

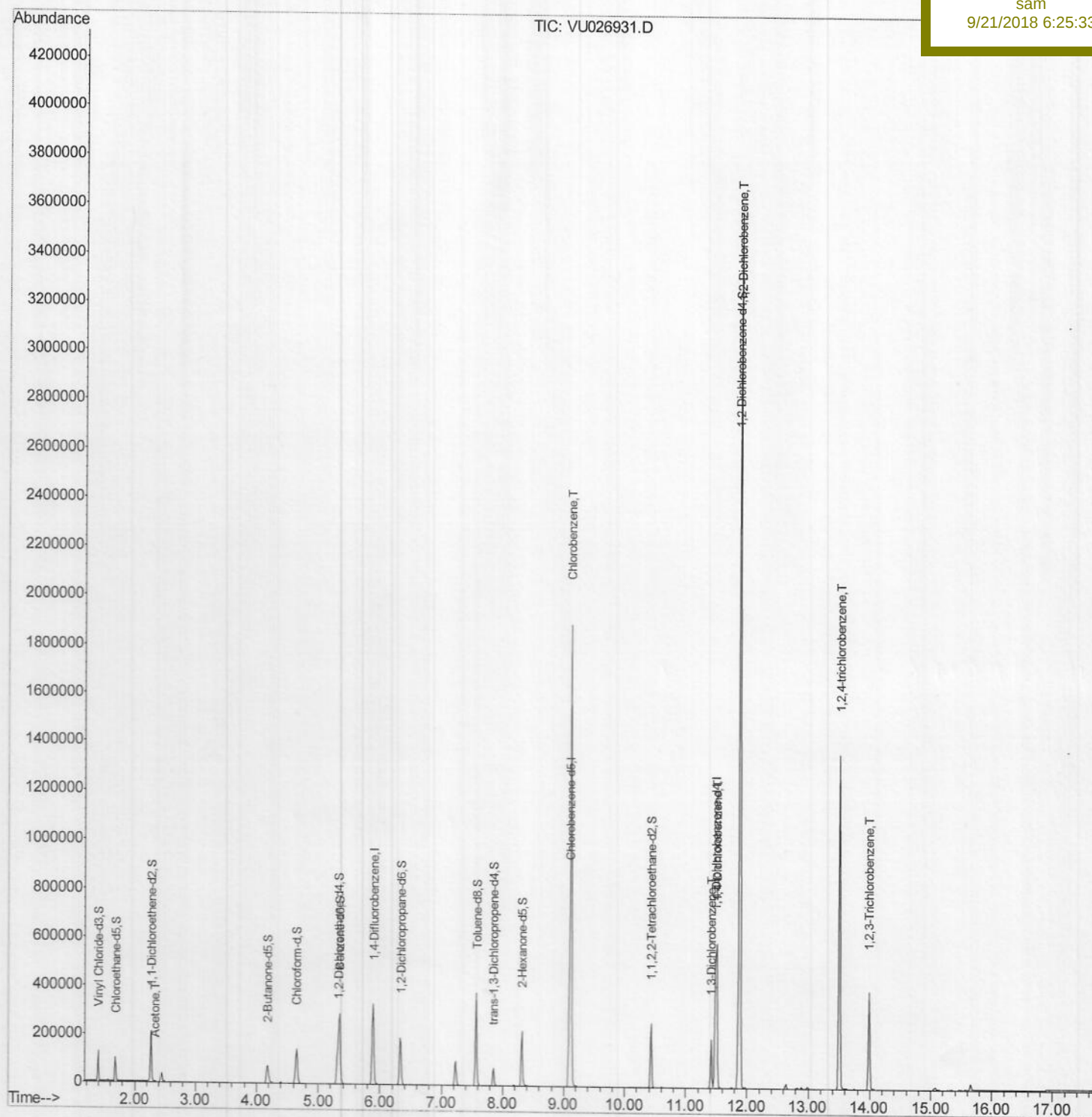
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092118\
Data File : VU026931.D
Acq On : 20 Sep 2018 12:20
Operator : MD/SY
Sample : J4893-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 27 05:15:35 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 :
C08K1

Manual Integrations
APPROVED

sam
9/21/2018 6:25:33 PM



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

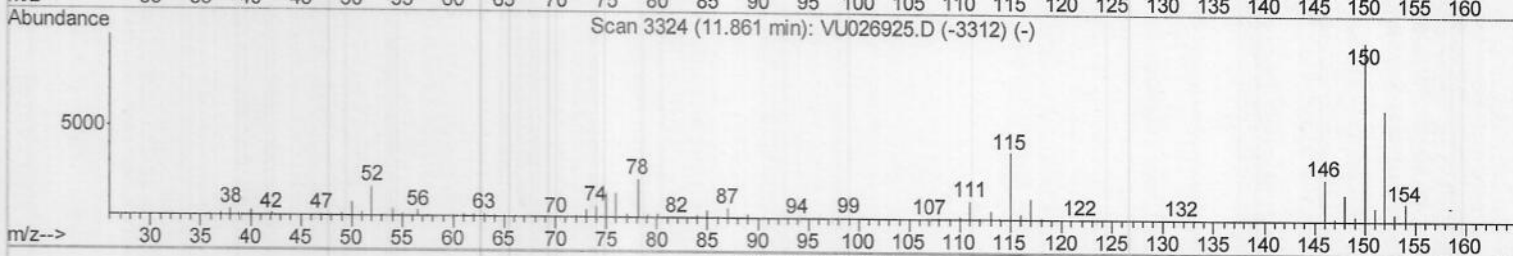
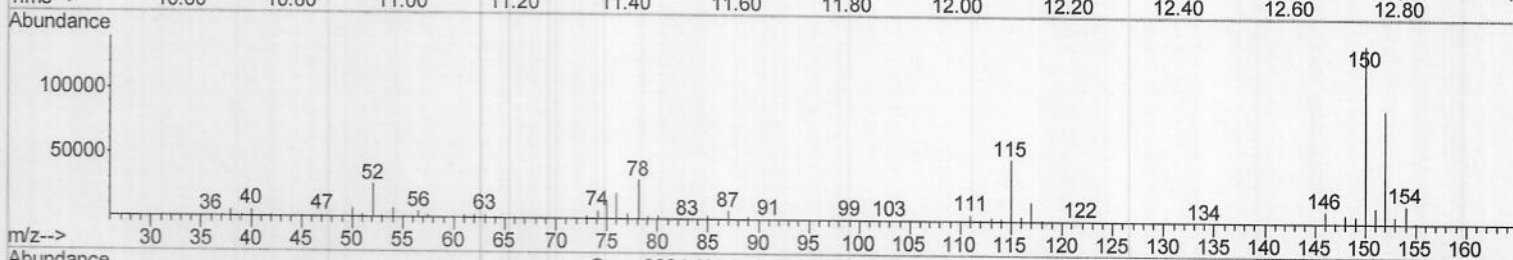
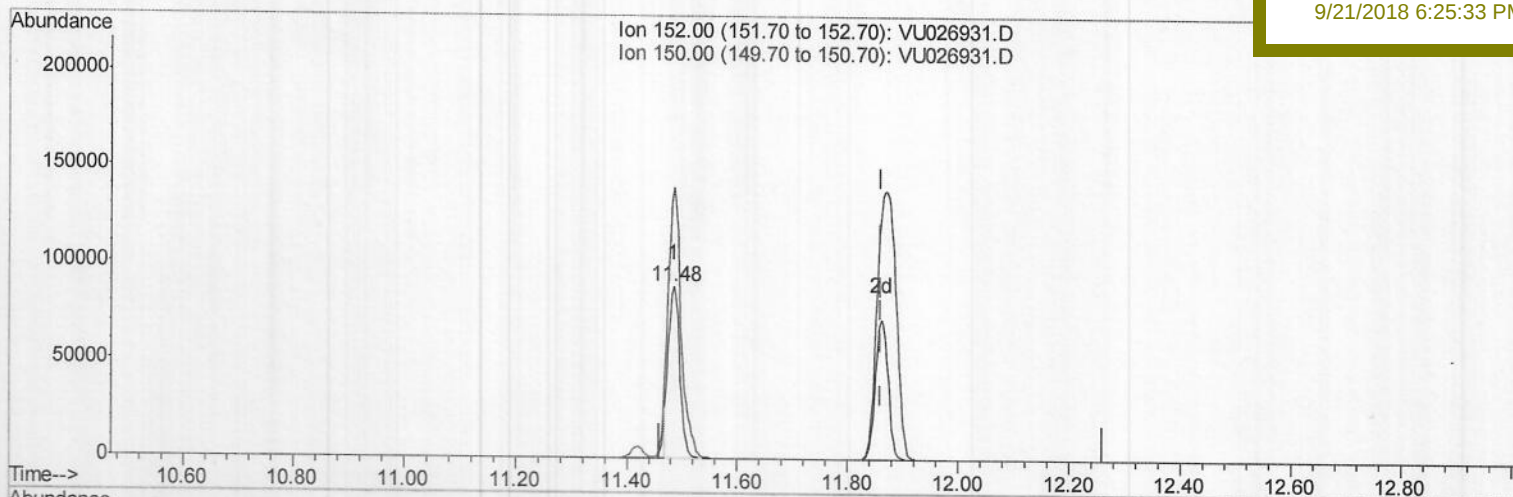
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(64) 1,2-Dichlorobenzene-d4 (S)

11.485min (-0.376) 44.29ug/L

response 125908

Ion	Exp%	Act%
152.00	100	100
150.00	172.50	173.44
0.00	0.00	0.00
0.00	0.00	0.00

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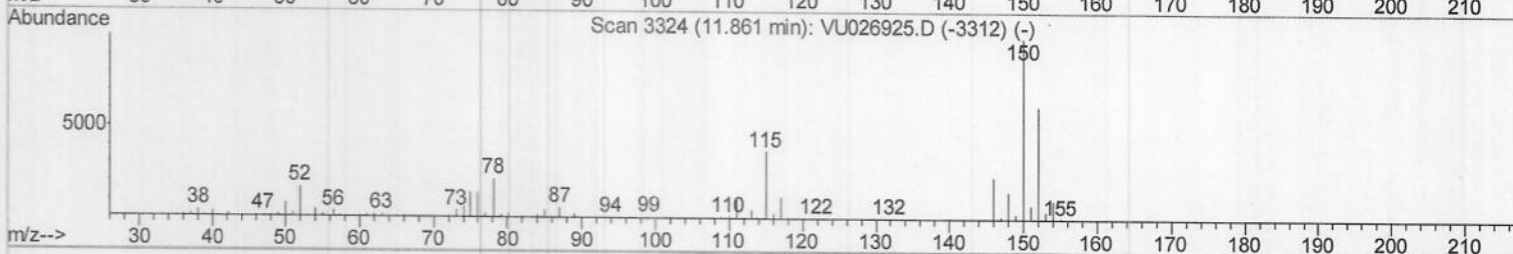
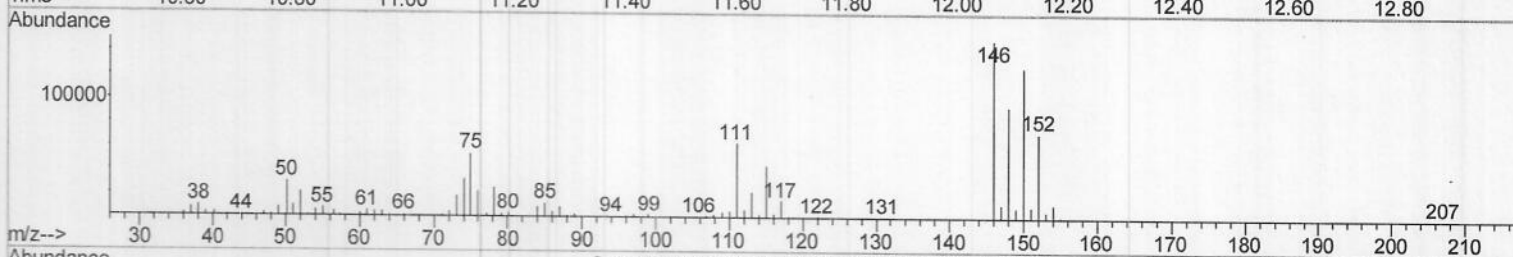
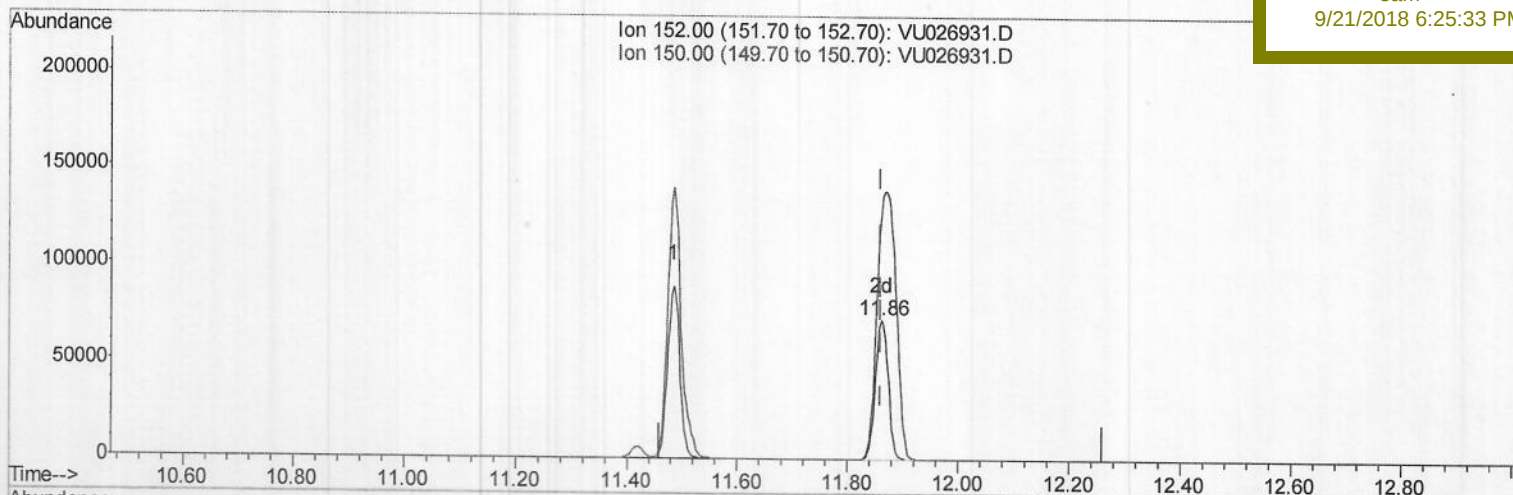
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sam
9/21/2018 6:25:33 PM



TIC: VU026931.D

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

11.861min (0.000) 40.77ug/L m)MD 9/28/18

response 115913

Ion	Exp%	Act%
152.00	100	100
150.00	172.50	188.40
0.00	0.00	0.00
0.00	0.00	0.00

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 ALS Vial : 8 Sample Multiplier: 1

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 MSVOA_U
 ClientSampleId :
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
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Manual Integrations
 APPROVED

sam
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.89	114	282145	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274270	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	136671	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82642	39.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.20%		
7) Chloroethane-d5	1.68	69	70553	39.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.98%		
11) 1,1-Dichloroethene-d2	2.27	63	119430	30.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.48%		
21) 2-Butanone-d5	4.18	46	114251	82.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.49%		
24) Chloroform-d	4.65	84	142076	36.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.40%		
26) 1,2-Dichloroethane-d4	5.31	65	91311	37.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.92%		
32) Benzene-d6	5.34	84	293795	38.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.44%		
36) 1,2-Dichloropropane-d6	6.33	67	96198	38.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.68%		
41) Toluene-d8	7.57	98	253803	36.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.10%#		
43) trans-1,3-Dichloropropene-	7.85	79	40076	36.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.48%		
47) 2-Hexanone-d5	8.31	63	76302	78.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.39%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127367	36.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	73.76%		
64) 1,2-Dichlorobenzene-d4	11.86	152	115913m	40.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.54%		

) M09/28/18

Target Compounds

					Qvalue
13) Acetone	2.32	43	2409	1.770	ug/L 91
51) Chlorobenzene	9.12	112	1030115	176.422	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	85518	20.526	ug/L 97
63) 1,4-Dichlorobenzene	11.51	146	227965	49.690	ug/L 100
65) 1,2-Dichlorobenzene	11.88	146	1455209	315.440	ug/L 100
68) 1,2,4-trichlorobenzene	13.50	180	445057	160.190	ug/L 100
70) 1,2,3-Trichlorobenzene	13.99	180	133842	43.746	ug/L 99

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