

(QT Reviewed)

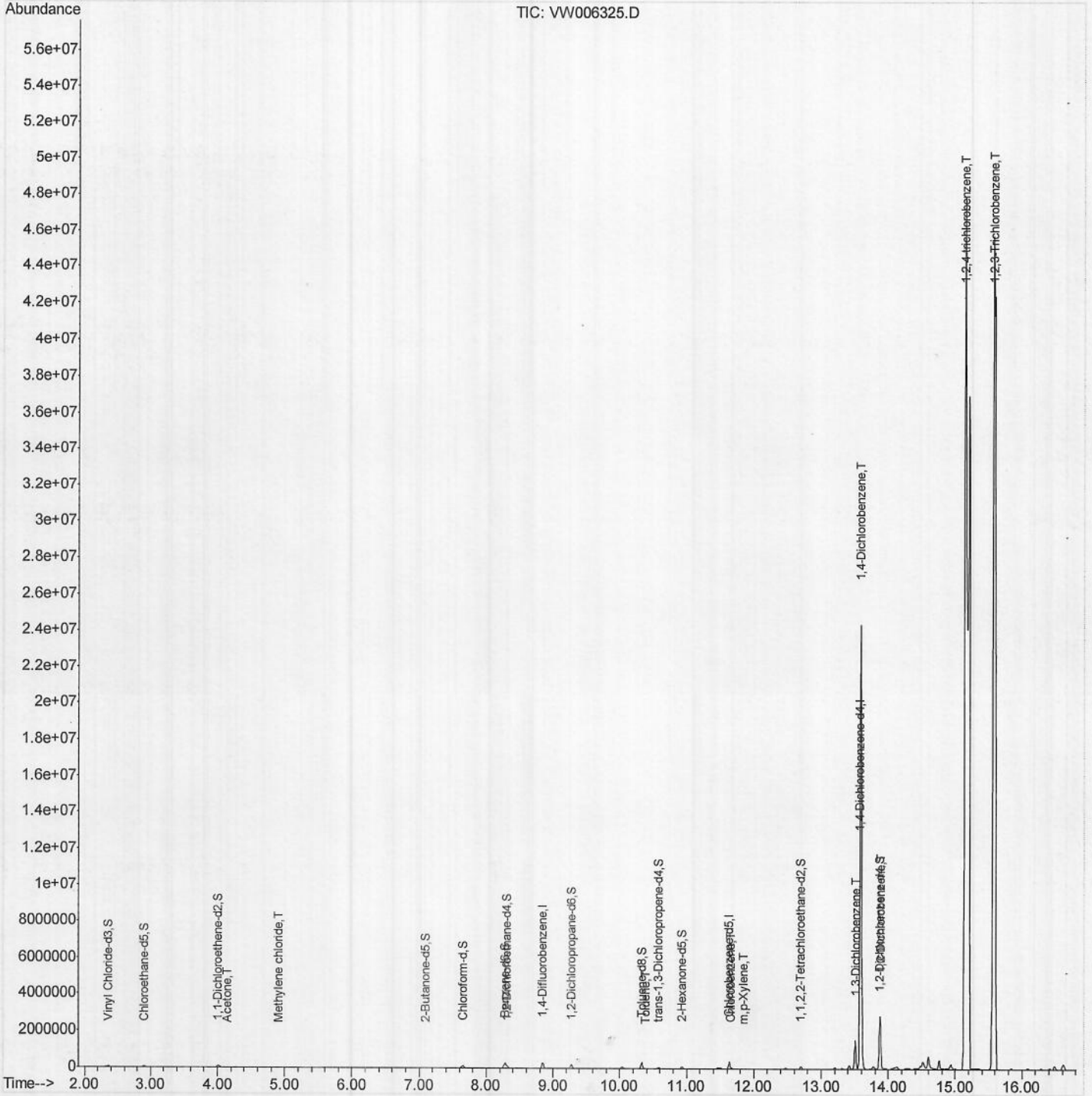
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
Data File : VW006325.D
Acq On : 24 Oct 2018 17:43
Operator : SY/AP
Sample : J5635-23
Misc : 5.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40F9

Quant Time: Oct 25 08:41:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration

Manual Integrations

MMDadoda
10/29/2018 5:57:40 PM



Quantitation Report (Qedit)

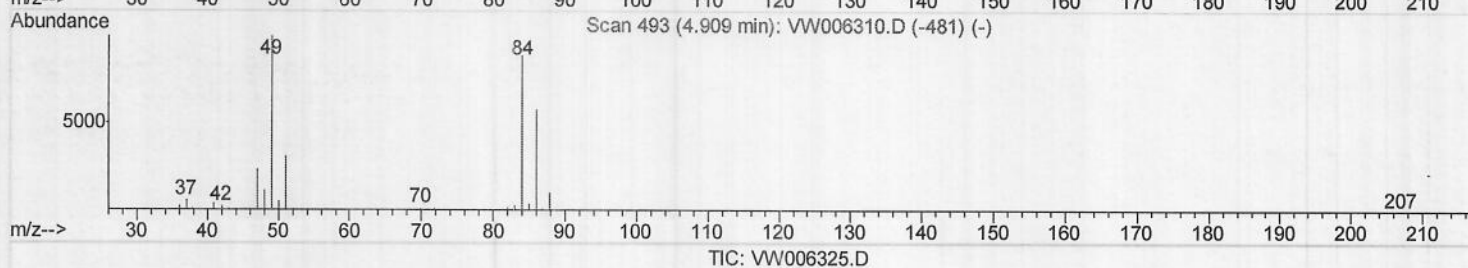
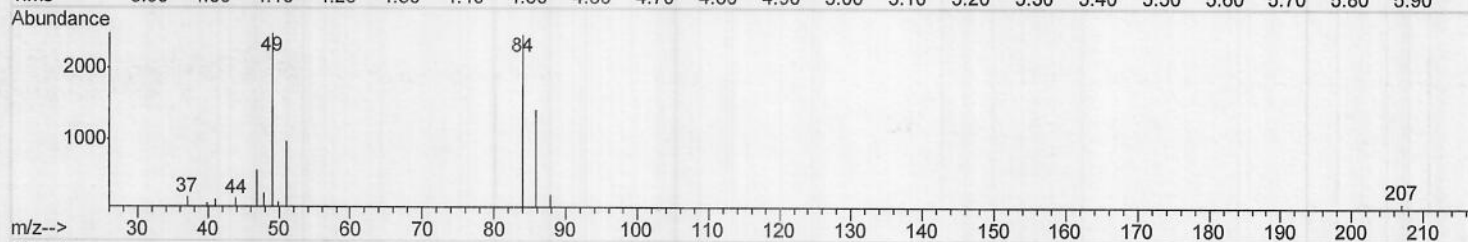
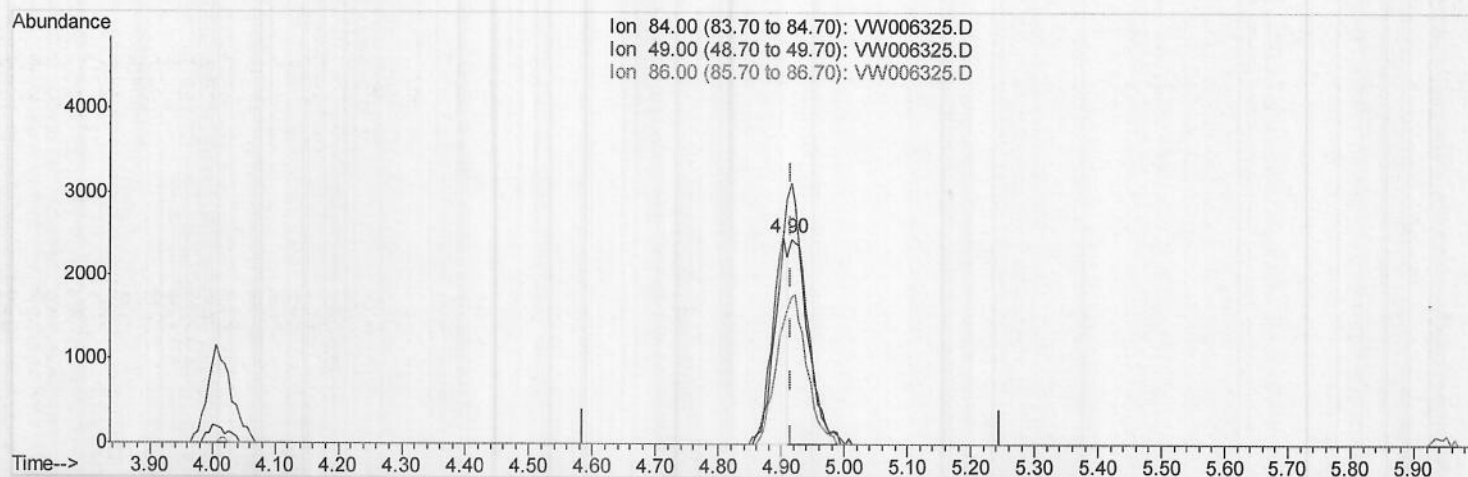
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(16) Methylene chloride (T)

4.903min (-0.012) 1.03ug/L

response 3749

Ion	Exp%	Act%
84.00	100	100
49.00	119.30	100.89
86.00	64.20	58.01
0.00	0.00	0.00

Quantitation Report (Qedit)

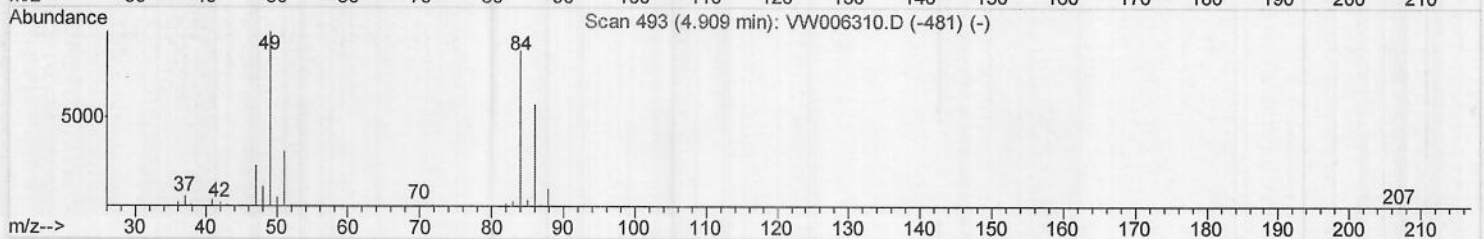
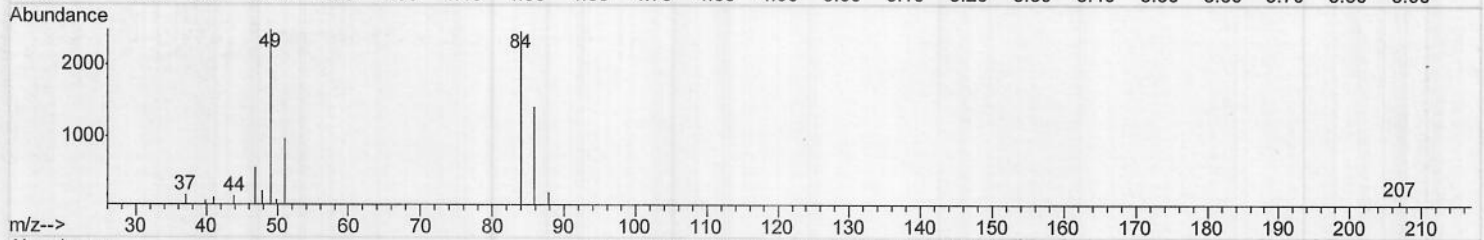
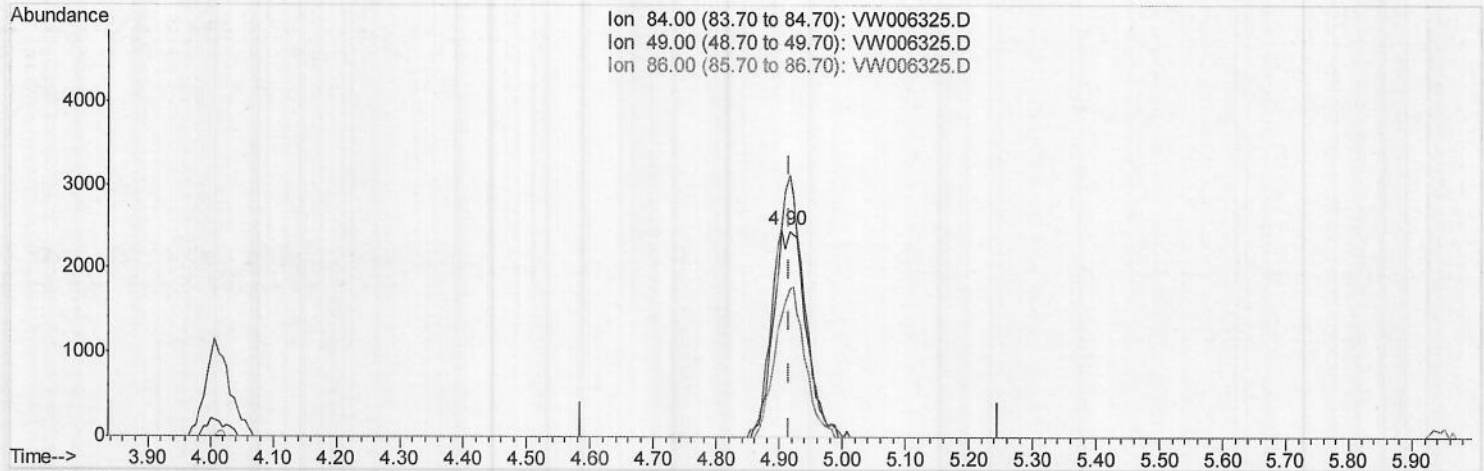
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TIC: VW006325.D

(16) Methylene chloride (T)

4.903min (-0.012) 2.43ug/L m 2 M04/14/18

response 8882

Ion	Exp%	Act%
84.00	100	100
49.00	119.30	100.89
86.00	64.20	58.01
0.00	0.00	0.00

Quantitation Report (Qedit)

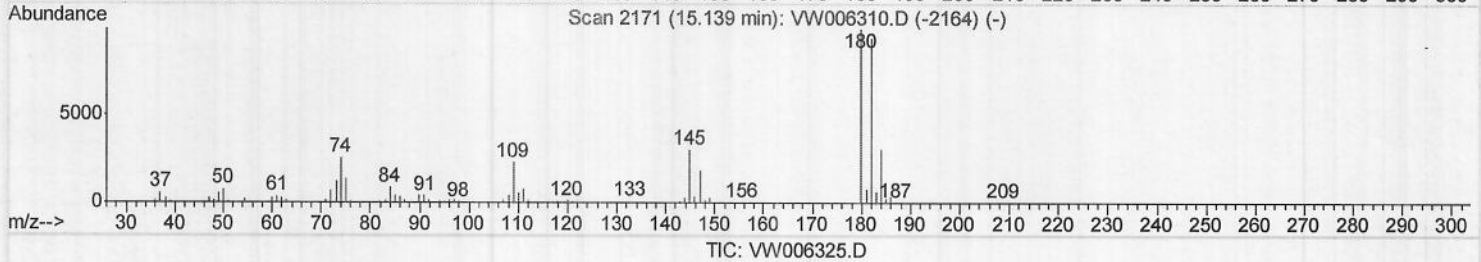
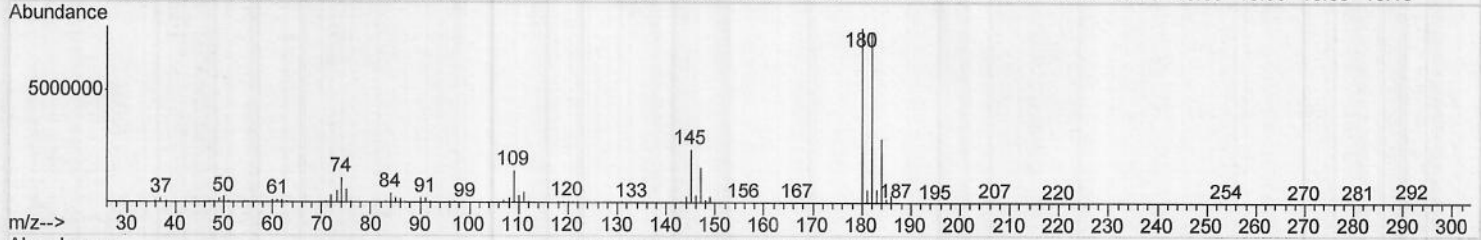
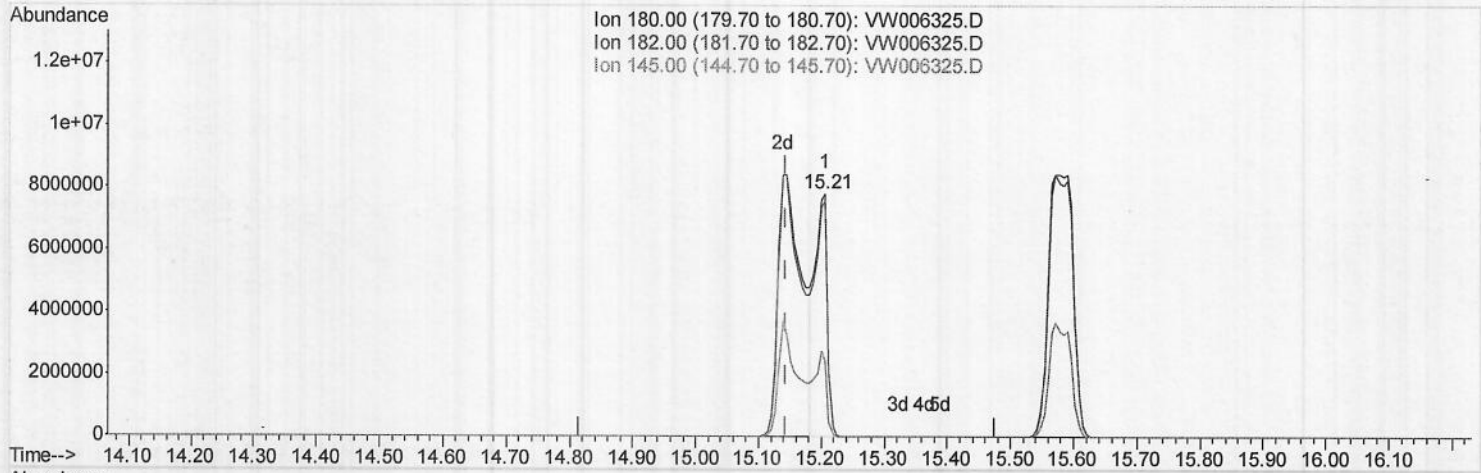
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(68) 1,2,4-trichlorobenzene (T)

15.206min (+0.061) 3038.90ug/L

response 10583664

Ion	Exp%	Act%
180.00	100	100
182.00	95.20	96.62
145.00	28.80	26.67
0.00	0.00	0.00

Quantitation Report (Qedit)

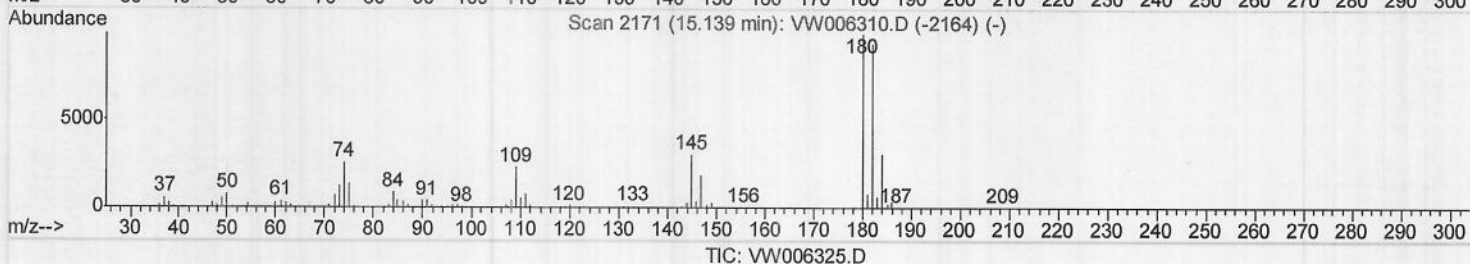
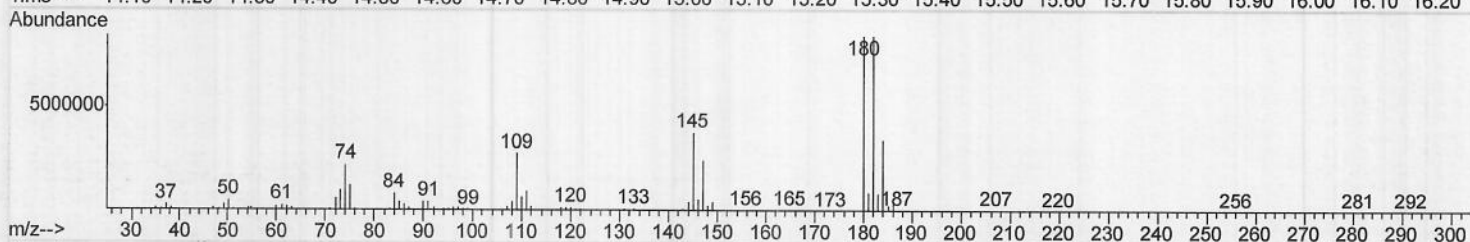
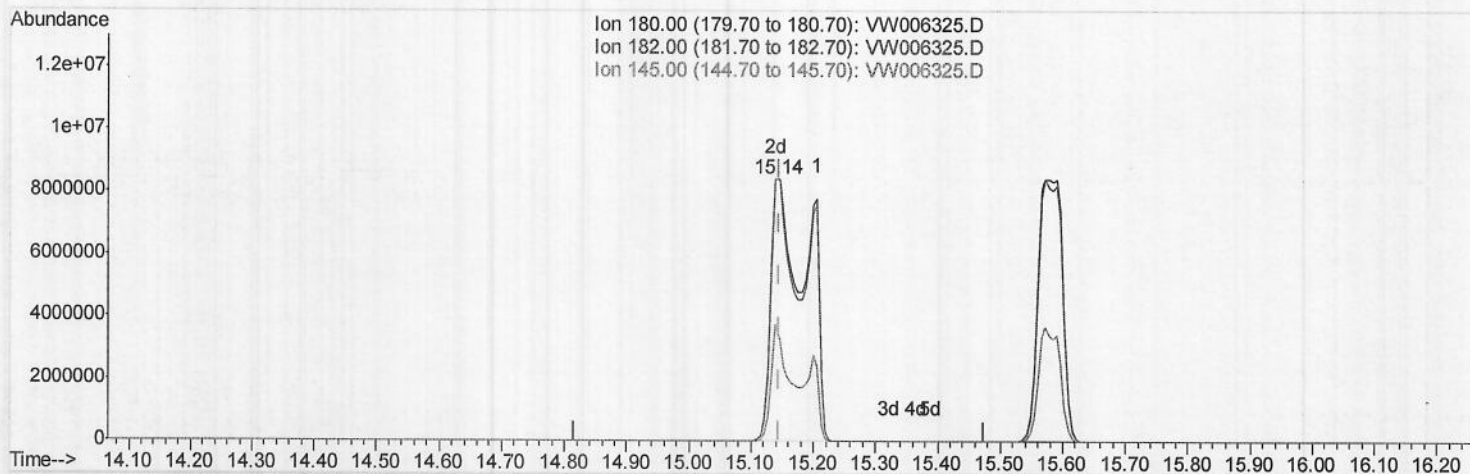
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(68) 1,2,4-trichlorobenzene (T)

15.139min (-0.006) 9278.21ug/L m) MDD114118

response 32313499

Ion	Exp%	Act%
180.00	100	100
182.00	95.20	31.65#
145.00	28.80	8.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

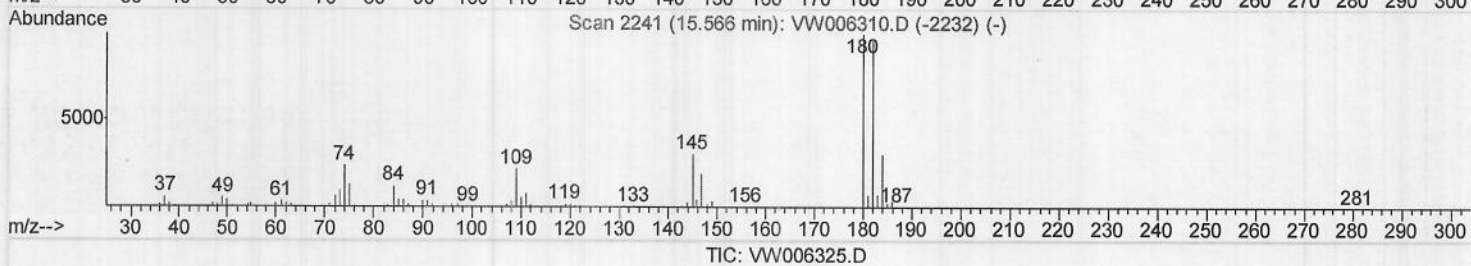
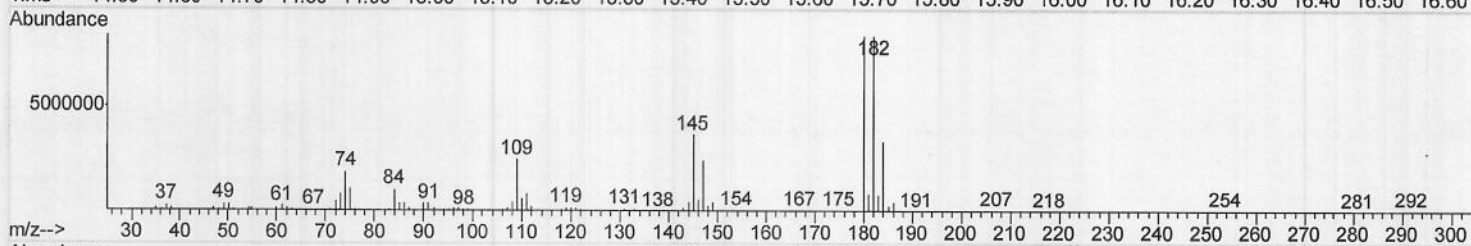
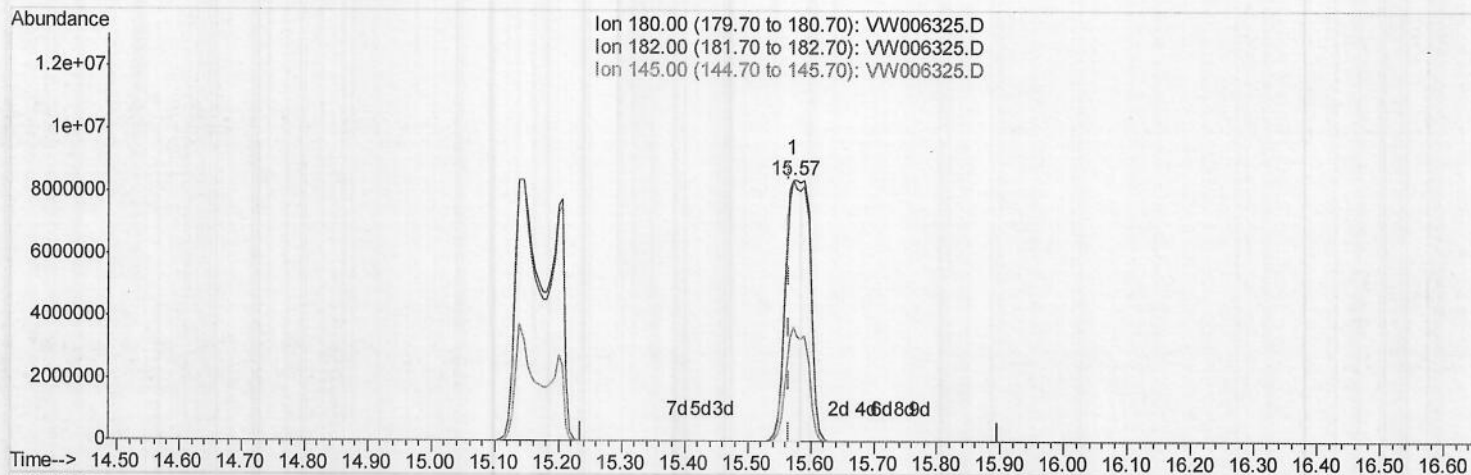
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Instrument :
 MSVOA_W
 ClientSampleId :
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Manual Integrations
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(70) 1,2,3-Trichlorobenzene (T)

15.572min (+0.006) 4838.57ug/L

response 15139107

Ion	Exp%	Act%
180.00	100	100
182.00	94.40	96.61
145.00	30.60	40.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

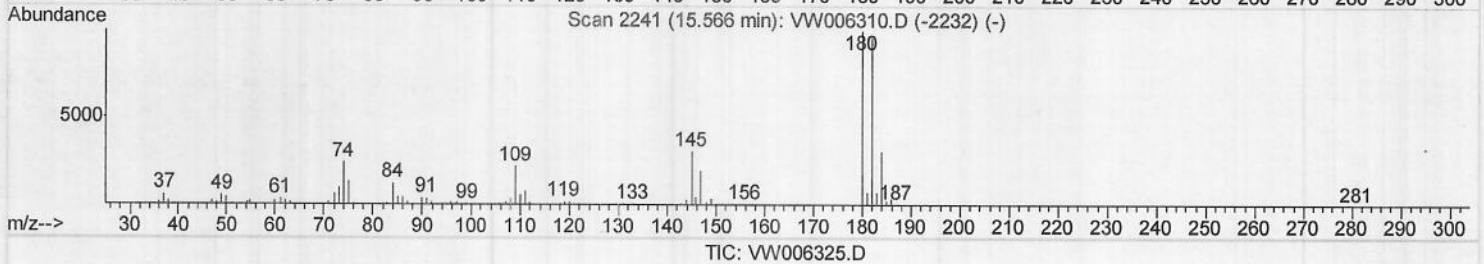
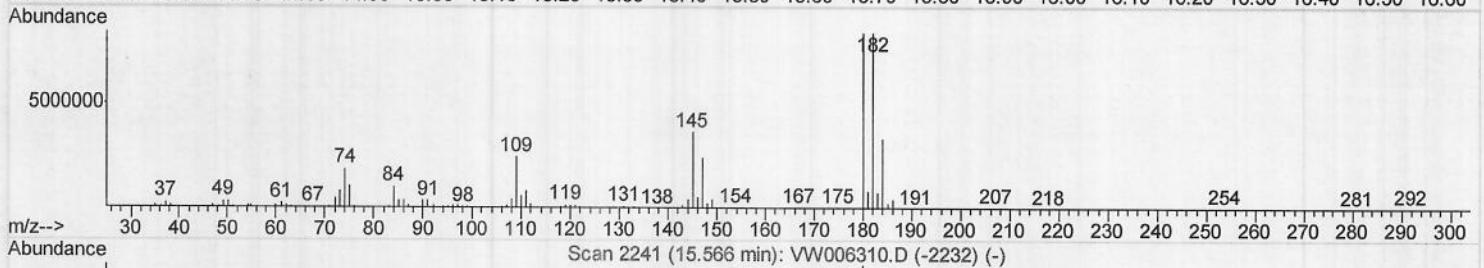
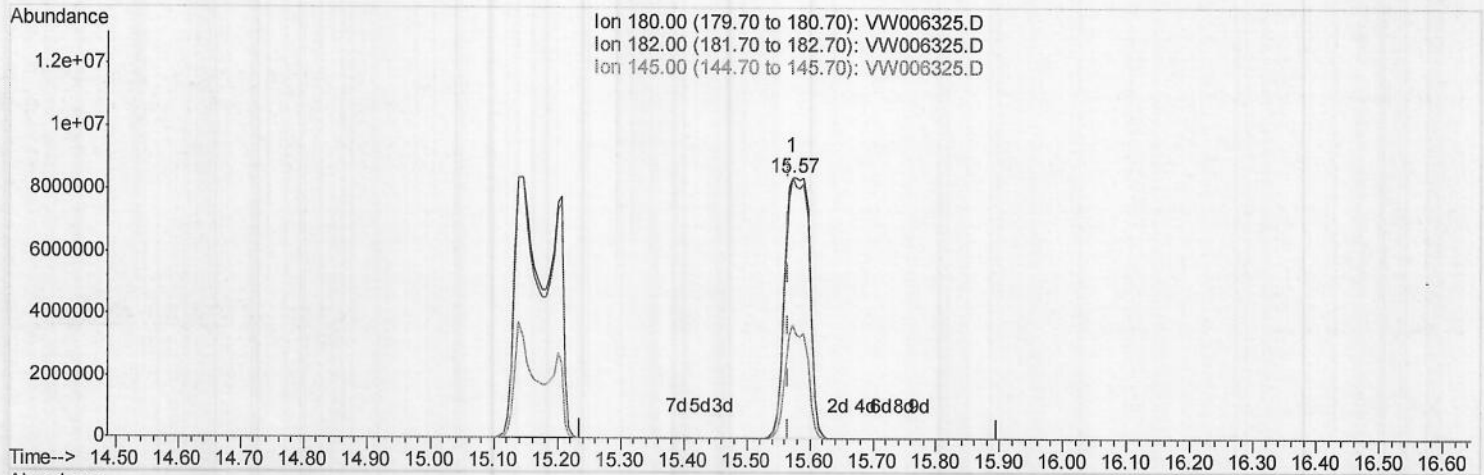
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Instrument :
 MSVOA_W
 ClientSampleId :
 A40F9

Manual Integrations
 APPROVED

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(70) 1,2,3-Trichlorobenzene (T)

15.572min (+0.006) 7315.10ug/L m

response 22887765

Ion	Exp%	Act%
180.00	100	100
182.00	94.40	63.90#
145.00	30.60	26.46
0.00	0.00	0.00

MD 11/14/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.85	114	283232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	213533	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	82510	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68465	21.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.72%		
7) Chloroethane-d5	2.90	69	67380	24.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.04%		
10) 1,1-Dichloroethene-d2	4.01	63	101999	16.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.52%		
20) 2-Butanone-d5	7.09	46	46898	44.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.58%		
24) Chloroform-d	7.65	84	154760	25.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.88%		
26) 1,2-Dichloroethane-d4	8.31	65	90095	26.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.16%		
29) Benzene-d6	8.28	84	295033	30.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	121.72%		
33) 1,2-Dichloropropane-d6	9.28	67	89808	30.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	122.76%#		
37) Toluene-d8	10.33	98	245336	25.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.24%		
38) trans-1,3-Dichloropropene-	10.58	79	34182	24.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.16%		
39) 2-Hexanone-d5	10.93	63	39713	56.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.34%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75476	26.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.12%		
61) 1,2-Dichlorobenzene-d4	13.86	152	62341	22.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.16%		

Target Compounds

					Qvalue
13) Acetone	4.14	43	16392	15.325 ug/L	99
16) Methylene chloride	4.90	84	8882m)	2.429 ug/L	
44) Toluene	10.39	91	3528	0.287 ug/L	96
52) Chlorobenzene	11.66	112	16915	2.031 ug/L	97
54) m,p-Xylene	11.84	106	3087	0.550 ug/L	88
63) 1,3-Dichlorobenzene	13.51	146	660048	130.265 ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	10174086	1993.945 ug/L	93
65) 1,2-Dichlorobenzene	13.88	146	1185720	254.375 ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	32313499m)	9278.211 ug/L	
70) 1,2,3-Trichlorobenzene	15.57	180	22887765m)	7315.101 ug/L	

MD11/14/18

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