Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120820\
Data File : VY003685.D
Acq On : 08 Dec 2020 19:00
Operator : SY/MD
Sample : L4979-03
Misc : 5.36G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 09 02:01:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:58:23 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
GB1F5

Manual Integrations APPROVED
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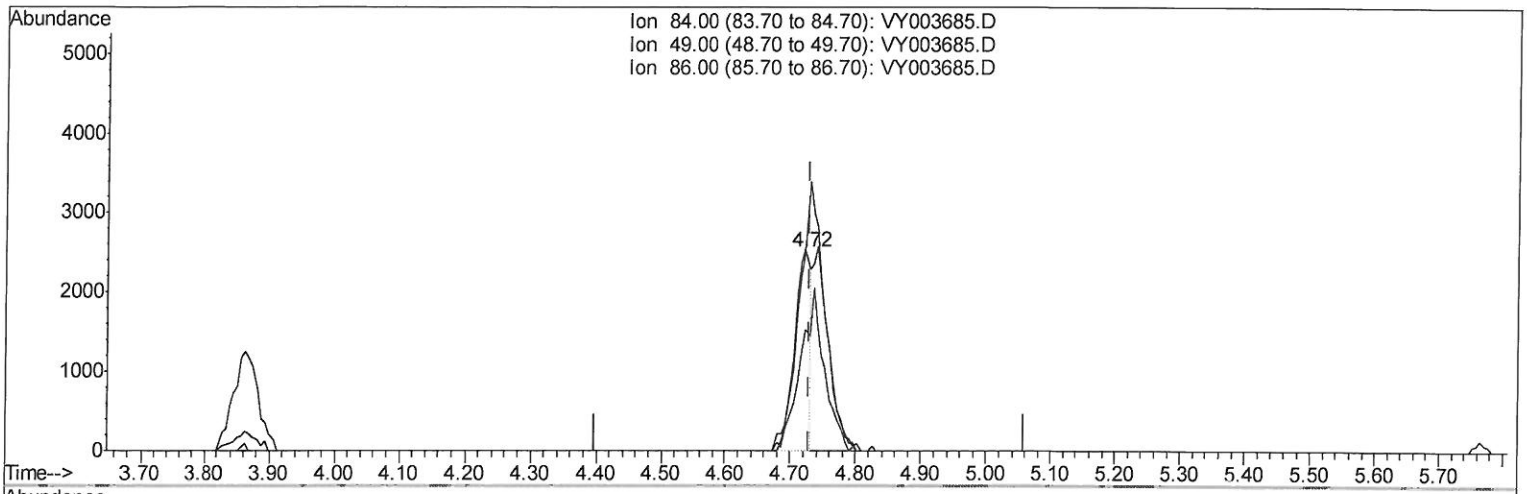
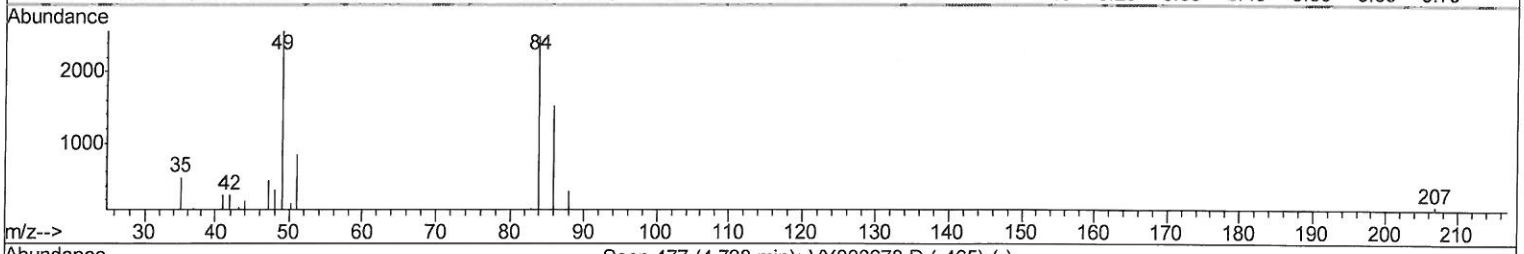
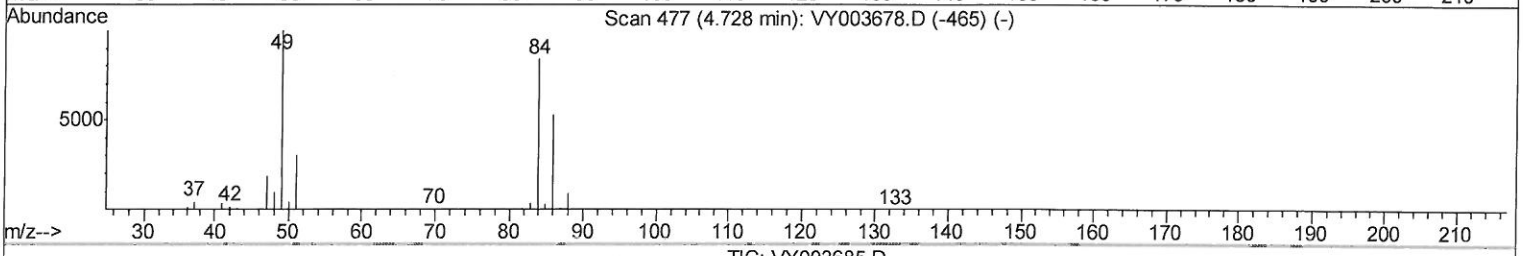
12/10/2020 9:59:34 AM







TIC: VY003685.D

(16) Methylene chloride (T)

4.722min (-0.006) 1.06ug/L

response 3968

Ion	Exp%	Act%
84.00	100	100
49.00	119.50	102.51
86.00	64.30	60.64
0.00	0.00	0.00

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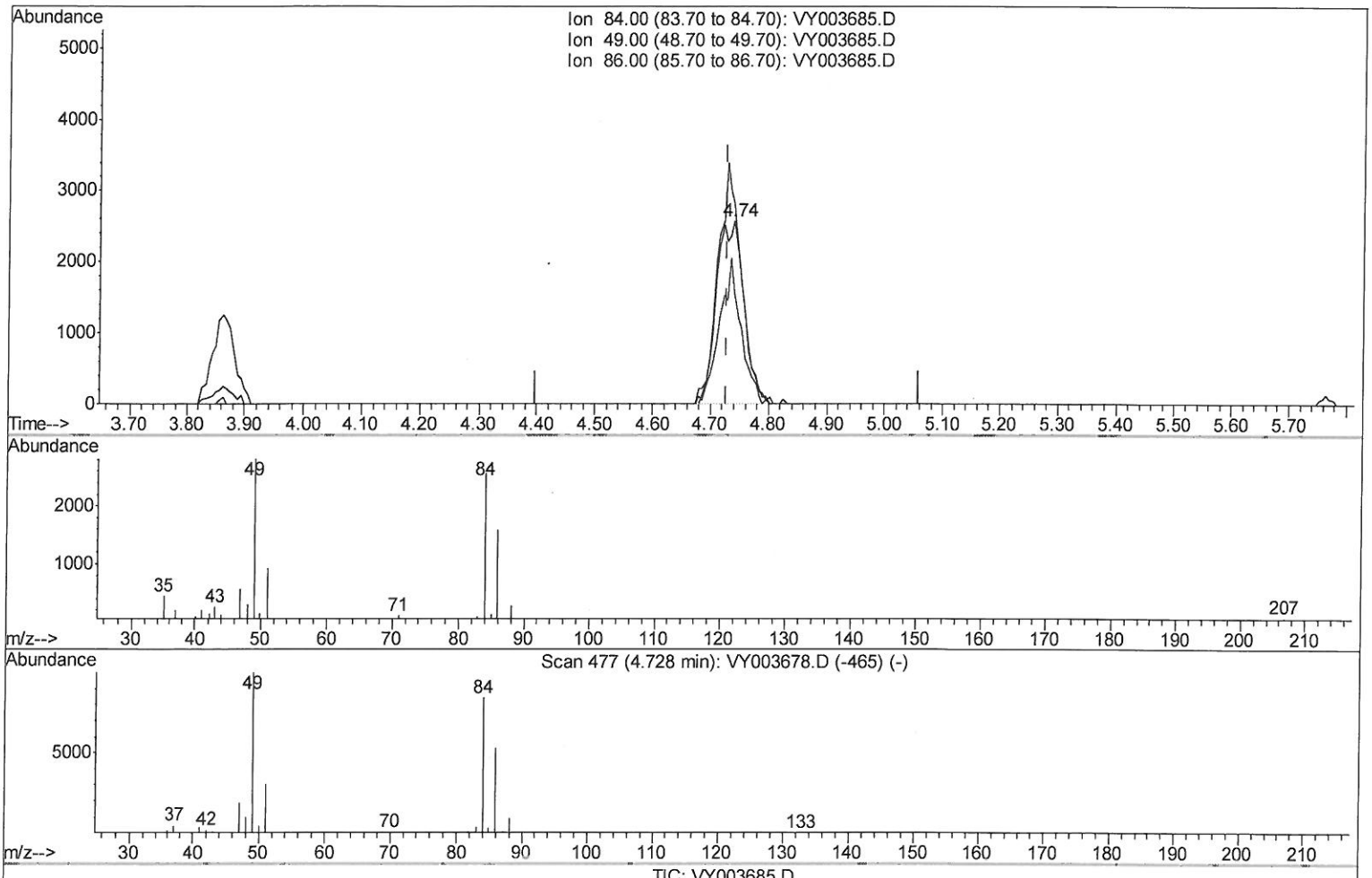

TIC: VY003685.D

(16) Methylene chloride (T)

4.741min (+0.012) 2.24ug/L m > 12/23/20 CP

response 8405

Ion	Exp%	Act%
84.00	100	100
49.00	119.50	109.36
86.00	64.30	61.42
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Dec 09 02:56:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:58:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	213661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	199044	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	93063	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	73090	24.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.76%			
7) Chloroethane-d5	2.77	69	57297	25.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.56%			
10) 1,1-Dichloroethene-d2	3.86	63	109014	19.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.68%			
20) 2-Butanone-d5	6.90	46	38016	35.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.58%			
24) Chloroform-d	7.49	84	135783	24.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	8.15	65	74554	24.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.40%			
29) Benzene-d6	8.12	84	297021	25.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.08%			
33) 1,2-Dichloropropane-d6	9.12	67	87310	25.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.40%			
37) Toluene-d8	10.18	98	268782	26.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.08%			
38) trans-1,3-Dichloropropene-	10.44	79	40818	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.16%			
39) 2-Hexanone-d5	10.79	63	32148	37.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.26%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	74744	24.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.40%			
61) 1,2-Dichlorobenzene-d4	13.72	152	91089	26.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.76%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	785	0.301	ug/L	93
13) Acetone	3.96	43	5565	7.048	ug/L	93
16) Methylene chloride	4.74	84	8405m	2.240	ug/L	93
21) 2-Butanone	7.00	43	1306	0.937	ug/L	93
34) Benzene	8.17	78	4558	0.400	ug/L	100
36) Methylcyclohexane	9.19	83	1610	0.336	ug/L	93
44) Toluene	10.25	91	21258	1.770	ug/L	97
53) Ethylbenzene	11.59	91	13208	1.008	ug/L	96
54) m,p-Xylene	11.70	106	1607	0.318	ug/L	96

12/23/2020

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

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