

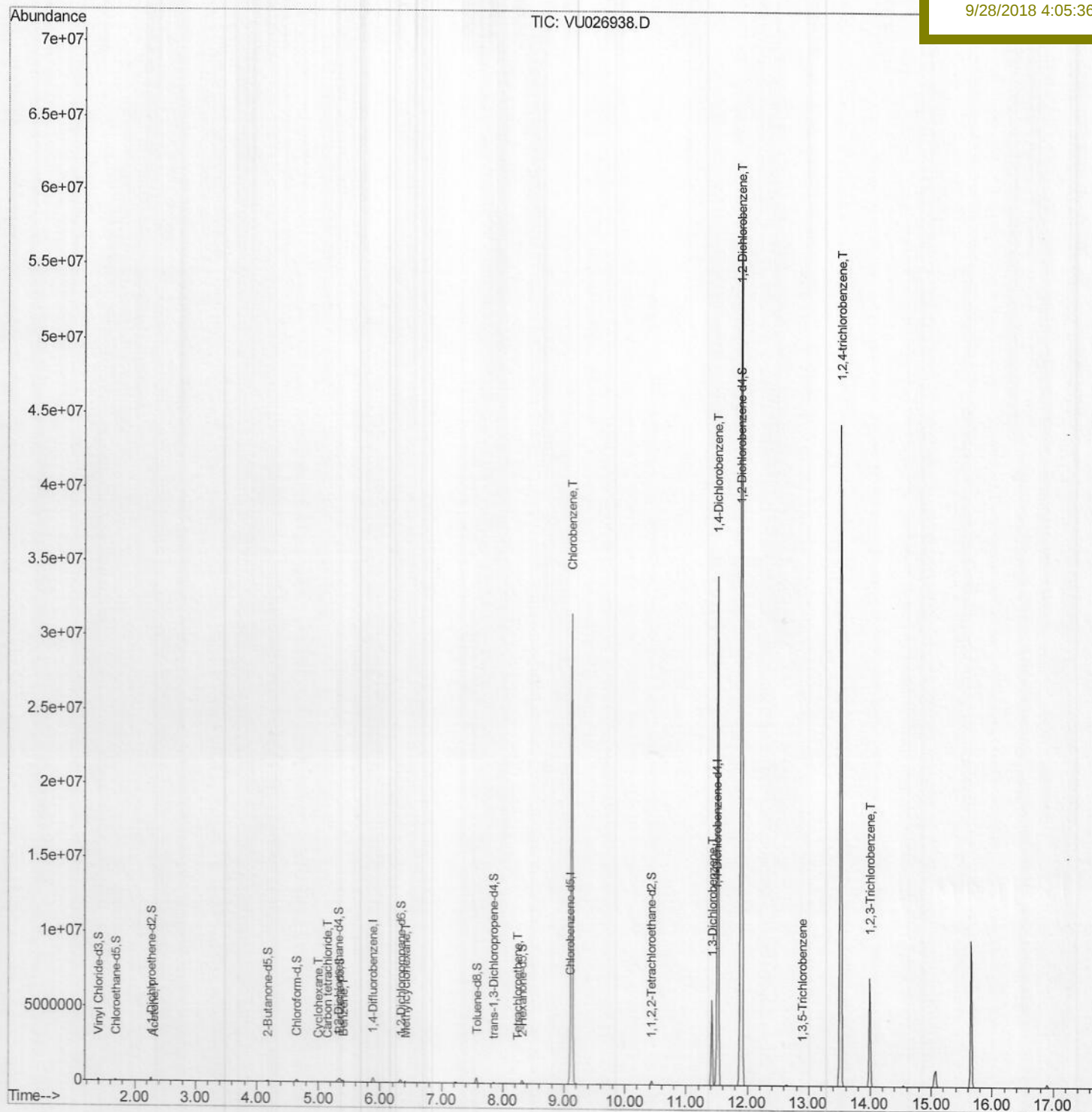
Data File : VU026938.D
Acq On : 20 Sep 2018 15:02
Operator : MD/SY
Sample : J4893-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 28 05:48:19 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 :
C08L1

Manual Integrations
APPROVED

sam
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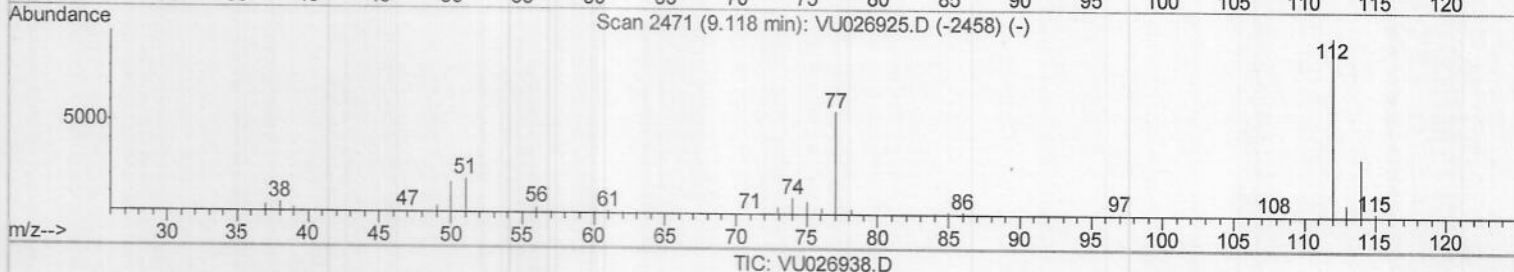
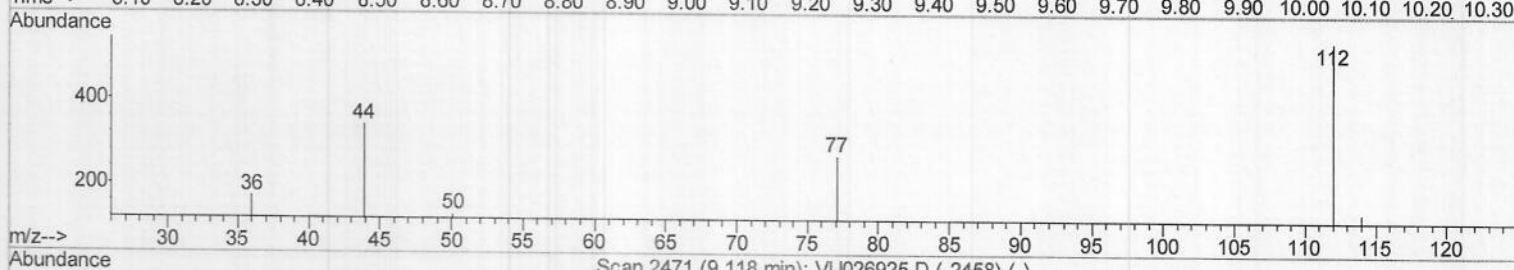
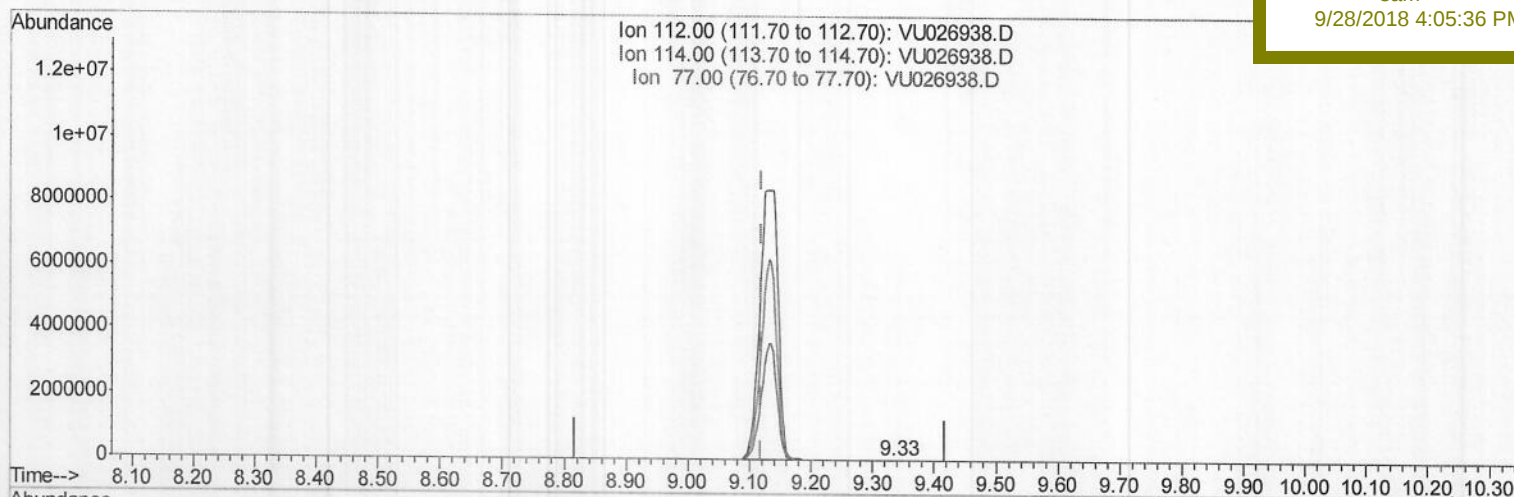
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(51) Chlorobenzene (T)

9.334min (+0.216) 0.01ug/L

response 83

Ion	Exp%	Act%
112.00	100	100
114.00	31.90	25.32
77.00	56.40	49.72
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092118\
Quantitation Report (Qedit)

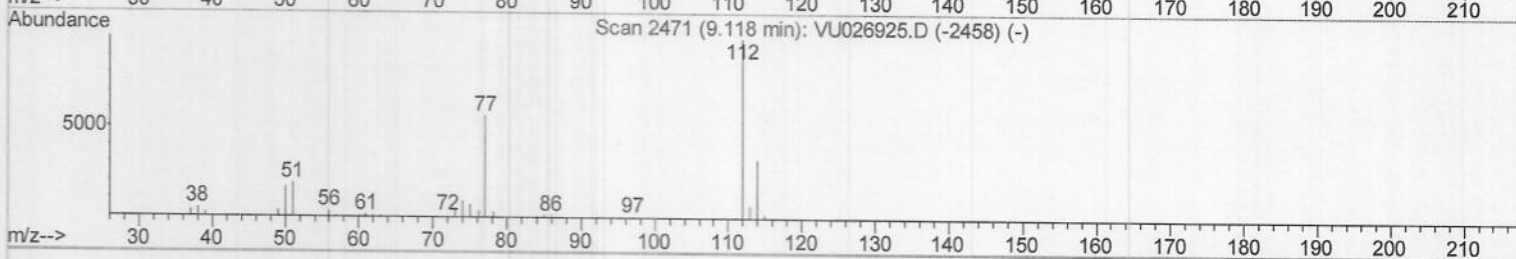
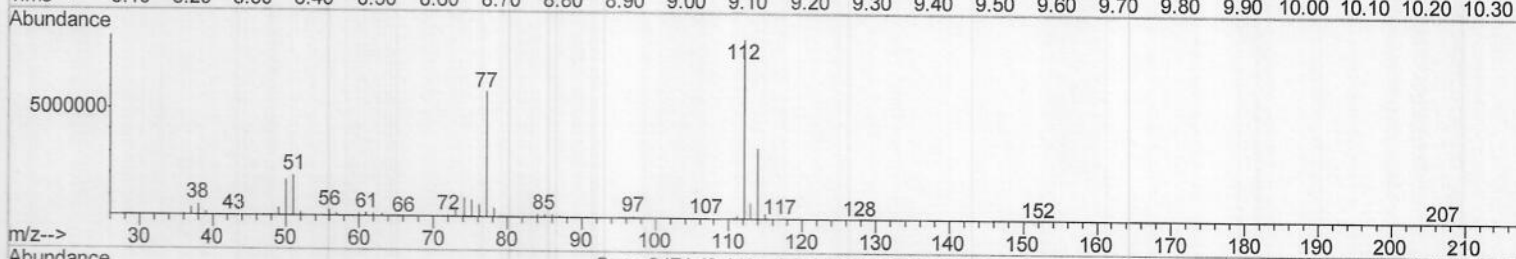
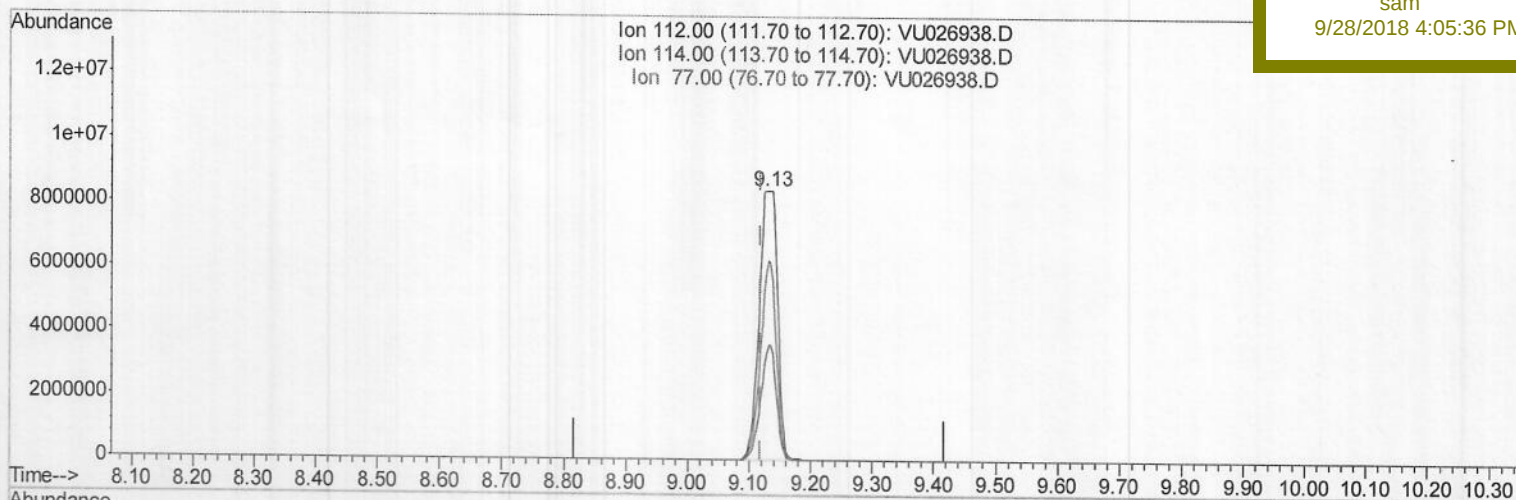
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sam
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(51) Chlorobenzene (T)

9.128min (+0.010) 2855.44ug/L m > MD9128118

response 17312209

Ion	Exp%	Act%
112.00	100	100
114.00	31.90	39.68
77.00	56.40	69.57#
0.00	0.00	0.00

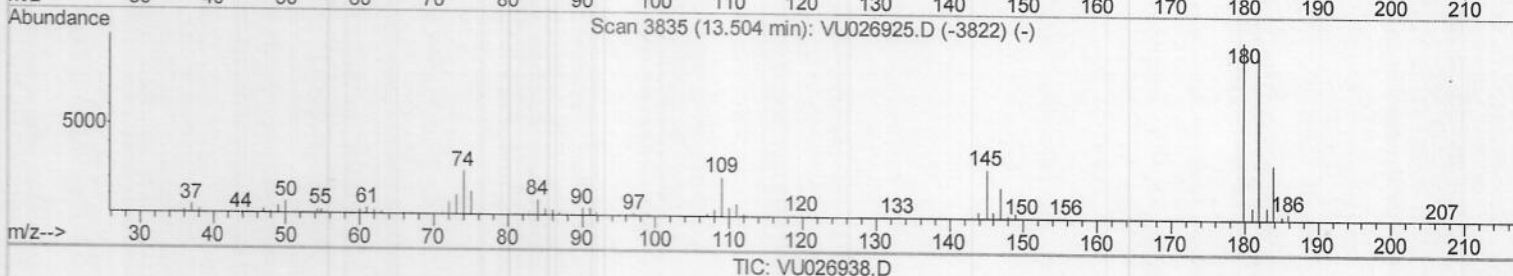
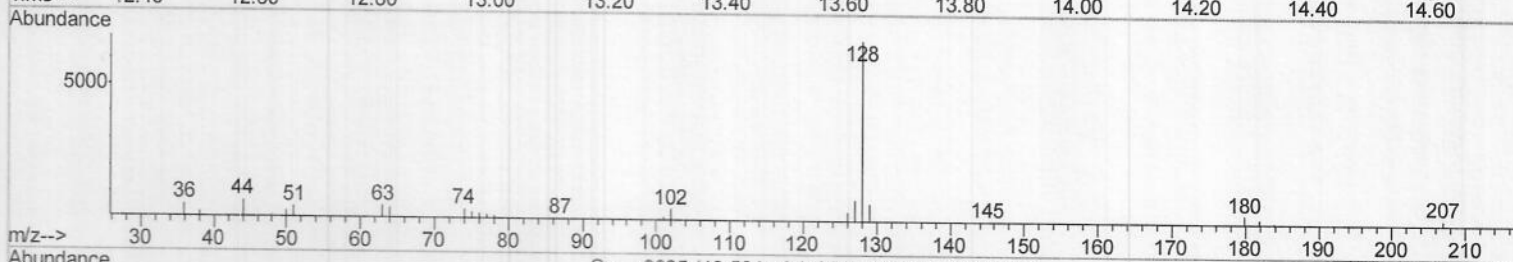
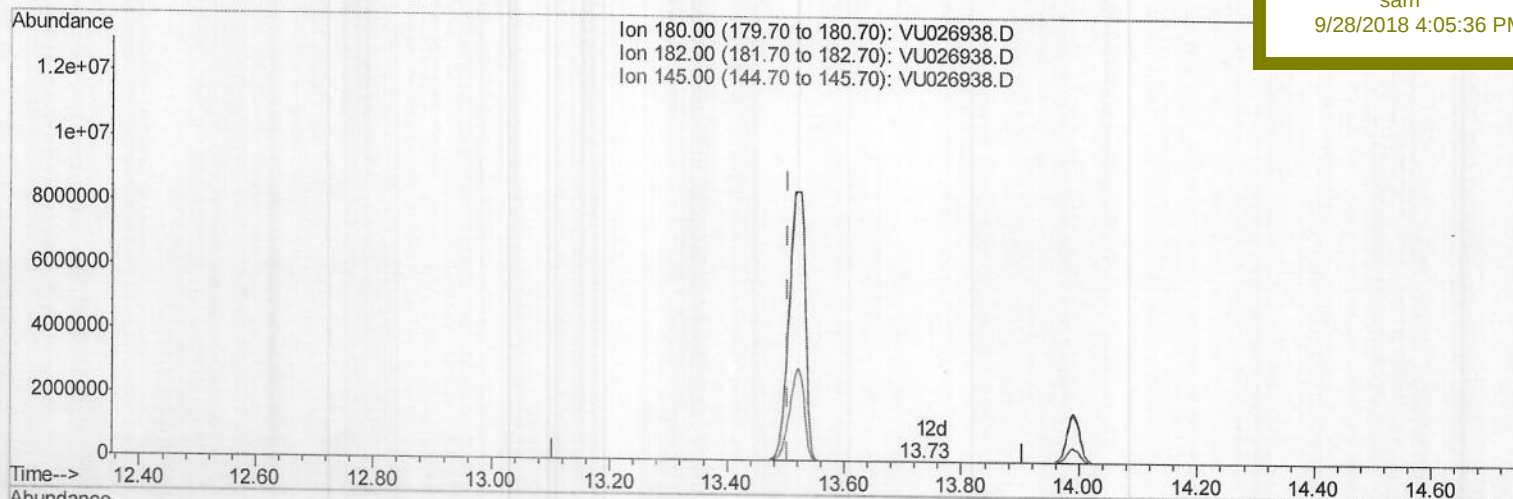
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Manual Integrations
APPROVED

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(68) 1,2,4-trichlorobenzene (T)

13.732min (+0.228) 0.04ug/L

response 132

Ion	Exp%	Act%
180.00	100	100
182.00	96.00	21.97#
145.00	27.70	32.58
0.00	0.00	0.00

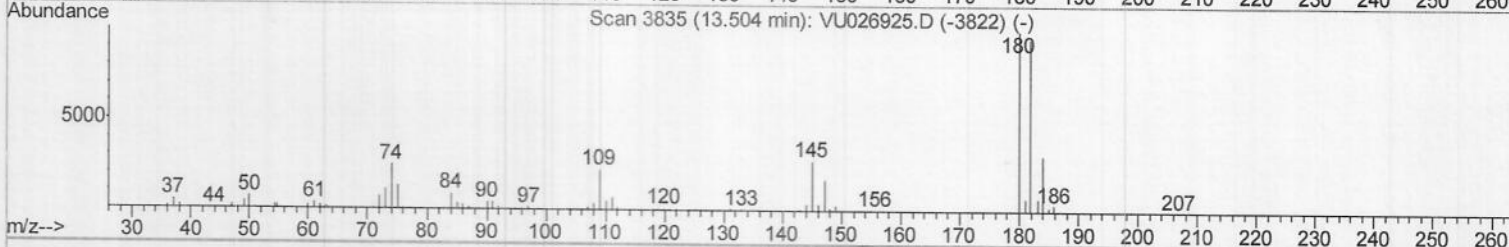
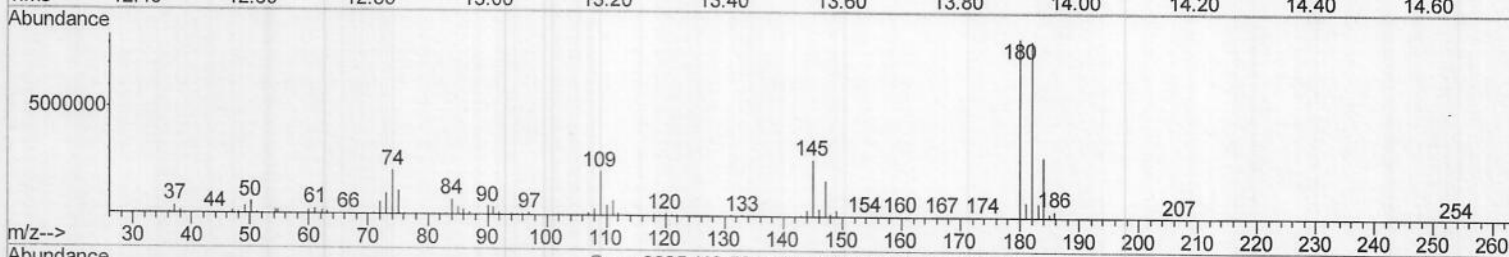
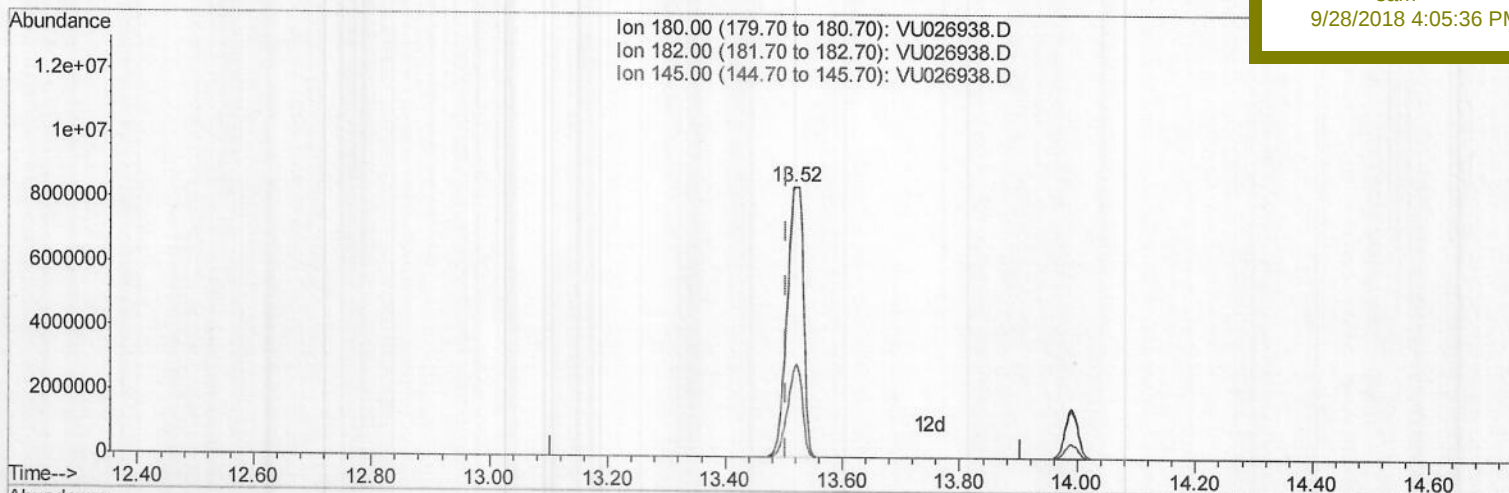
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Manual Integrations
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sam
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(68) 1,2,4-trichlorobenzene (T)

13.517min (+0.013) 4612.80ug/L m > MD9/28/18

response 16277738

Ion	Exp%	Act%
180.00	100	100
182.00	96.00	0.00#
145.00	27.70	0.00#
0.00	0.00	0.00

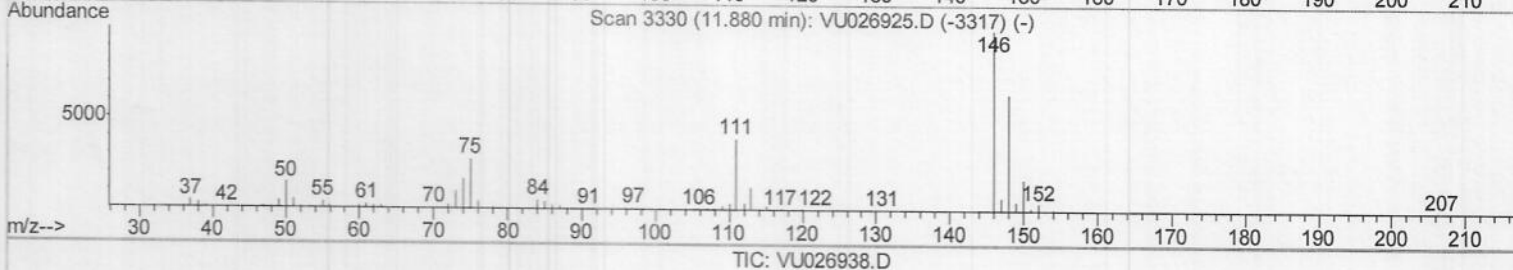
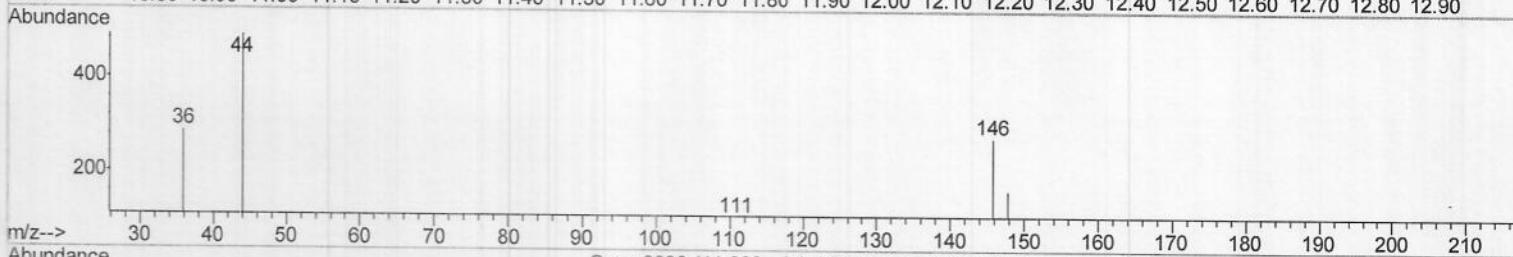
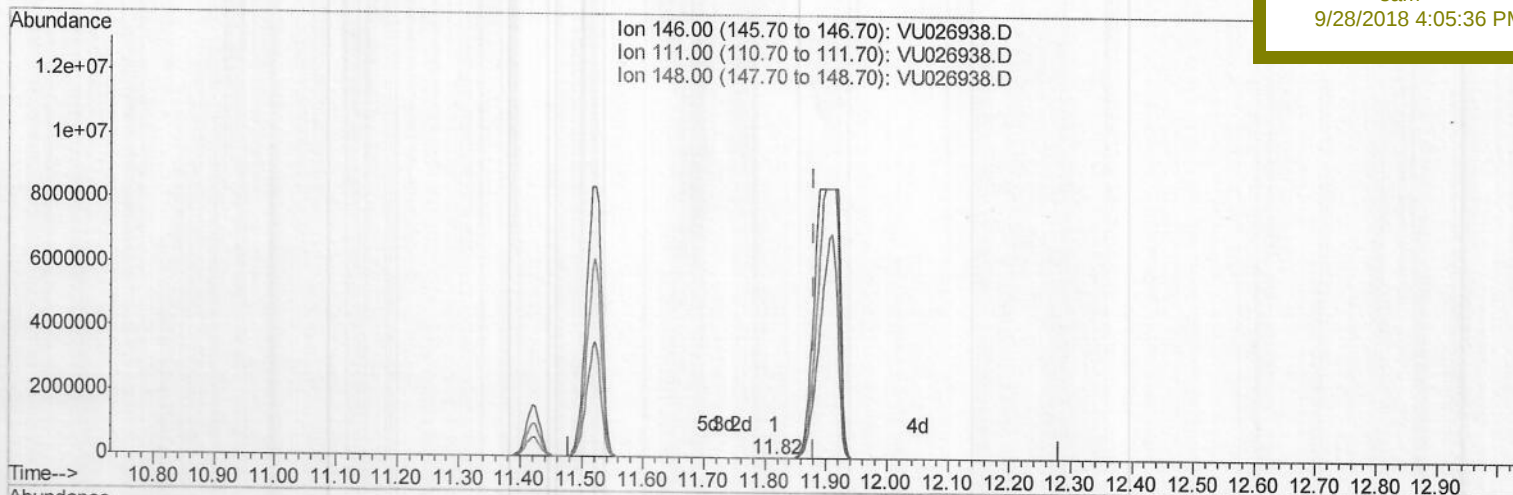
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Manual Integrations
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(65) 1,2-Dichlorobenzene (T)

11.816min (-0.064) 0.02ug/L

response 146

Ion	Exp%	Act%
146.00	100	100
111.00	39.20	39.71
148.00	64.30	59.57
0.00	0.00	0.00

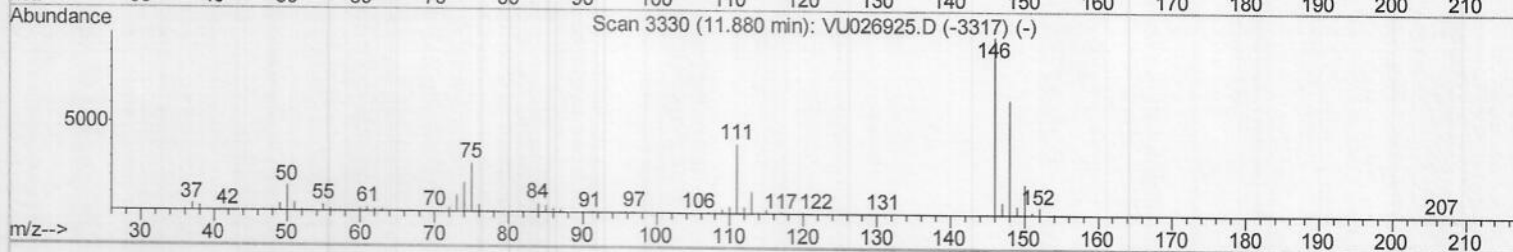
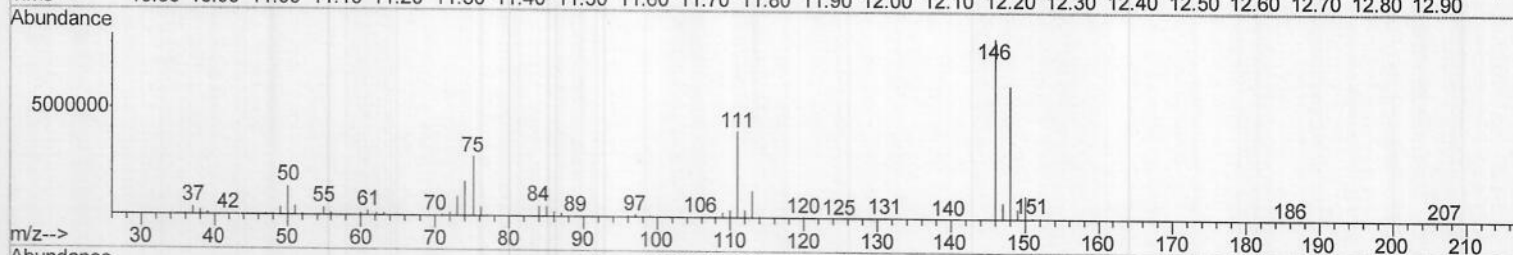
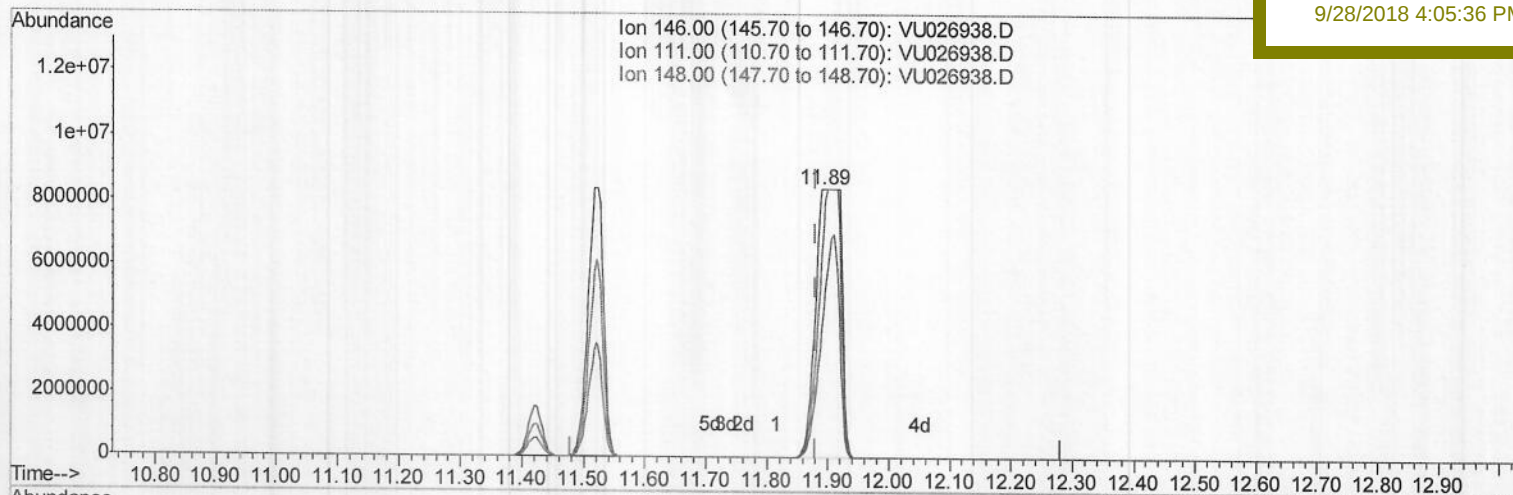
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Manual Integrations
APPROVED

sam
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TIC: VU026938.D

(65) 1,2-Dichlorobenzene (T)

11.890min (+0.010) 4208.63ug/L m) MD 9128118

response 24660266

Ion	Exp%	Act%
146.00	100	100
111.00	39.20	47.75#
148.00	64.30	74.05
0.00	0.00	0.00

Data File : VU026938.D
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Operator : MD/SY
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	285597	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	284789	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	173590	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76104	36.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.04%		
7) Chloroethane-d5	1.68	69	64756	35.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.62%		
11) 1,1-Dichloroethene-d2	2.27	63	107240	26.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.66%#		
21) 2-Butanone-d5	4.18	46	103830	74.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.06%		
24) Chloroform-d	4.65	84	129075	32.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	65.88%#		
26) 1,2-Dichloroethane-d4	5.31	65	83550	33.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.72%#		
32) Benzene-d6	5.34	84	270282	33.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.74%#		
36) 1,2-Dichloropropane-d6	6.33	67	85676	33.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	66.64%#		
41) Toluene-d8	7.57	98	243279	33.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	67.48%#		
43) trans-1,3-Dichloropropene-	7.85	79	38809	33.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.60%		
47) 2-Hexanone-d5	8.31	63	74126	73.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.34%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116511	32.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	64.98%#		
64) 1,2-Dichlorobenzene-d4	11.88	152	128463	35.57	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.14%#		

Target Compounds

					Qvalue
13) Acetone	2.32	43	3959	2.873 ug/L	90
29) Cyclohexane	5.00	56	5210	1.576 ug/L	98
31) Carbon tetrachloride	5.13	117	3998	1.317 ug/L	94
33) Benzene	5.39	78	128235	14.523 ug/L	100
35) Methylcyclohexane	6.42	83	18807	5.445 ug/L	# 78
46) Tetrachloroethene	8.23	164	1952	1.039 ug/L	88
51) Chlorobenzene	9.13	112	17312209m)	2855.443 ug/L	
62) 1,3-Dichlorobenzene	11.42	146	2452161	463.387 ug/L	99
63) 1,4-Dichlorobenzene	11.52	146	14927476	2561.775 ug/L	96
65) 1,2-Dichlorobenzene	11.89	146	24660266m)	4208.626 ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	10525	2.570 ug/L	99
68) 1,2,4-trichlorobenzene	13.52	180	16277738m)	4612.801 ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	2353011	605.509 ug/L	99

MD9/28/18

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