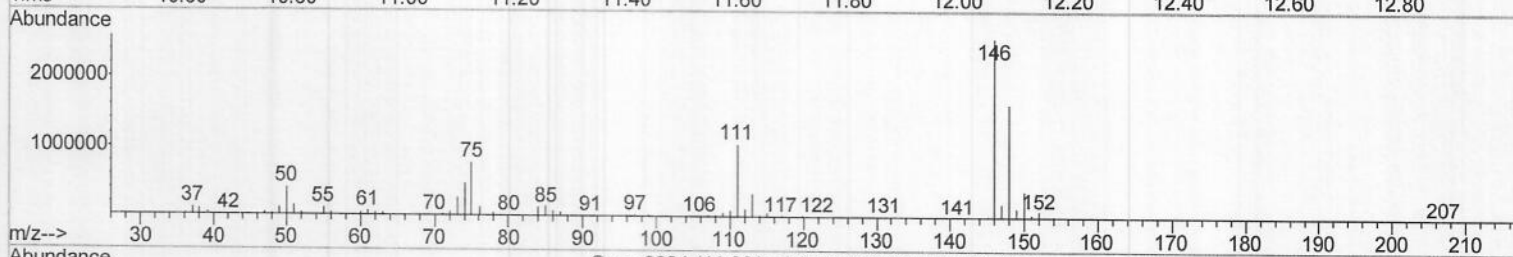
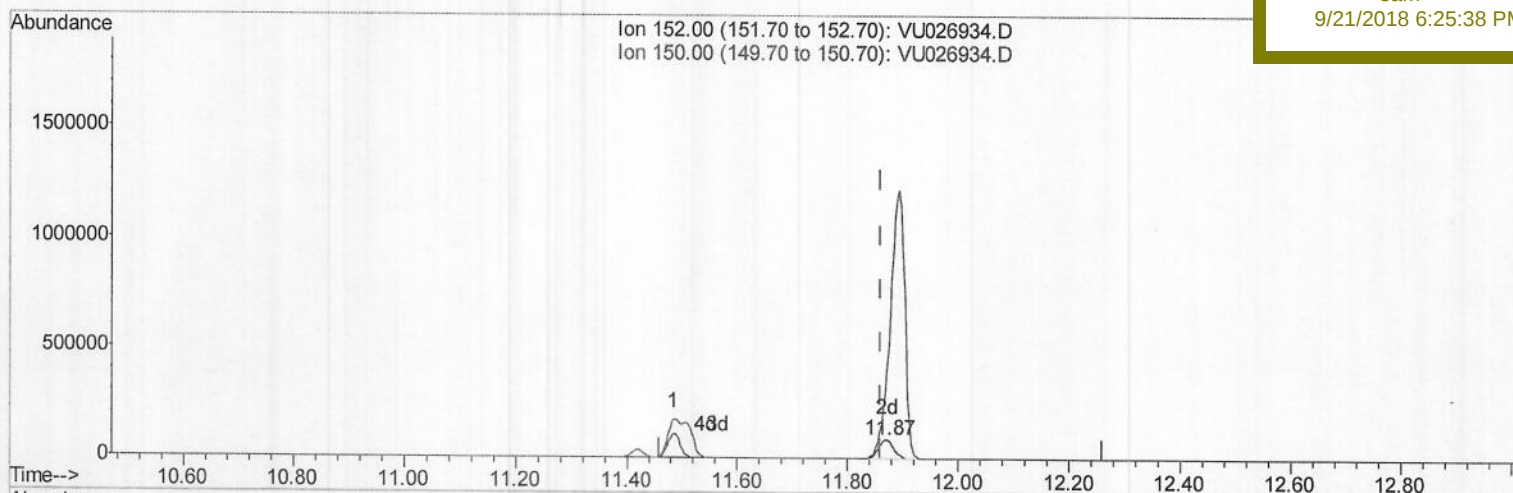
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(64) 1,2-Dichlorobenzene-d4 (S)

11.871min (+0.010) 46.97ug/L m > MD 9/28/18

response 159561

Ion	Exp%	Act%
152.00	100	100
150.00	172.50	118.67#
0.00	0.00	0.00
0.00	0.00	0.00

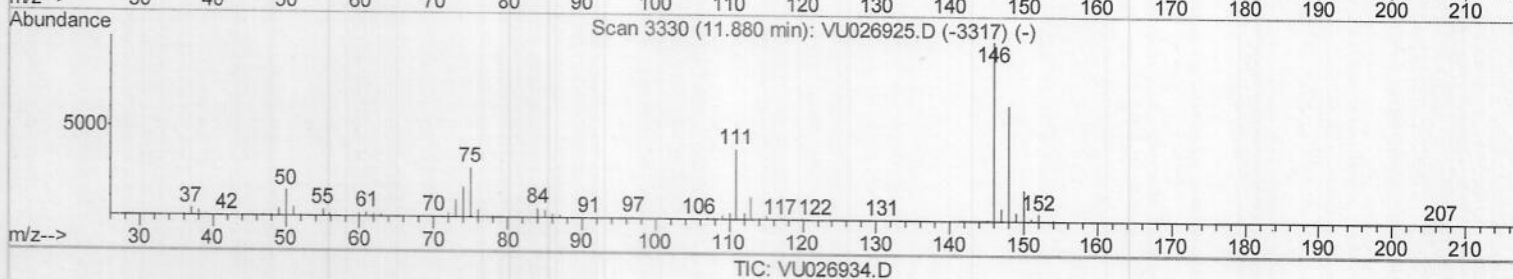
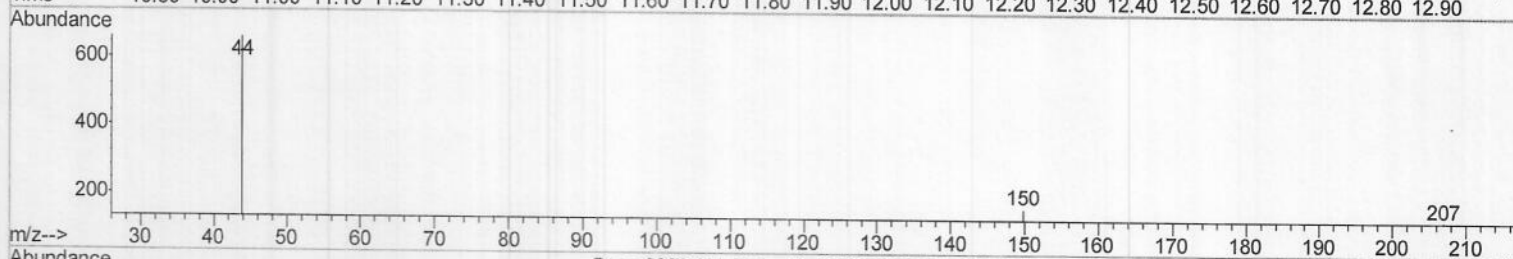
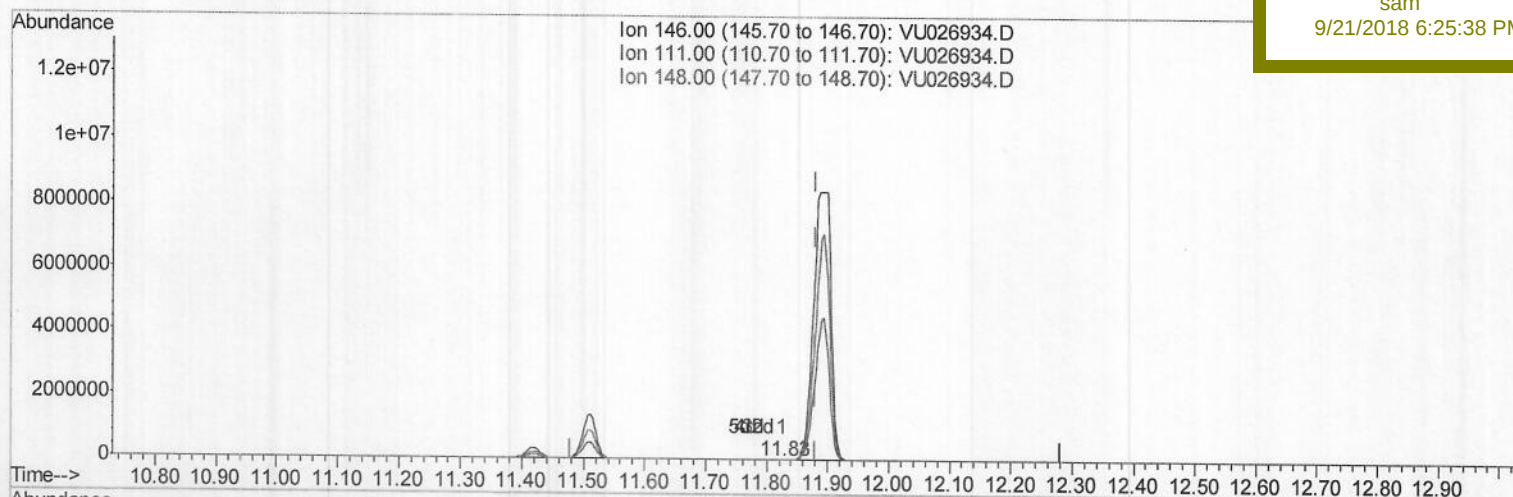
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(65) 1,2-Dichlorobenzene (T)

11.826min (-0.055) 0.01ug/L

response 69

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

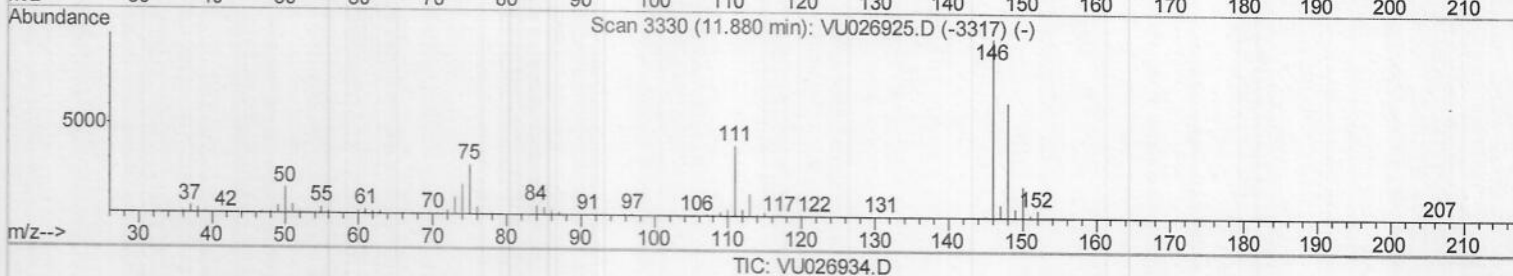
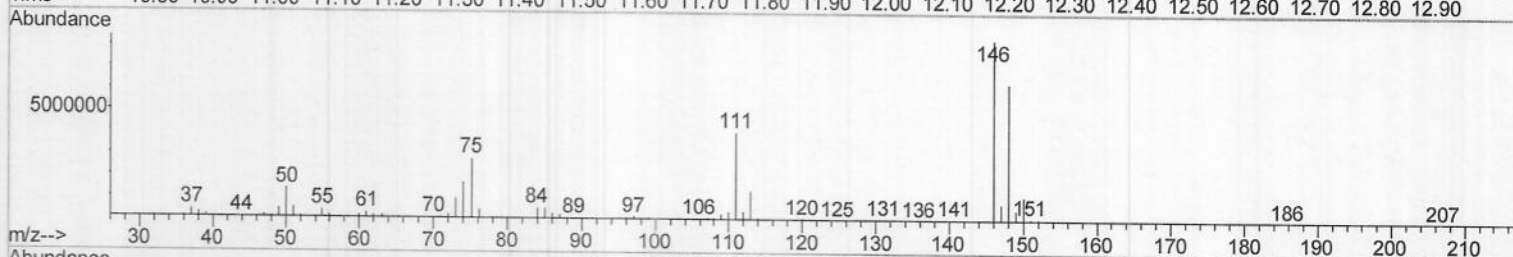
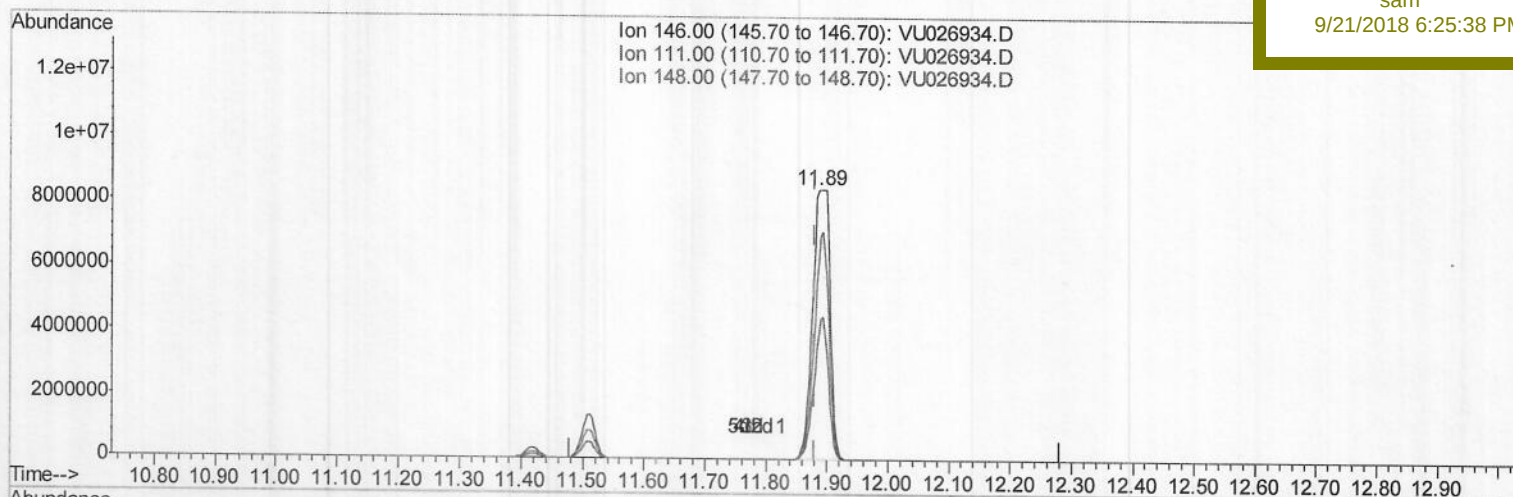
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(65) 1,2-Dichlorobenzene (T)

11.887min (+0.006) 3056.00ug/L m) MD 9/28/18

response 16843576

Ion	Exp%	Act%
146.00	100	100
111.00	39.20	48.11#
148.00	64.30	75.61
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293515	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291457	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102073	47.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.02%		
7) Chloroethane-d5	1.68	69	87022	46.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.66%		
11) 1,1-Dichloroethene-d2	2.27	63	147288	35.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.70%		
21) 2-Butanone-d5	4.18	46	139887	97.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.09%		
24) Chloroform-d	4.65	84	176097	43.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.44%		
26) 1,2-Dichloroethane-d4	5.31	65	114234	45.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.08%		
32) Benzene-d6	5.34	84	368673	45.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.28%		
36) 1,2-Dichloropropane-d6	6.33	67	119075	45.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.48%		
41) Toluene-d8	7.57	98	320958	43.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.98%		
43) trans-1,3-Dichloropropene-	7.85	79	52390	44.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.18%		
47) 2-Hexanone-d5	8.31	63	96349	93.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.15%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	153626	41.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.72%		
64) 1,2-Dichlorobenzene-d4	11.87	152	159561m)	46.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.94%		

Target Compounds

					Qvalue
13) Acetone	2.32	43	3950	2.789 ug/L	68
33) Benzene	5.39	78	4325	0.479 ug/L	100
51) Chlorobenzene	9.12	112	7525800	1212.893 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	489503	98.339 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	2088298	380.998 ug/L	98
65) 1,2-Dichlorobenzene	11.89	146	16843576m)	3055.995 ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	8949	2.323 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	2651622	798.837 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	409984	112.160 ug/L	98

MD 9/28/18

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