

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003715.D
 Acq On : 10 Dec 2020 13:34
 Operator : SY/MD
 Sample : L4980-04
 Misc : 5.38G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

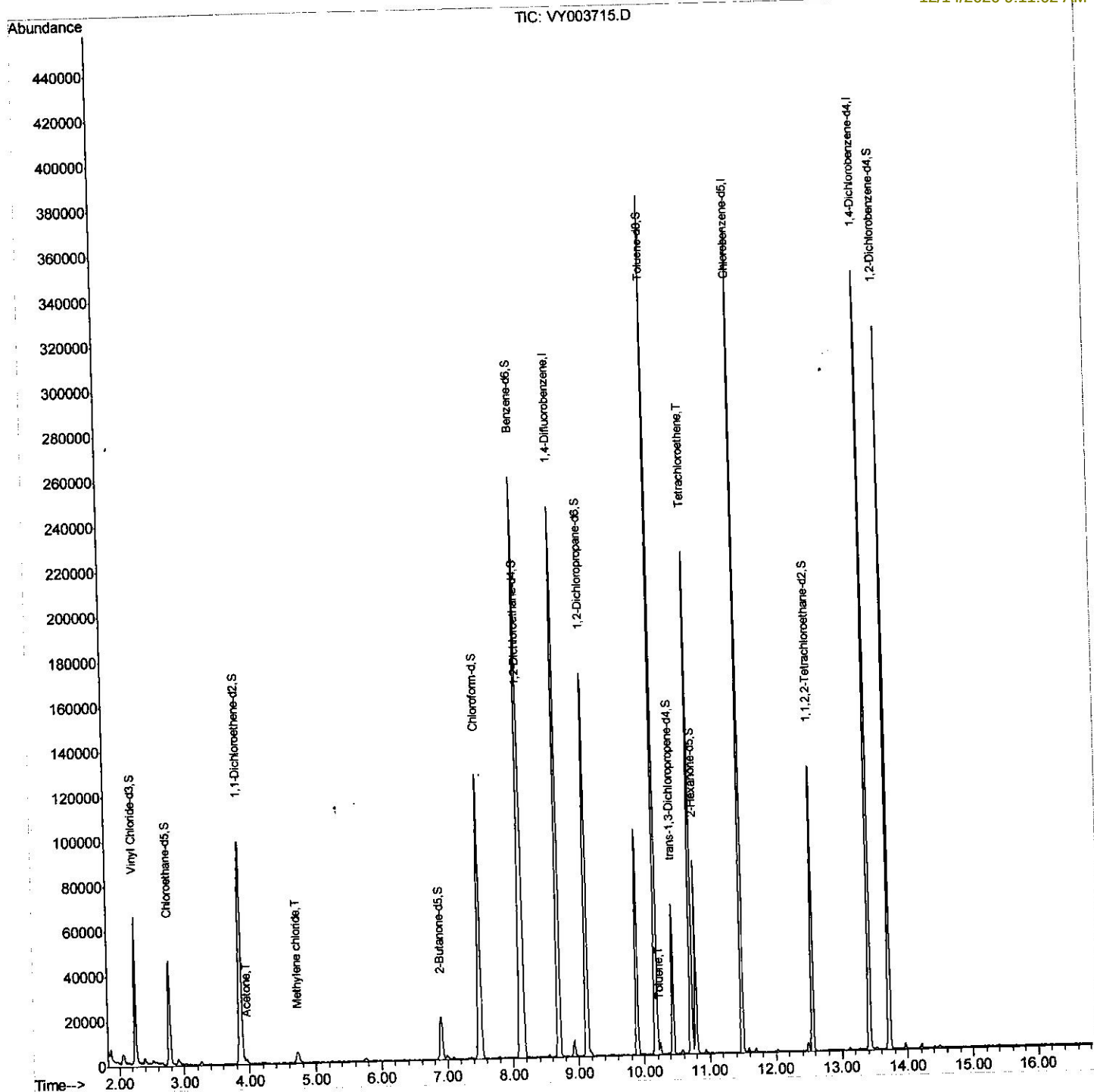
Instrument :
 MSVOA_Y
 ClientSampled :
 GB1E9

Quant Time: Dec 13 19:32:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda

12/14/2020 9:11:02 AM



Quantitation Report (Qedit)

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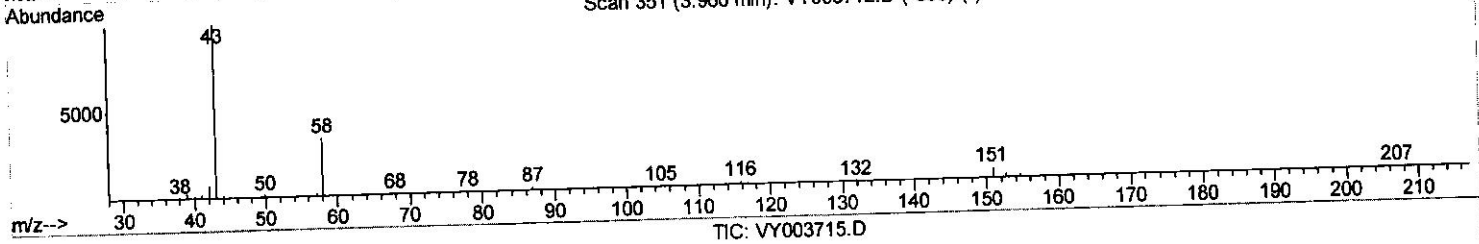
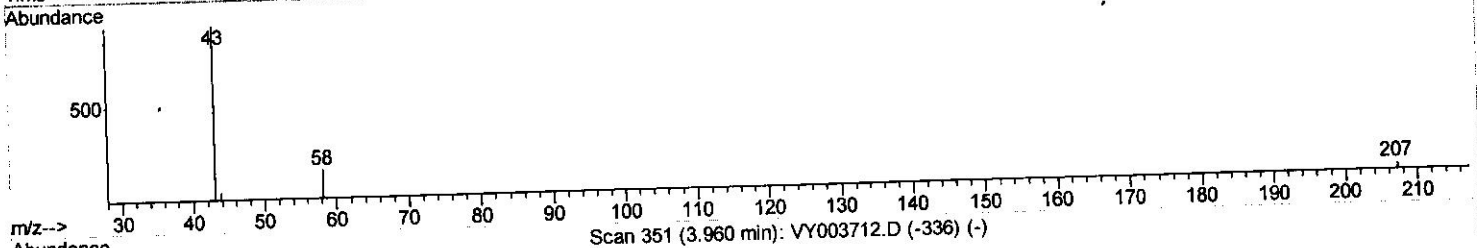
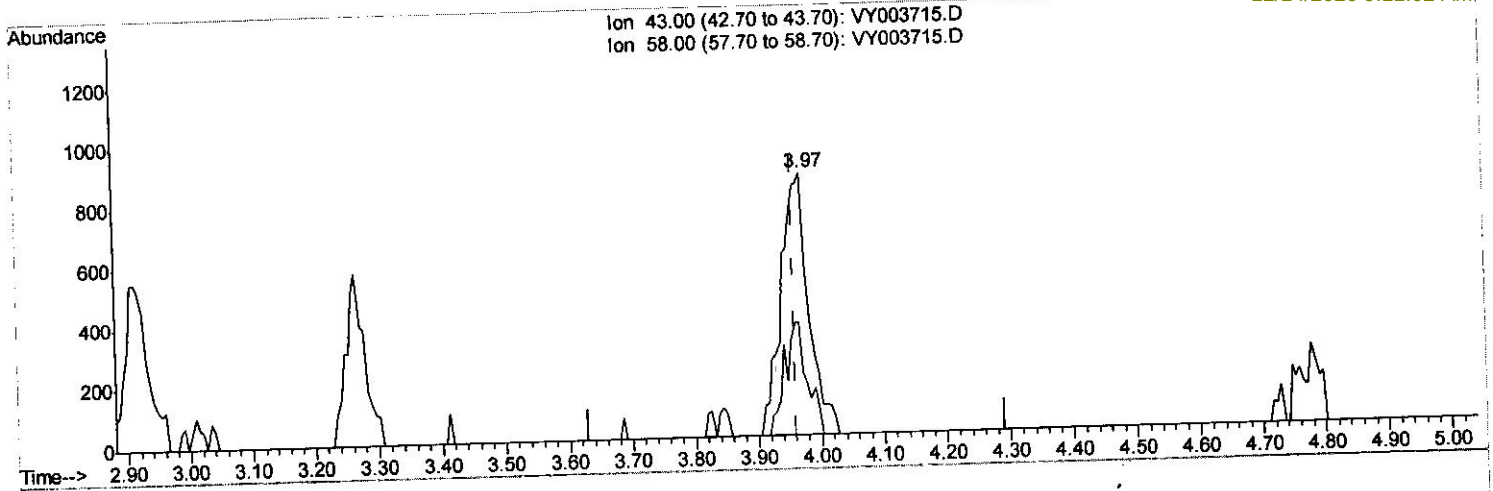
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(13) Acetone (T)

3.972min (+0.012) 2.32ug/L

response 1855

Ion	Exp%	Act%
43.00	100	100
58.00	34.40	35.15
0.00	0.00	0.00
0.00	0.00	0.00

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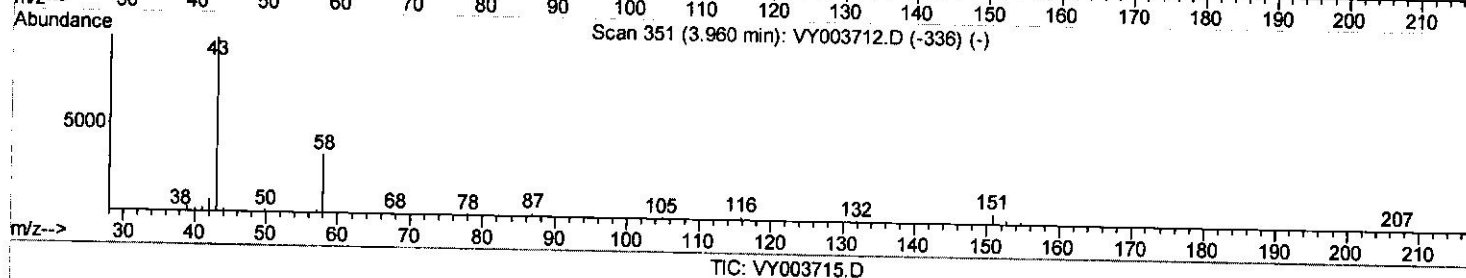
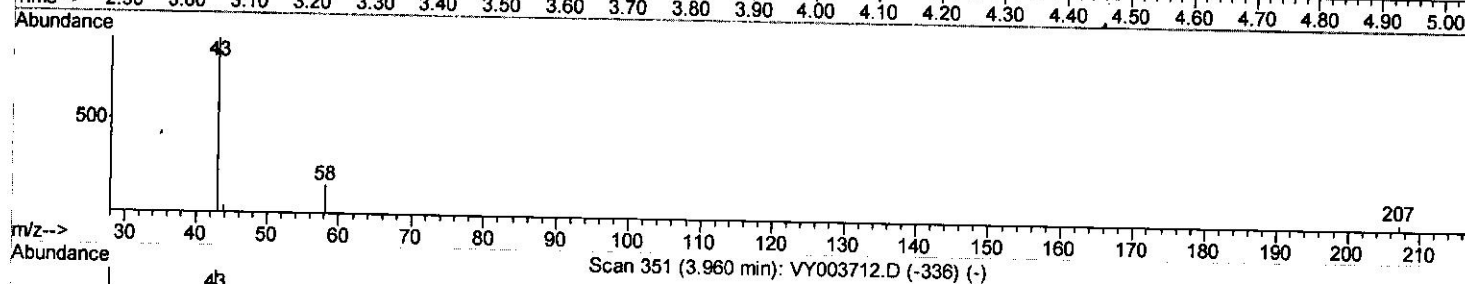
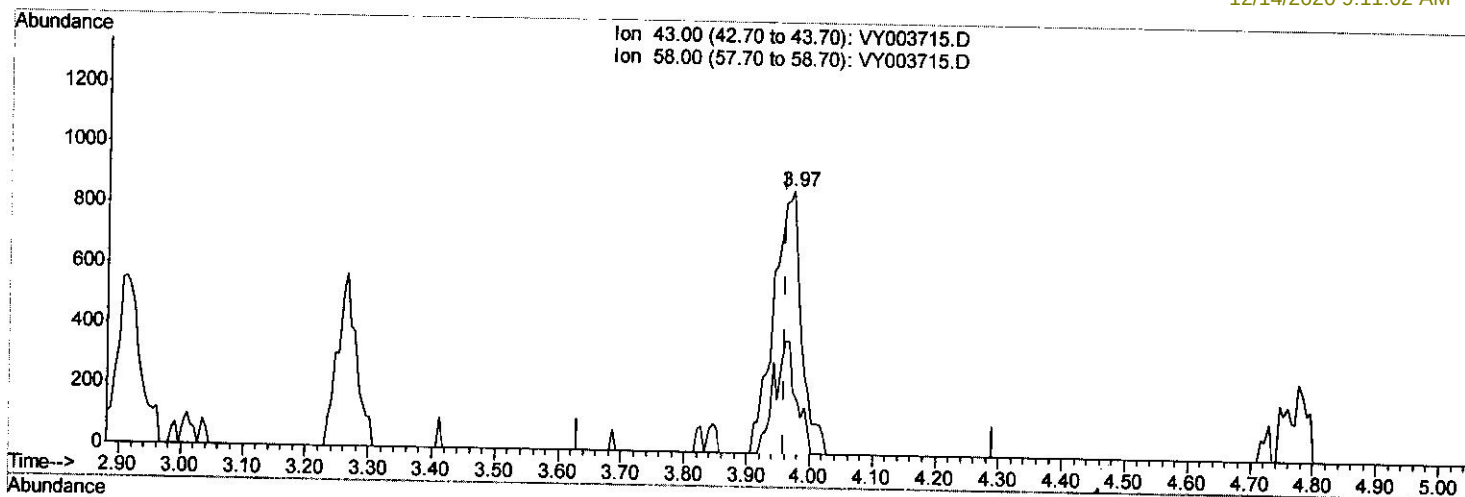
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(13) Acetone (T)

3.972min (+0.012) 3.32ug/L m

response 2651

Ion	Exp%	Act%
43.00	100	100
58.00	34.40	24.59
0.00	0.00	0.00
0.00	0.00	0.00

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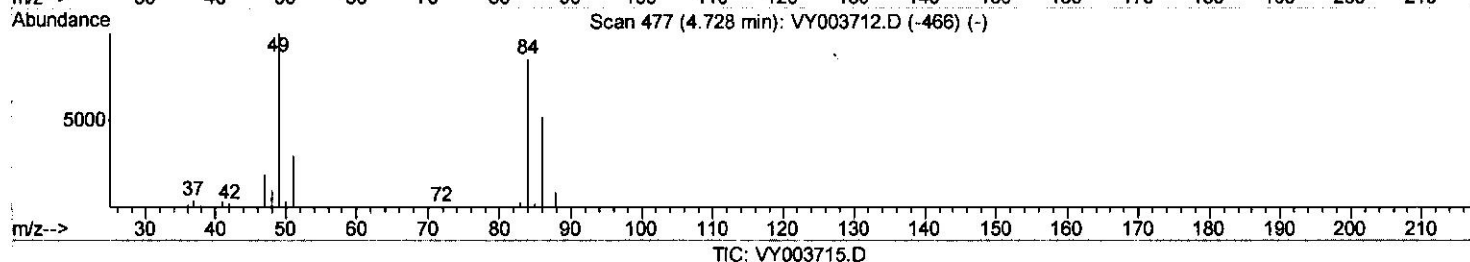
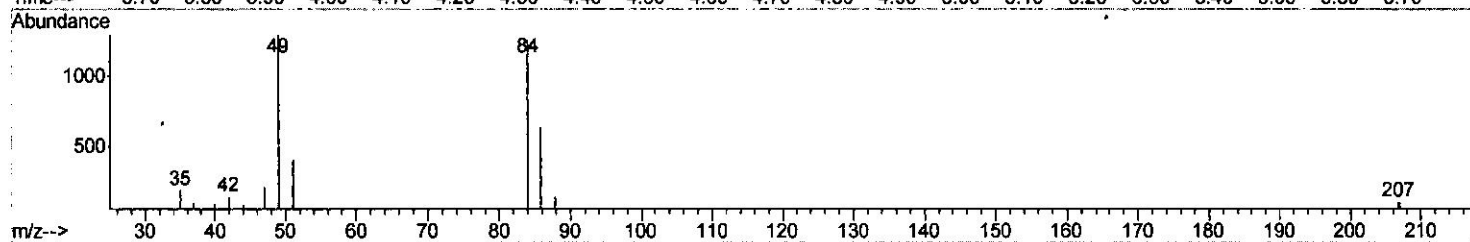
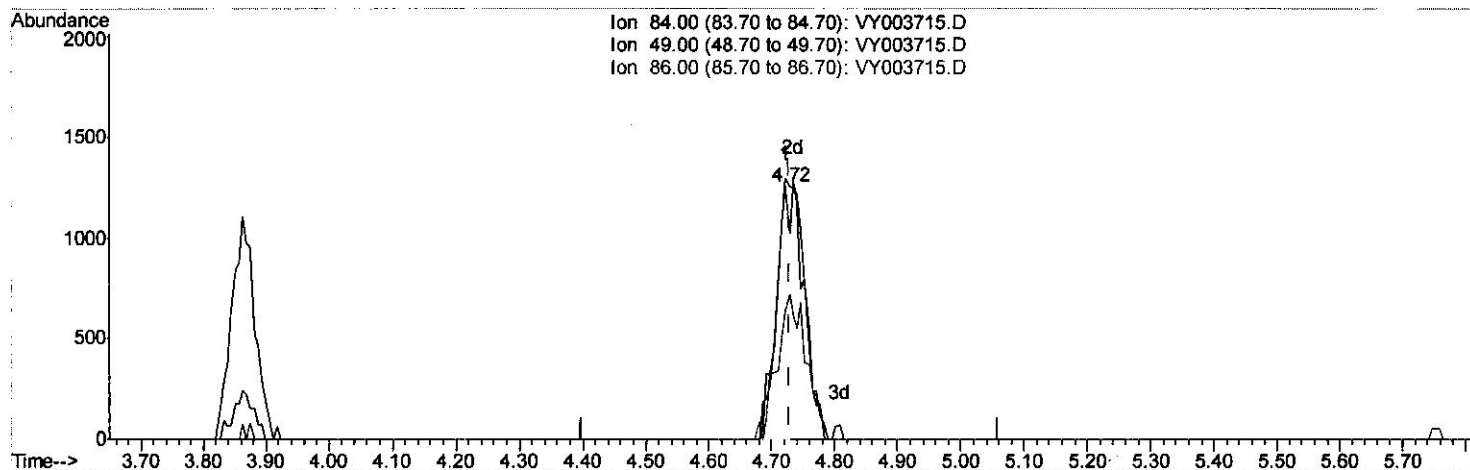
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(16) Methylene chloride (T)

4.722min (-0.006) 0.51ug/L

response 1931

Ion	Exp%	Act%
84.00	100	100
49.00	119.50	103.34
86.00	64.30	50.68
0.00	0.00	0.00

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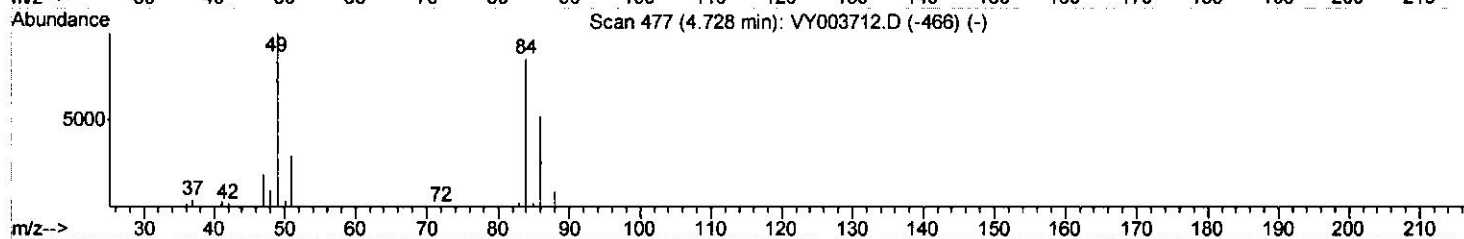
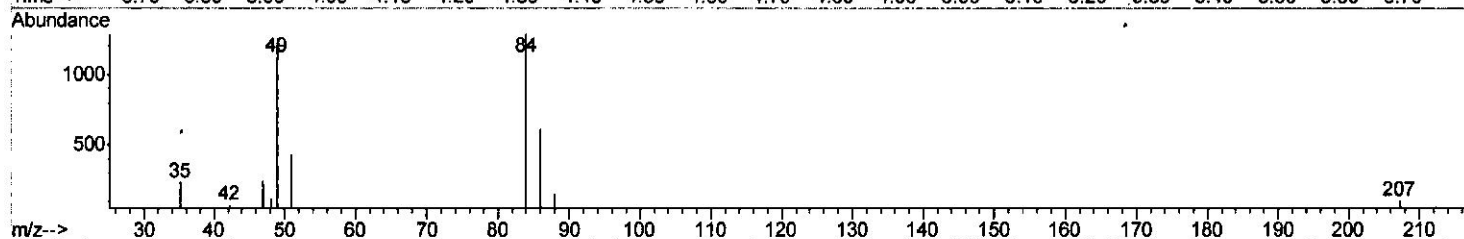
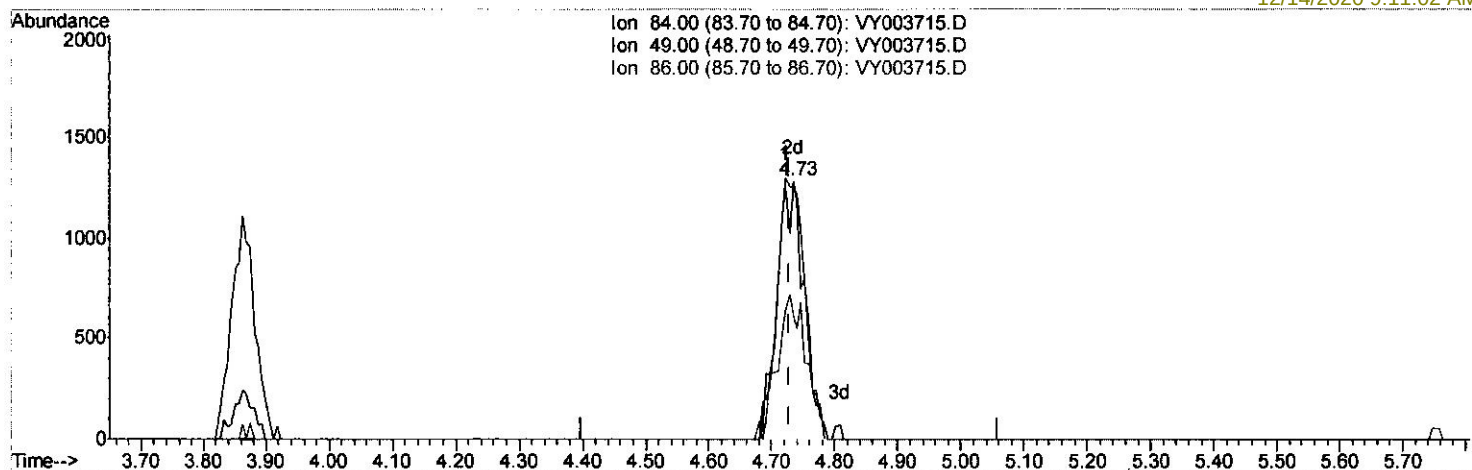
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12/14/2020 9:11:02 AM



TIC: VY003715.D

(16) Methylene chloride (T)

4.735min (+0.006) 0.99ug/L m

response 3769

m-d
12/14/20

Ion	Exp%	Act%
84.00	100	100
49.00	119.50	97.27
86.00	64.30	47.35
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.70	114	216127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	202952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	91576	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	58628	19.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.72%		
7) Chloroethane-d5	2.77	69	50693	21.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.96%		
10) 1,1-Dichloroethene-d2	3.86	63	90966	15.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	63.24%		
20) 2-Butanone-d5	6.90	46	34232	31.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.84%		
24) Chloroform-d	7.49	84	128863	23.17	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.68%		
26) 1,2-Dichloroethane-d4	8.15	65	66844	21.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.44%		
29) Benzene-d6	8.12	84	272270	23.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.68%		
33) 1,2-Dichloropropane-d6	9.12	67	81498	23.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.76%		
37) Toluene-d8	10.18	98	253320	24.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.20%		
38) trans-1,3-Dichloropropene-	10.44	79	35928	21.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.48%		
39) 2-Hexanone-d5	10.79	63	28791	33.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.10%		
48) 1,1,2,2-Tetrachloroethane-	12.56	84	61357	19.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.24%		
61) 1,2-Dichlorobenzene-d4	13.72	152	81814	24.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.36%		
Target Compounds						
13) Acetone	3.97	43	2651m	3.319	ug/L	
16) Methylene chloride	4.73	84	3769m	0.993	ug/L	
44) Toluene	10.25	91	3971	0.324	ug/L	93
47) Tetrachloroethene	10.72	164	51447	20.725	ug/L	98

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

m-d
 12/18/20