

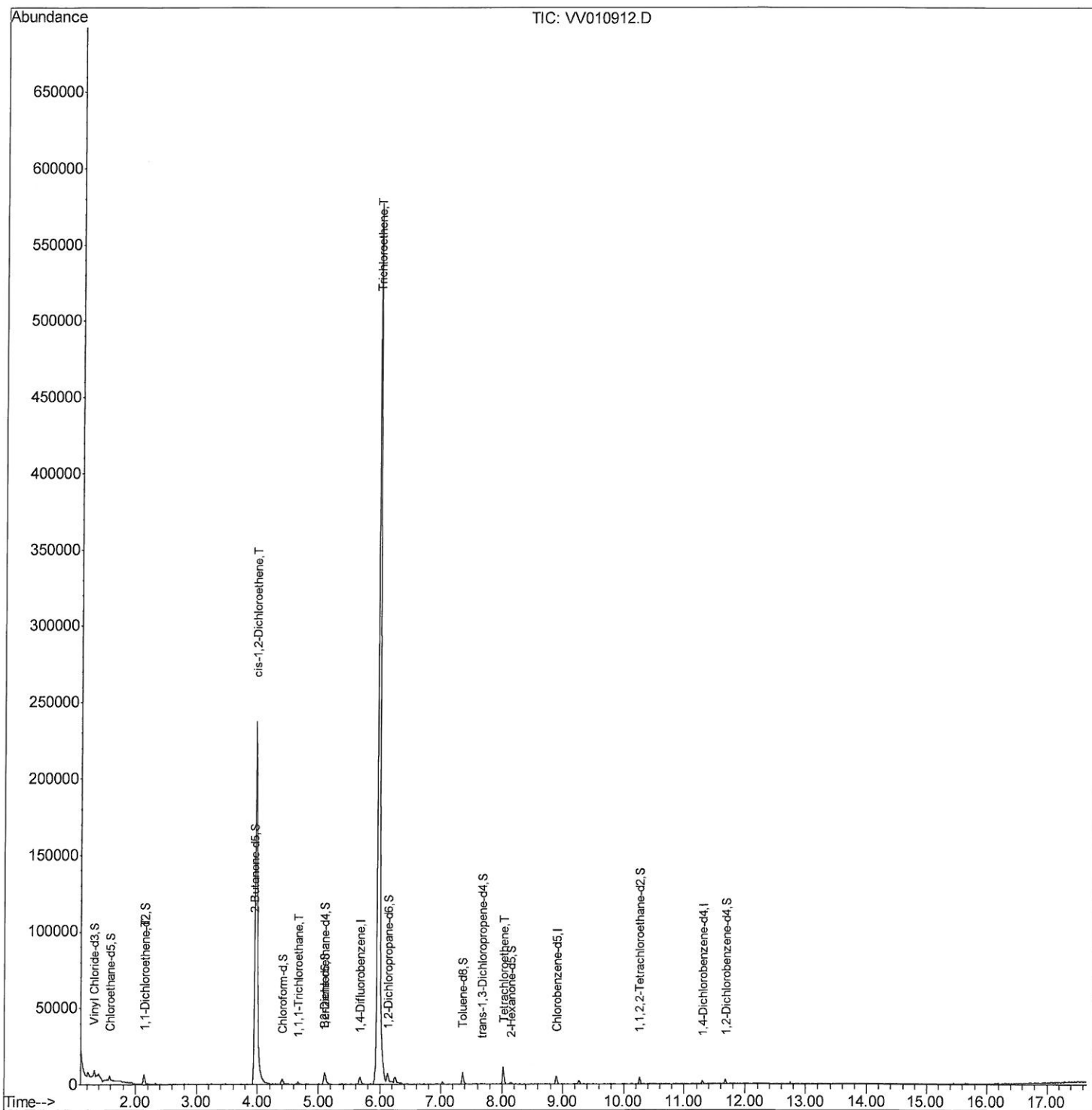
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV051419\
Data File : VV010912.D
Acq On : 15 May 2019 23:39
Operator : SY/MD
Sample : K2788-14
Misc : 6.62G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A4

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:21 AM

Quant Time: May 16 08:55:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

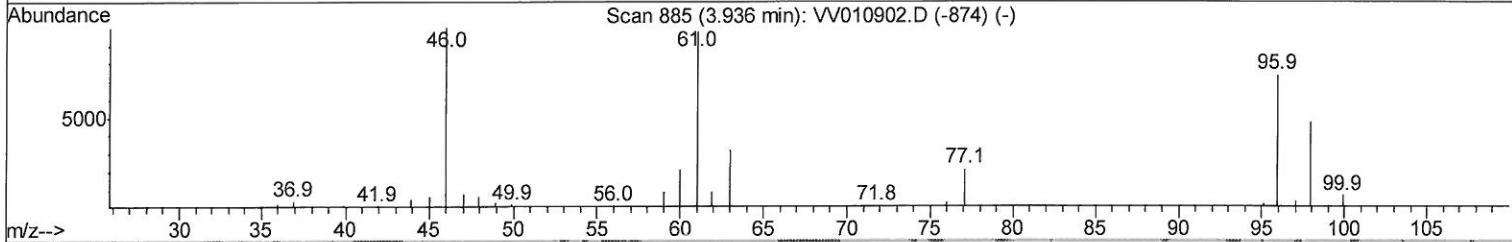
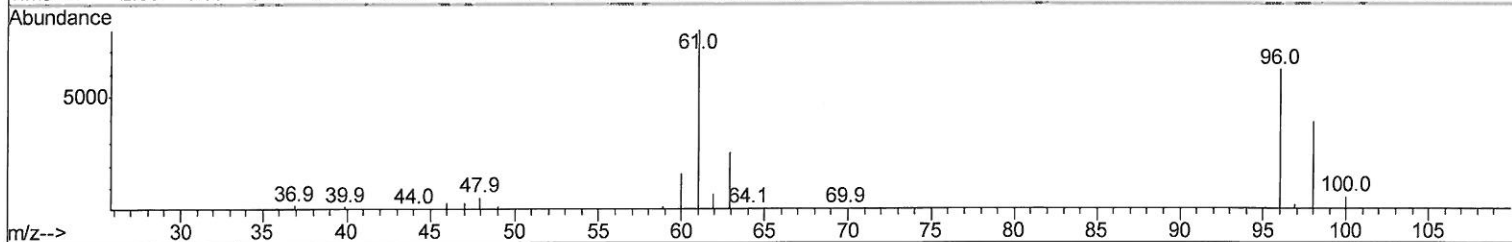
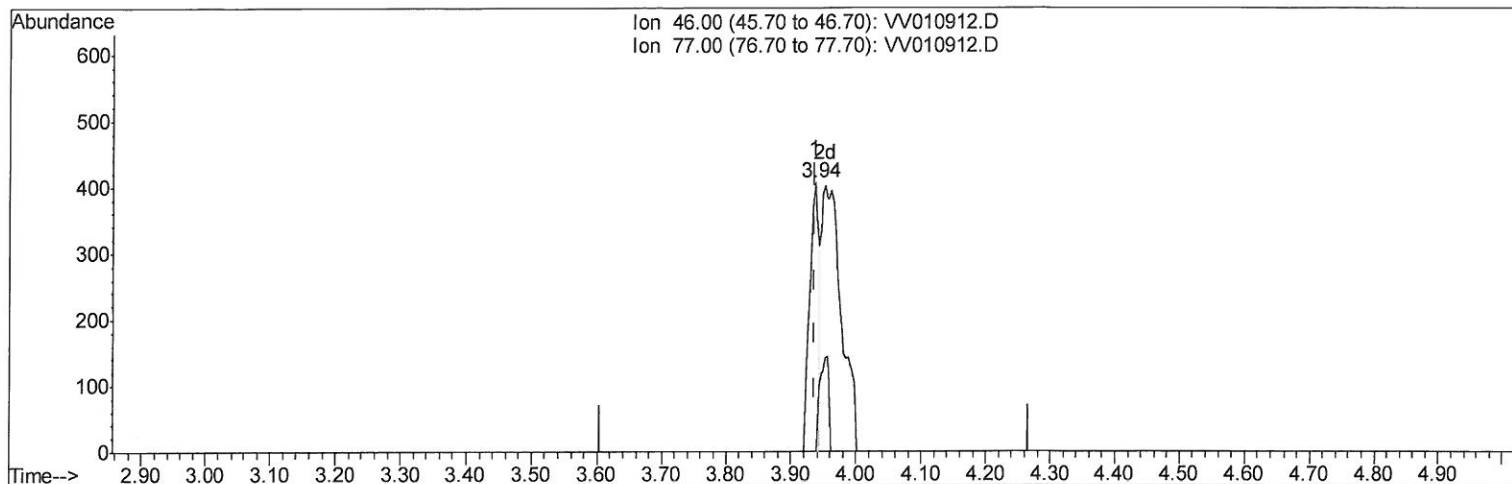
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TIC: VV010912.D

(20) 2-Butanone-d5 (S)
 3.936min (+0.000) 19.29ug/L
 response 391

Ion	Exp%	Act%
46.00	100	100
77.00	22.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

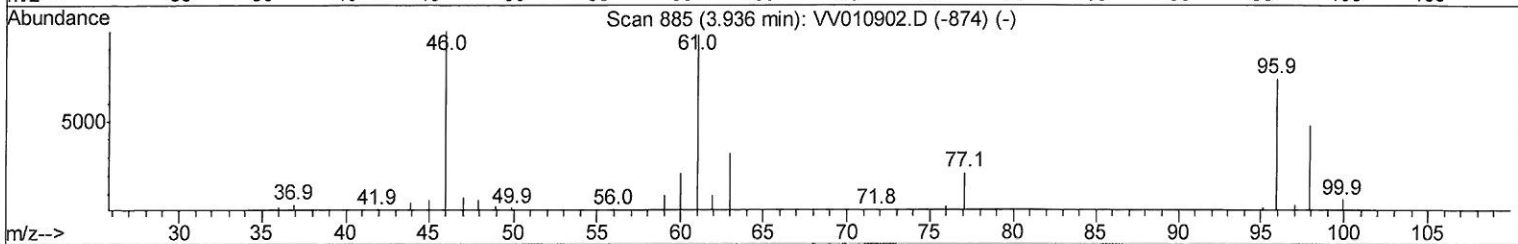
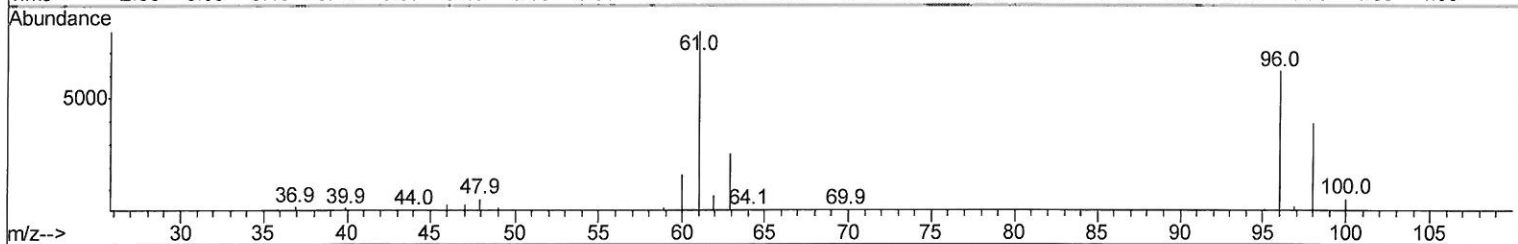
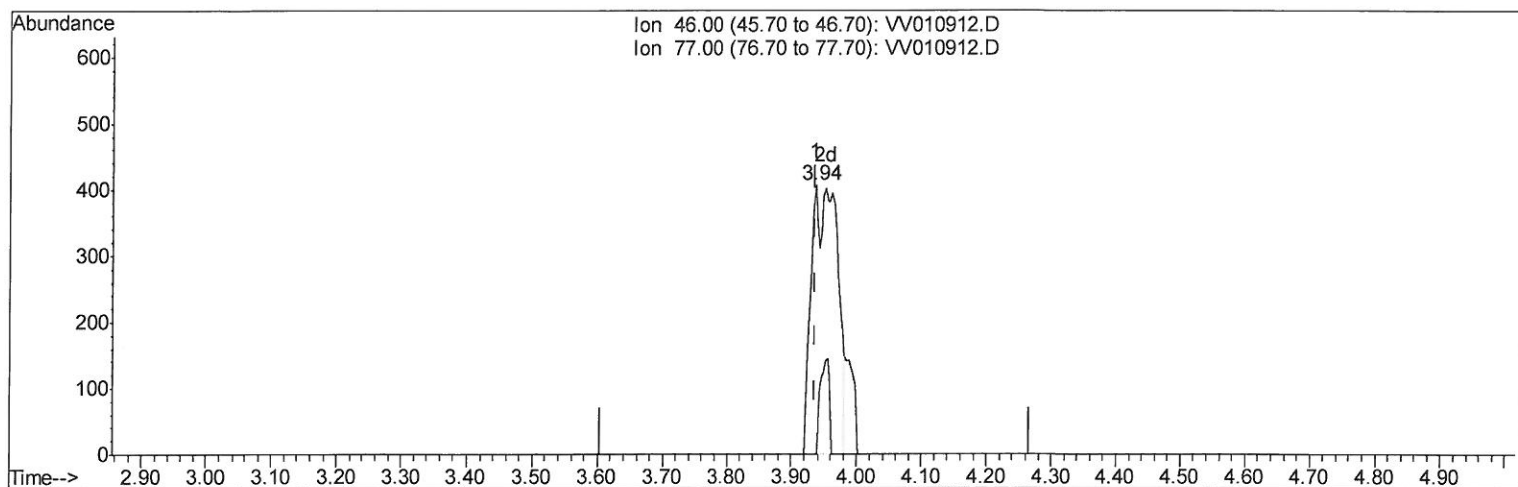
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TIC: VV010912.D

(20) 2-Butanone-d5 (S)

3.936min (+0.000) 55.40ug/L m

205/20/19 Sy

response 1123

Ion	Exp%	Act%
46.00	100	100
77.00	22.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

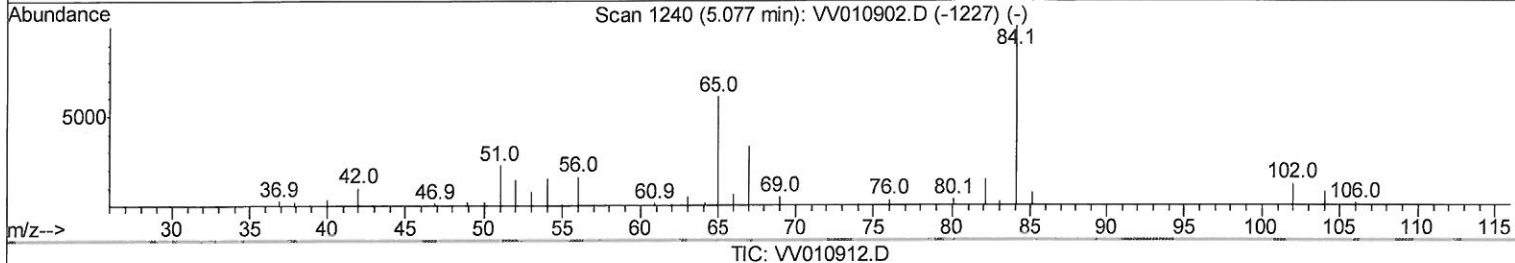
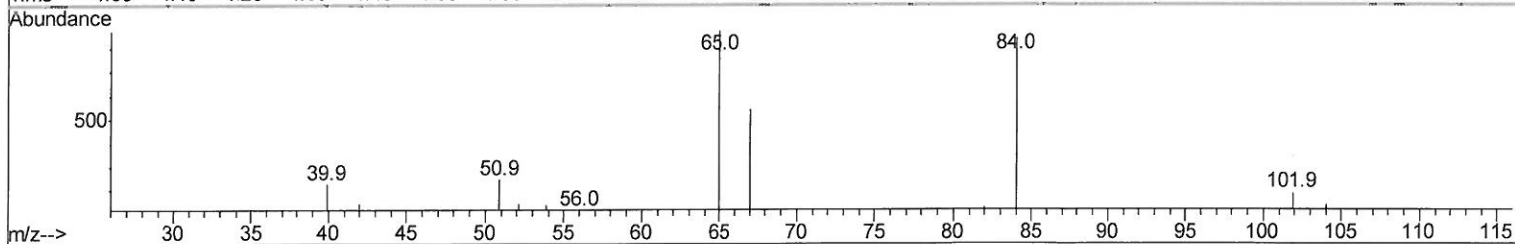
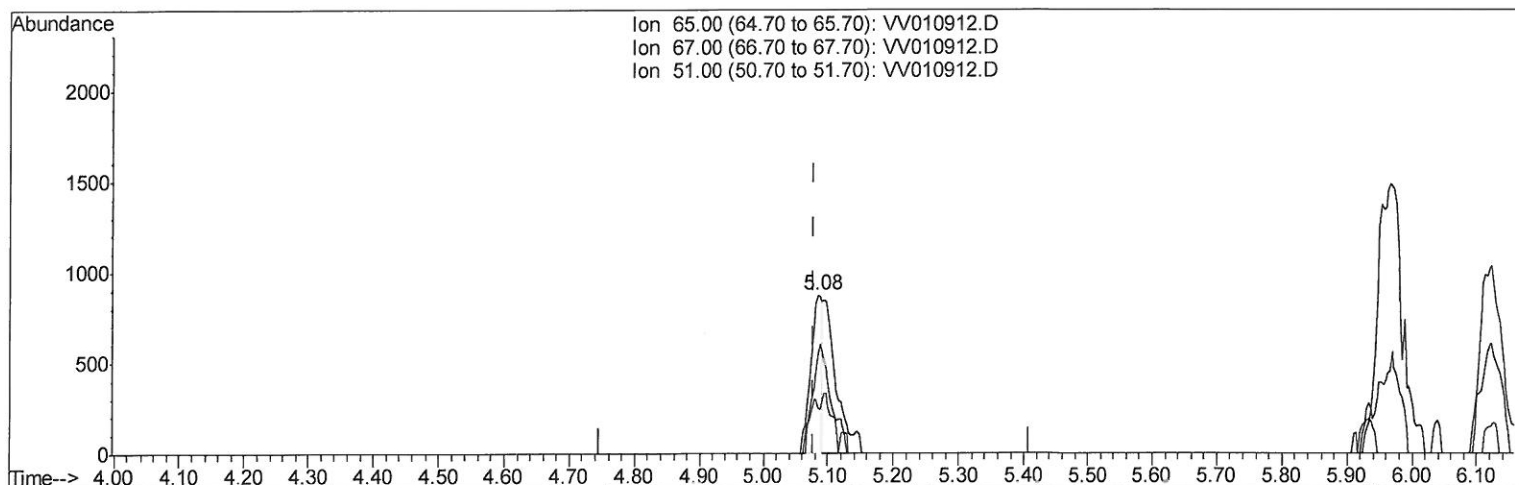
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ClientSampled :
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(26) 1,2-Dichloroethane-d4 (S)

5.084min (+0.006) 12.90ug/L

response 1071

Ion	Exp%	Act%
65.00	100	100
67.00	53.50	98.51#
51.00	37.20	35.48
0.00	0.00	0.00

Quantitation Report (Qedit)

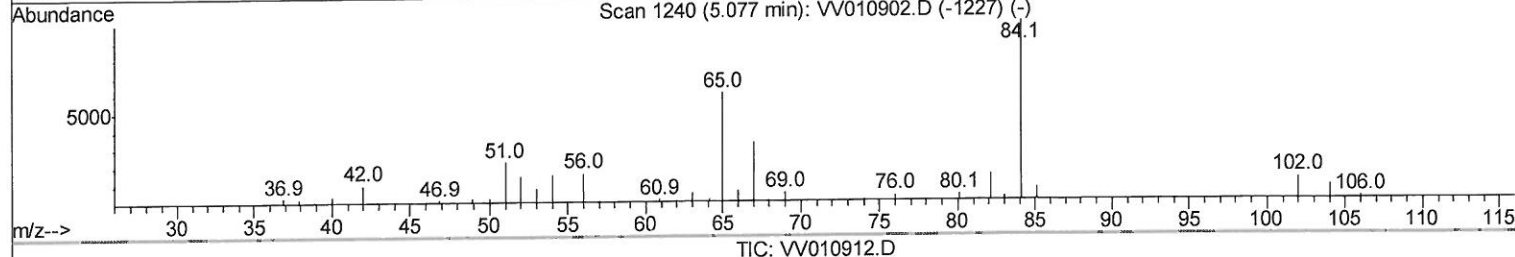
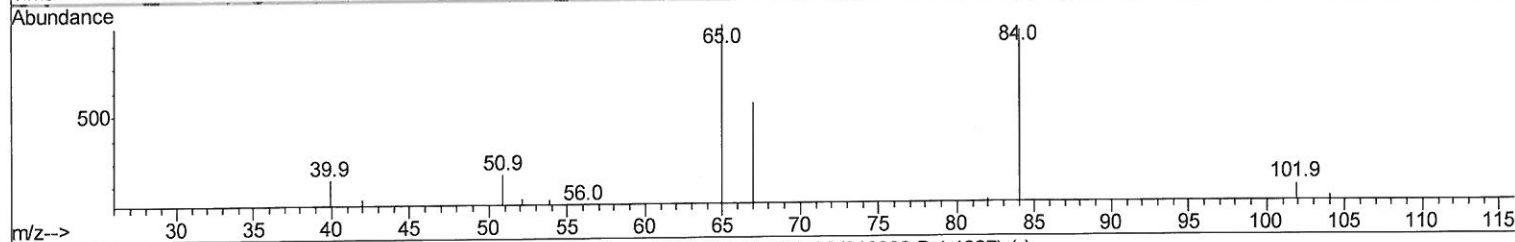
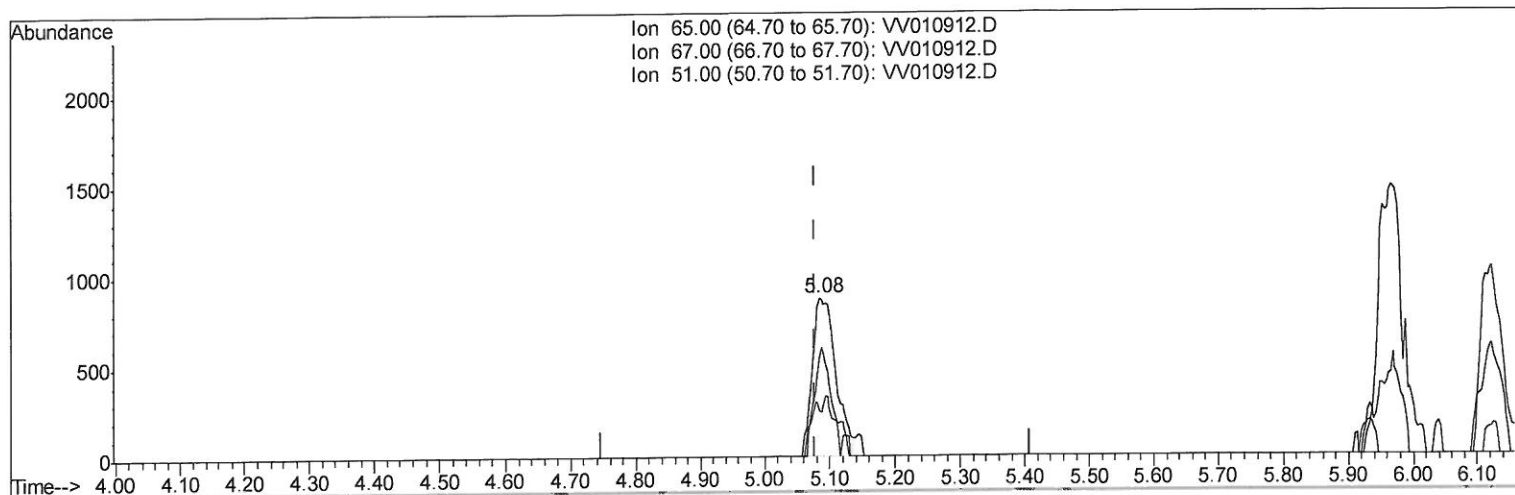
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 Sample : K2788-14
 Misc : 6.62G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :
 A51A4

Manual Integrations
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 Response via : Initial Calibration



(26) 1,2-Dichloroethane-d4 (S)

5.084min (+0.006) 26.47ug/L m

response 2197

Ion	Exp%	Act%
65.00	100	100
67.00	53.50	48.02
51.00	37.20	17.30#
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	5057	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	3592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	800	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	2092	32.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 129.88%			
7) Chloroethane-d5	1.58	69	1933	46.04	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 184.16%#			
10) 1,1-Dichloroethene-d2	2.14	63	3398	27.87	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 111.48%#			
20) 2-Butanone-d5	3.94	46	1123m	55.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.80%			
24) Chloroform-d	4.41	84	4224	28.93	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 115.72%			
26) 1,2-Dichloroethane-d4	5.08	65	2197m	26.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.88%			
29) Benzene-d6	5.10	84	7394	37.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 148.76%#			
33) 1,2-Dichloropropane-d6	6.12	67	2381	37.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 150.16%#			
37) Toluene-d8	7.37	98	5593	29.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 117.08%			
38) trans-1,3-Dichloropropene-	7.67	79	460	16.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.48%			
39) 2-Hexanone-d5	8.14	63	346	28.79	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.58%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2118	36.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 144.00%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	947	28.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.36%			
Target Compounds						
12) 1,1-Dichloroethene	2.15	96	534	9.163	ug/L #	1
22) cis-1,2-Dichloroethene	3.97	96	148343	1826.066	ug/L	98
31) 1,1,1-Trichloroethane	4.67	97	1025	13.138	ug/L #	68
35) Trichloroethene	5.96	95	230491	4247.788	ug/L	99
47) Tetrachloroethene	8.02	164	2497	62.278	ug/L	88

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