

Quantitation Report (QT Reviewed)

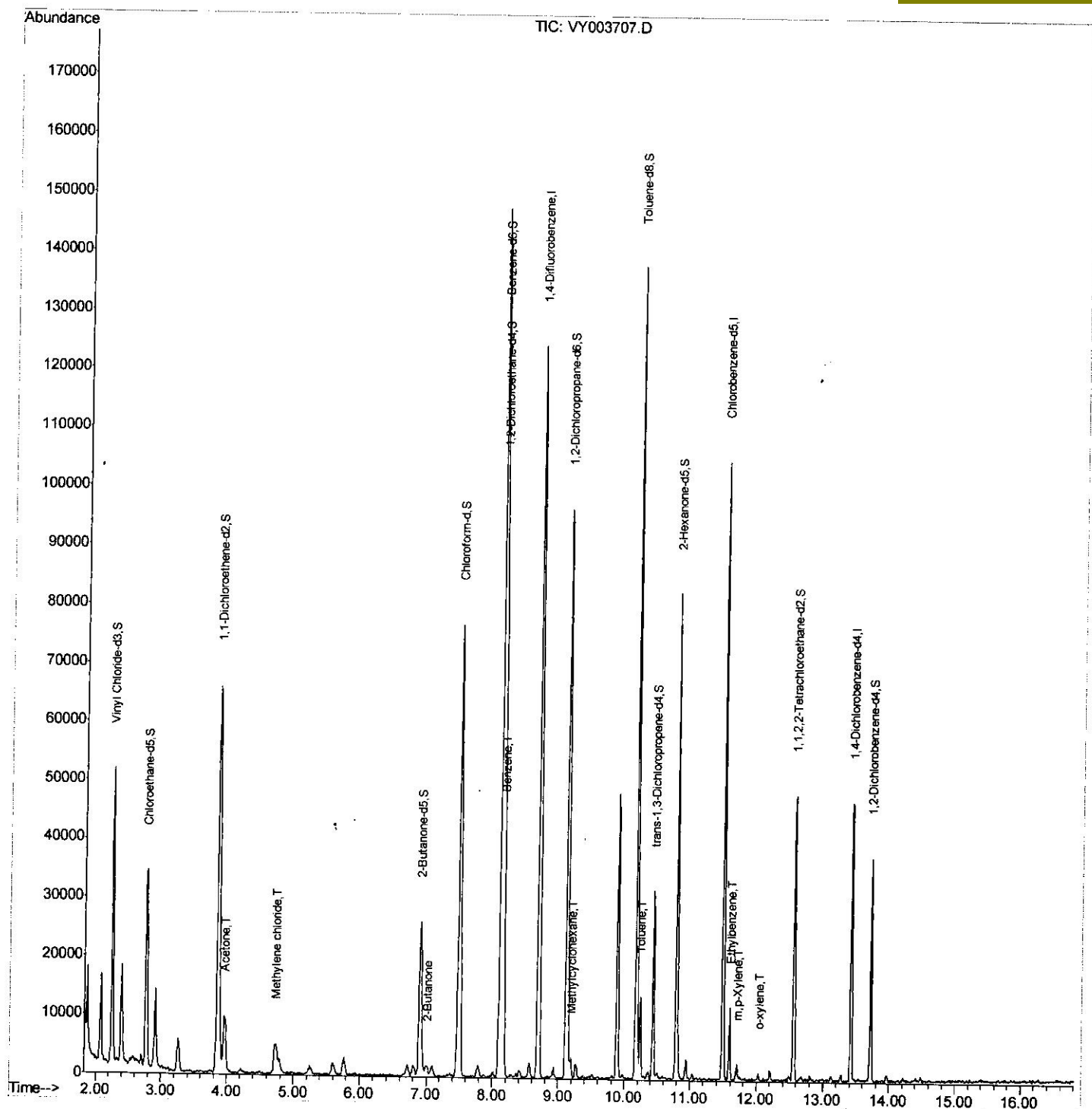
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003707.D
 Acq On : 09 Dec 2020 17:42
 Operator : SY/MD
 Sample : L4979-10
 Misc : 7.09G/10ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1G0

Quant Time: Dec 10 04:04:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 02:27:01 2020
 Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

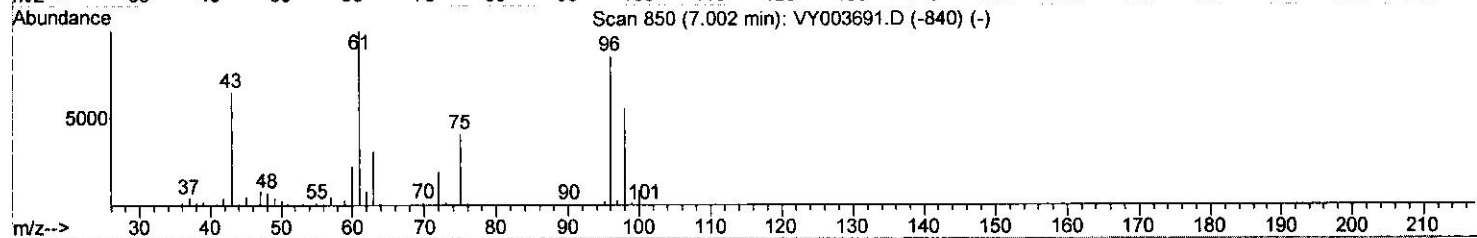
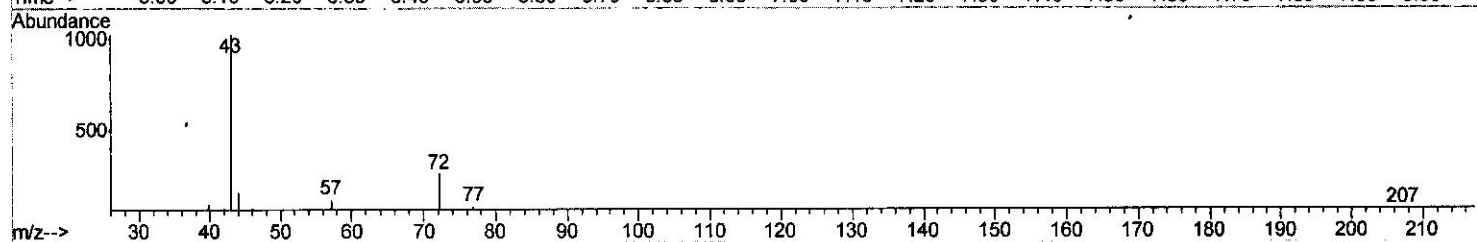
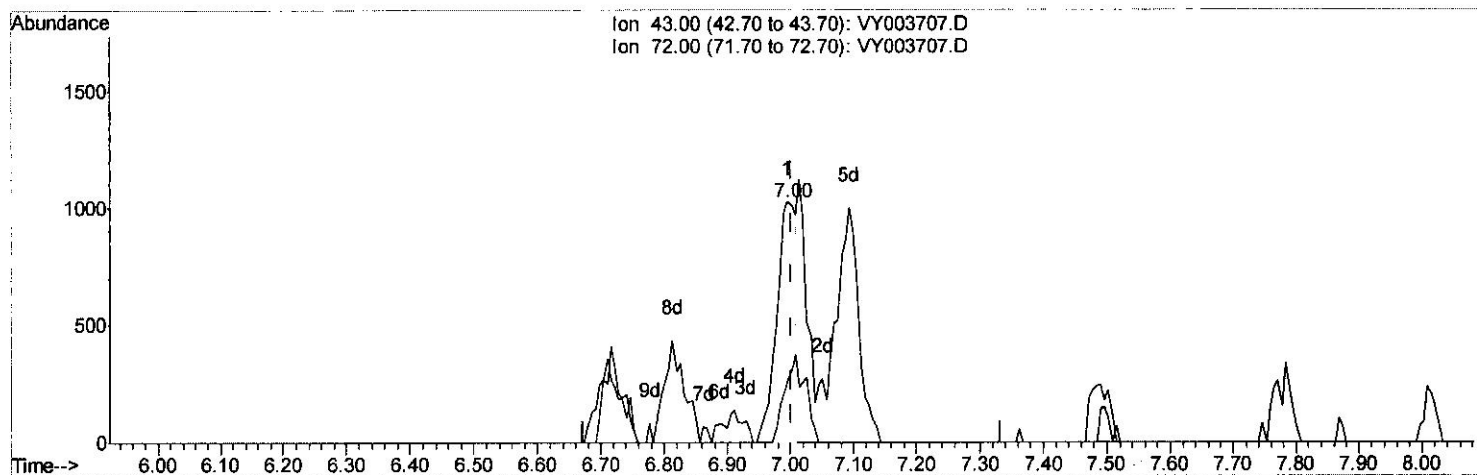
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TIC: VY003707.D

(21) 2-Butanone

6.996min (-0.006) 2.96ug/L

response 2150

Ion	Exp%	Act%
43.00	100	100
72.00	26.60	27.35
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

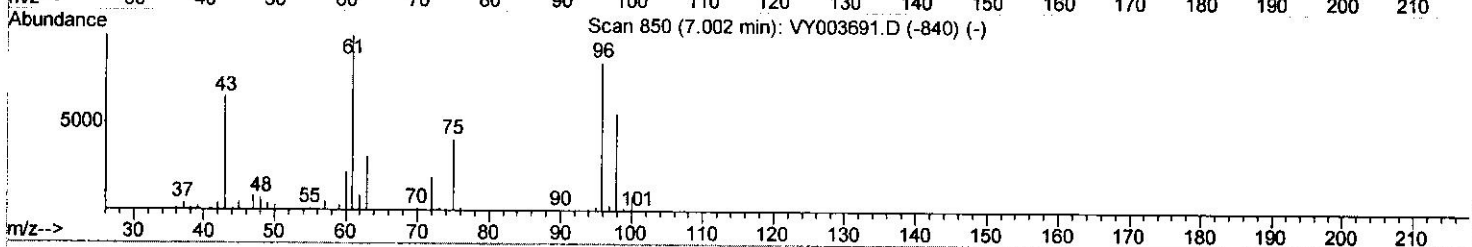
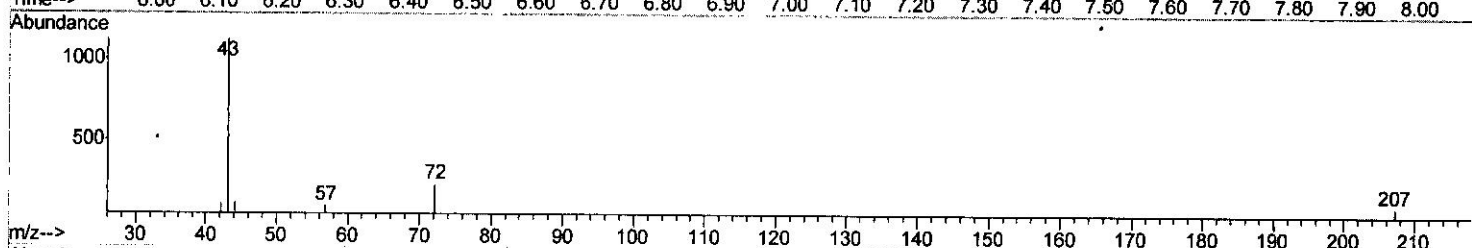
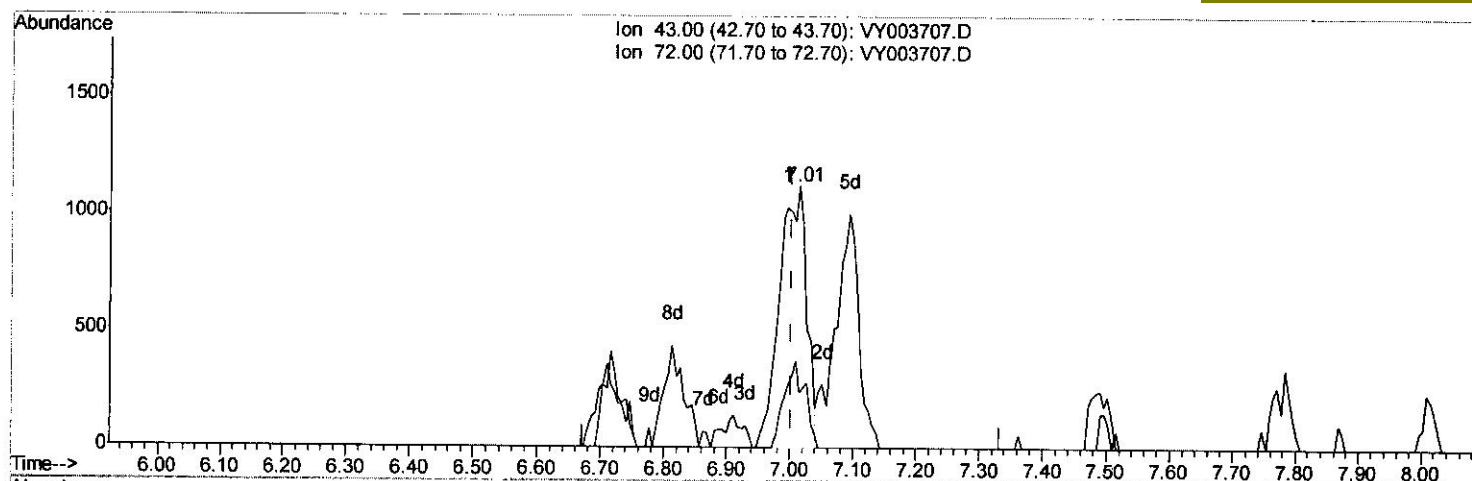
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TIC: VY003707.D

(21) 2-Butanone

7.015min (+0.013) 4.58ug/L m

response 3326

Ion	Exp%	Act%
43.00	100	100
72.00	26.60	17.68
0.00	0.00	0.00
0.00	0.00	0.00

54
 12/23/20

Quantitation Report (Qedit)

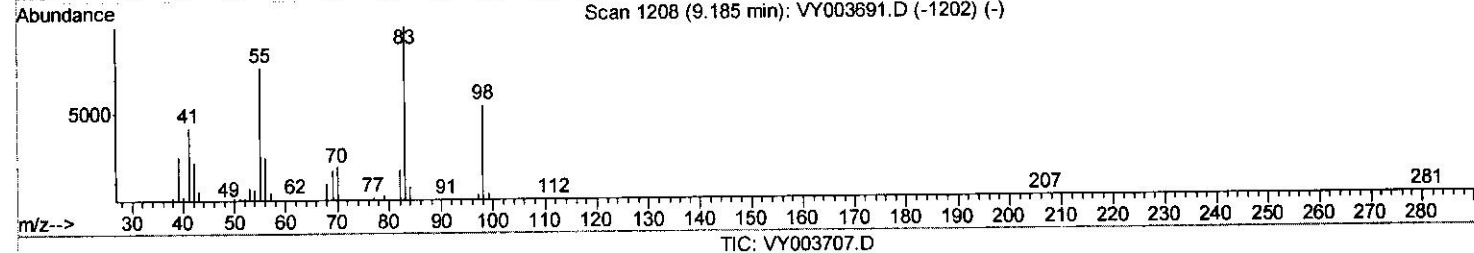
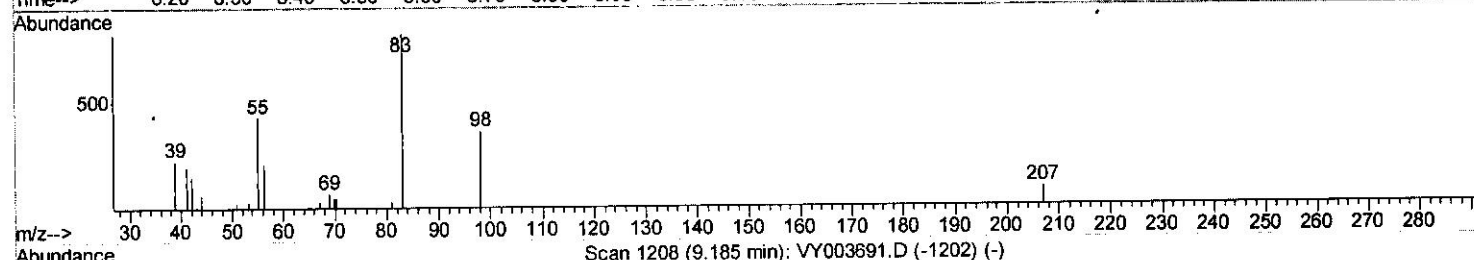
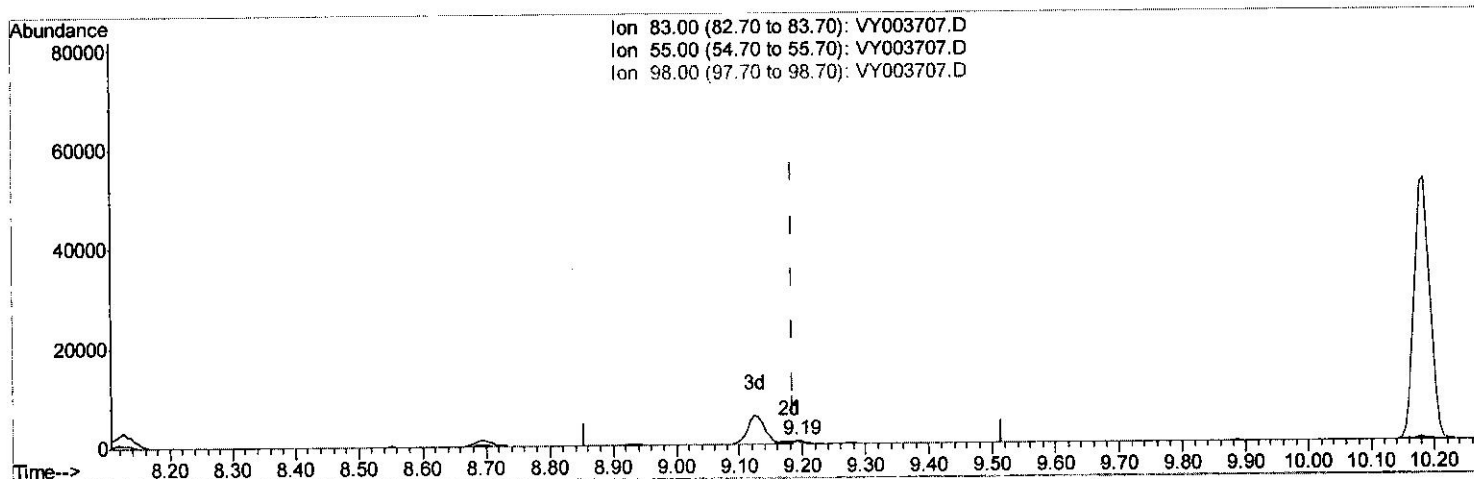
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(36) Methylcyclohexane (T)

9.191min (+0.007) 0.50ug/L

response 709

Ion	Exp%	Act%
83.00	100	100
55.00	70.50	153.74#
98.00	50.40	94.78#
0.00	0.00	0.00

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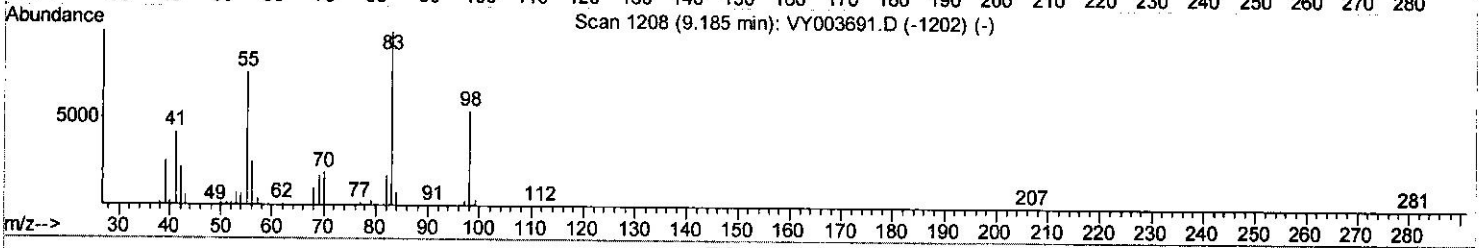
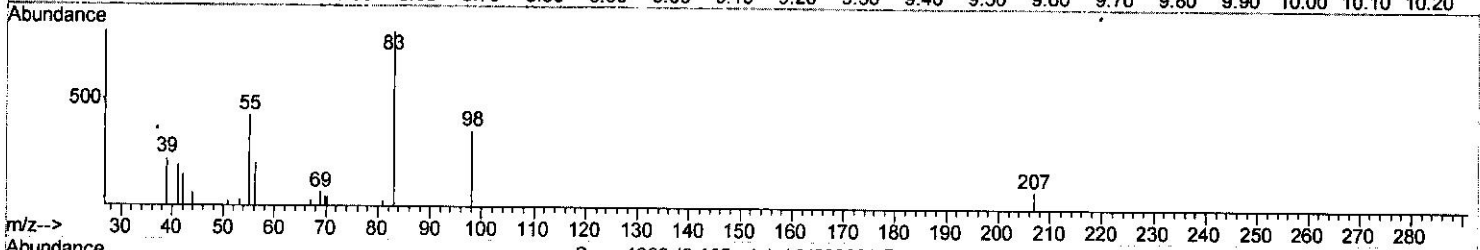
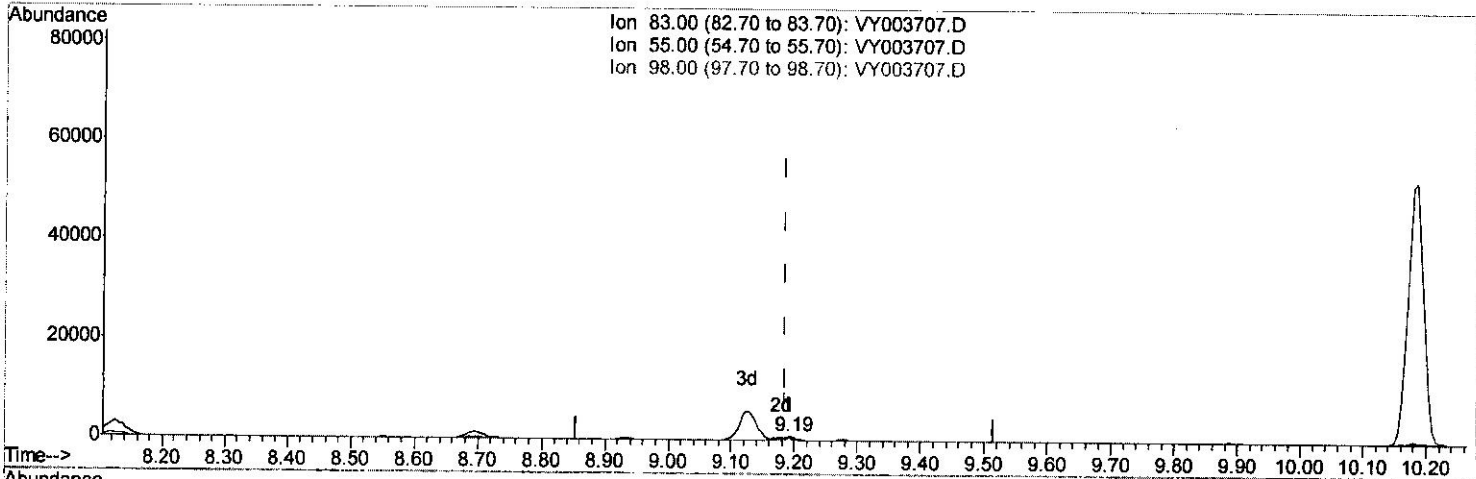
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TIC: VY003707.D

(36) Methylcyclohexane (T)

9.191min (+0.007) 0.91ug/L m *SY 12/23/20*

response 1307

Ion	Exp%	Act%
83.00	100	100
55.00	70.50	83.40
98.00	50.40	51.42
0.00	0.00	0.00

Quantitation Report (Qedit)

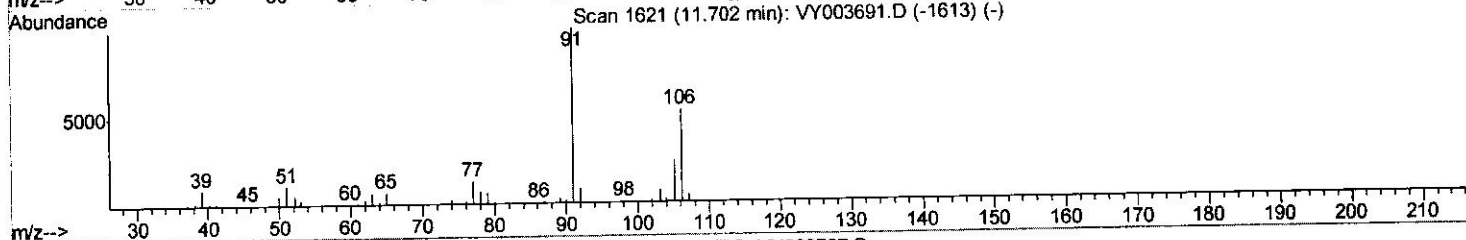
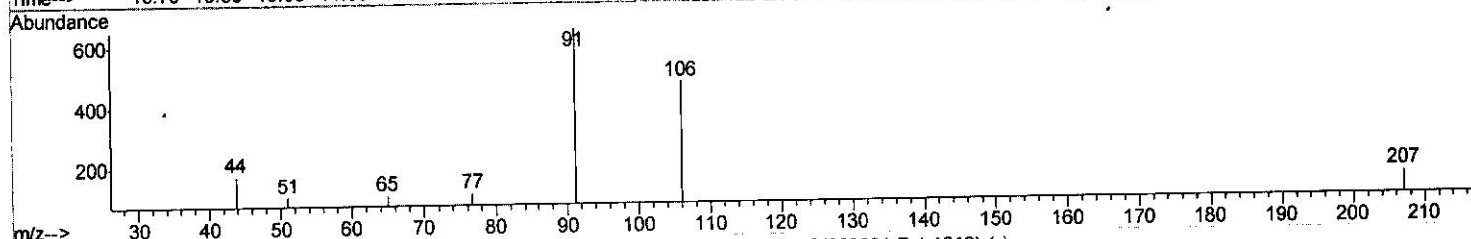
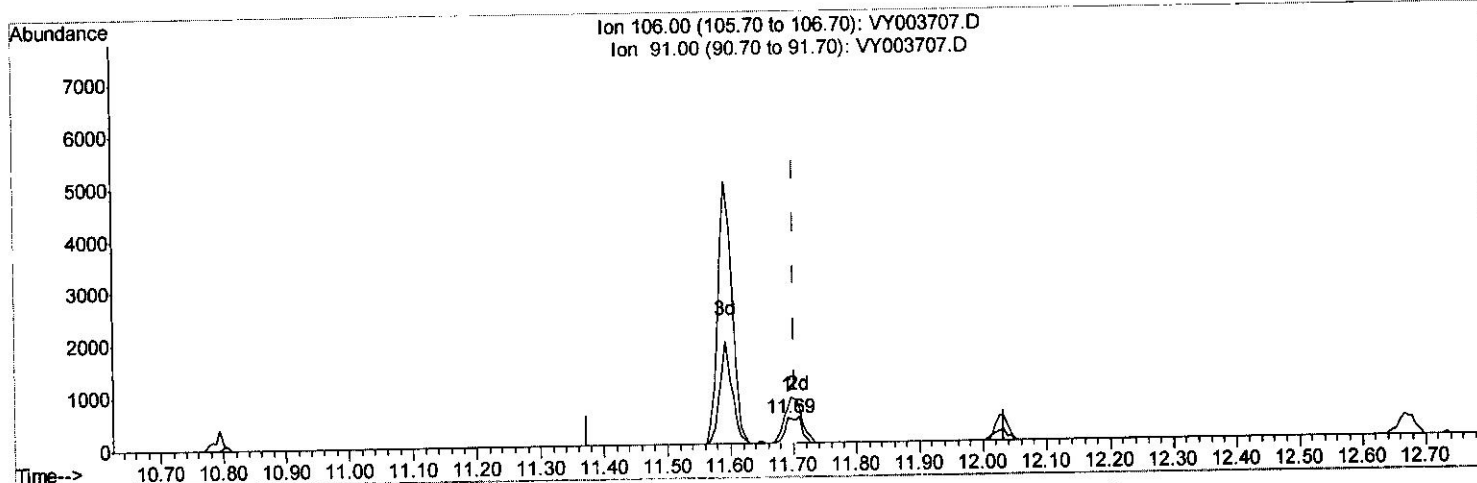
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TIC: VY003707.D

(54) m,p-Xylene (T)

11.691min (-0.012) 0.39ug/L

response 596

Ion	Exp%	Act%
106.00	100	100
91.00	187.60	137.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

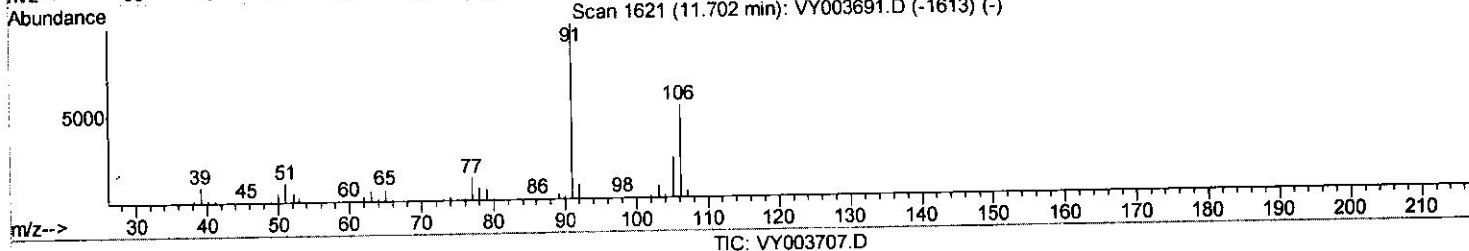
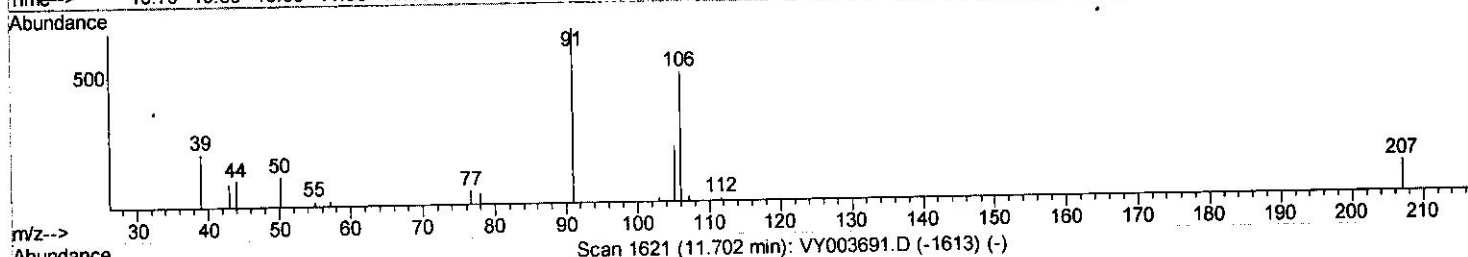
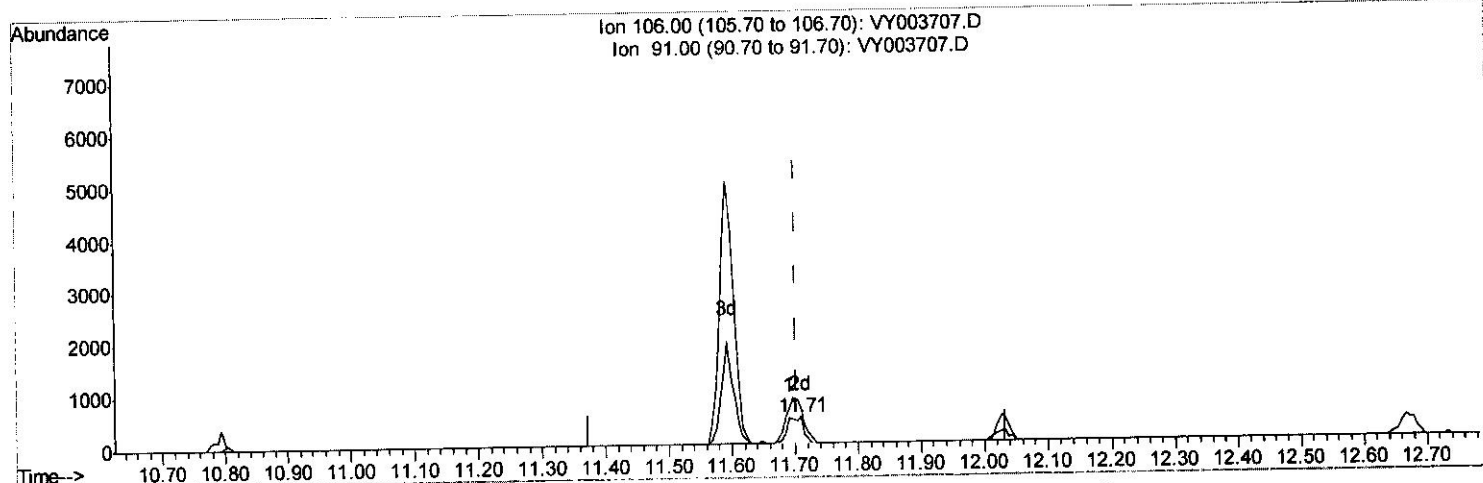
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Manual Integrations
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(54) m,p-Xylene (T)

11.709min (+0.007) 0.57ug/L m

response 866

Ion	Exp%	Act%
106.00	100	100
91.00	187.60	130.99#
0.00	0.00	0.00
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	111166	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	59440	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	12459	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	41490	26.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.56%		
7) Chloroethane-d5	2.77	69	35828	30.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	120.84%		
10) 1,1-Dichloroethene-d2	3.86	63	59142	19.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.96%		
20) 2-Butanone-d5	6.90	46	44525	79.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	158.90%#		
24) Chloroform-d	7.49	84	79620	27.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	111.32%		
26) 1,2-Dichloroethane-d4	8.15	65	50365	31.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	125.16%		
29) Benzene-d6	8.12	84	154693	44.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	179.80%#		
33) 1,2-Dichloropropane-d6	9.12	67	45282	44.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	177.88%#		
37) Toluene-d8	10.18	98	90699	29.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	117.60%		
38) trans-1,3-Dichloropropene-	10.44	79	16145	33.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	132.68%		
39) 2-Hexanone-d5	10.79	63	27257	106.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	213.68%#		
48) 1,1,2,2-Tetrachloroethane-	12.56	84	22729	25.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.20%		
61) 1,2-Dichlorobenzene-d4	13.72	152	10246	22.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.52%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.96	43	16165	39.347	ug/L	74
16) Methylene chloride	4.74	84	4001	2.050	ug/L #	71
21) 2-Butanone	7.01	43	3326m	4.585	ug/L	
34) Benzene	8.17	78	3364	0.989	ug/L	100
36) Methylcyclohexane	9.19	83	1307m	0.914	ug/L	
44) Toluene	10.25	91	10899	3.039	ug/L	91
53) Ethylbenzene	11.59	91	7695	1.966	ug/L	90
54) m,p-Xylene	11.71	106	866m	0.573	ug/L	
55) o-xylene	12.03	106	285	0.197	ug/L	85

SY
 12/23/20

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