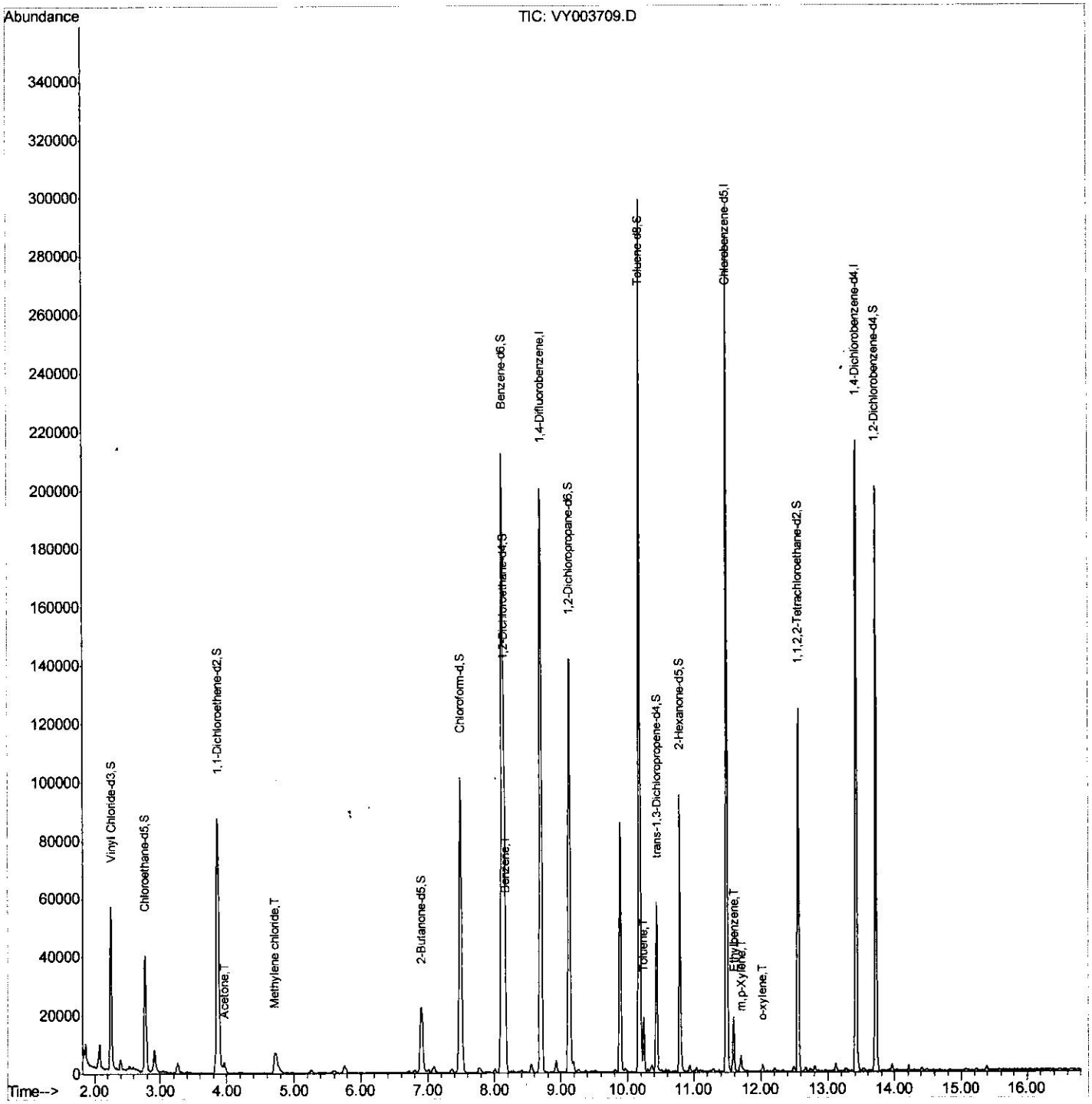
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003709.D
Acq On : 09 Dec 2020 18:28
Operator : SY/MD
Sample : L4979-12RE
Misc : 4.07G/10ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 10 04:12:03 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

Instrument :
MSVOA_Y
ClientSampleId :
GB1G2RE

Manual Integrations APPROVED
MMDadoda
12/11/2020 12:25:32 PM



Quantitation Report (Qedit)

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Operator : SY/MD
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Quant Time: Dec 10 02:31:14 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

Instrument :
MSVOA_Y
ClientSampleId :
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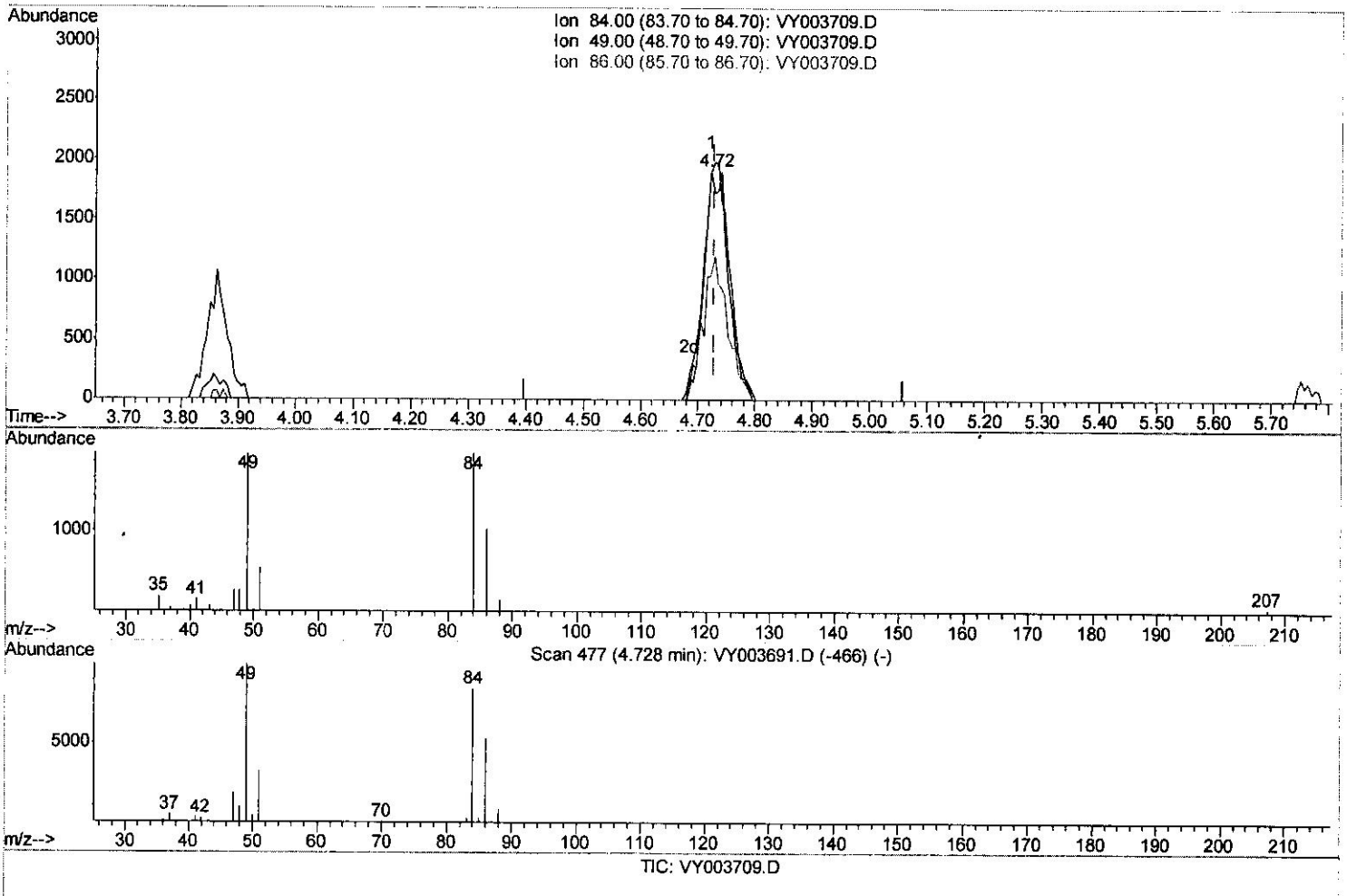
Manual Integrations APPROVED
MMDadoda
12/11/2020 12:25:32 PM



TIC: VY003709.D

(16) Methylene chloride (T)

4.722min (-0.006) 0.74ug/L

response 2318

Ion	Exp%	Act%
84.00	100	100
49.00	119.50	99.69
86.00	64.30	53.91
0.00	0.00	0.00

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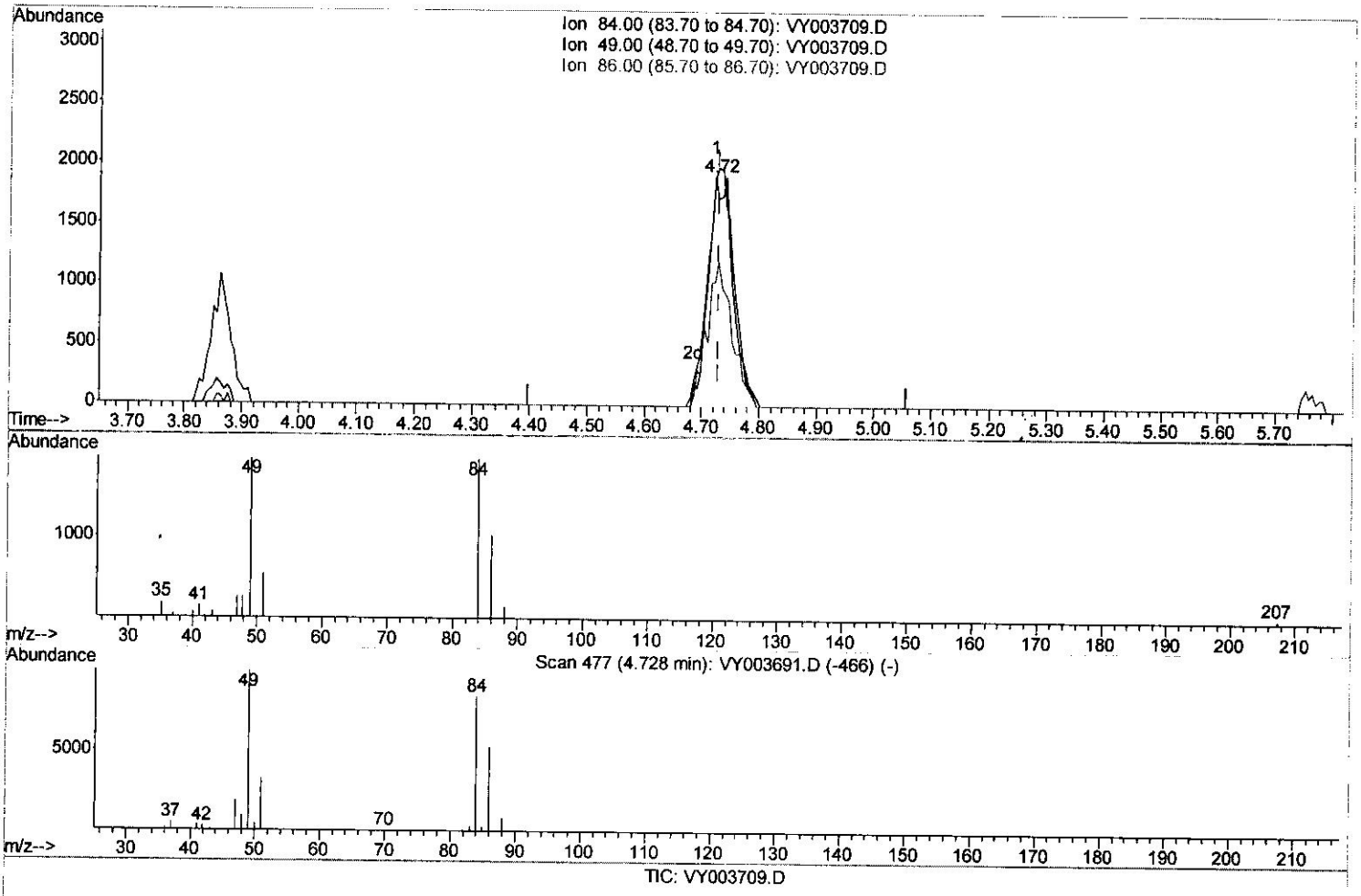
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
GB1G2RE

Manual Integrations APPROVED
MMDadoda
12/11/2020 12:25:32 PM



TIC: VY003709.D

(16) Methylene chloride (T)

4.722min (-0.006) 1.82ug/L m

response 5693

Ion	Exp%	Act%
84.00	100	100
49.00	119.50	99.69
86.00	64.30	53.91
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003709.D
Acq On : 09 Dec 2020 18:28
Operator : SY/MD
Sample : L4979-12RE
Misc : 4.07G/10ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GB1G2RE

Manual Integrations APPROVED
MMDadoda
12/11/2020 12:25:32 PM

Quant Time: Dec 10 04:12:03 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	177969	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	158294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	58068	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	48274	19.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.72%			
7) Chloroethane-d5	2.77	69	42183	22.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.88%			
10) 1,1-Dichloroethene-d2	3.86	63	78826	16.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.56%			
20) 2-Butanone-d5	6.90	46	38835	43.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.56%			
24) Chloroform-d	7.49	84	103825	22.67	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.68%			
26) 1,2-Dichloroethane-d4	8.15	65	58920	22.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.44%			
29) Benzene-d6	8.12	84	223687	24.41	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.64%			
33) 1,2-Dichloropropane-d6	9.12	67	68338	25.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.80%			
37) Toluene-d8	10.18	98	197874	24.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.36%			
38) trans-1,3-Dichloropropene-	10.44	79	30902	23.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.36%			
39) 2-Hexanone-d5	10.79	63	31993	47.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.18%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	56878	23.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.16%			
61) 1,2-Dichlorobenzene-d4	13.72	152	51566	24.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.76%			

Target Compounds					Qvalue
13) Acetone	3.96	43	5287	8.039 ug/L	94
16) Methylene chloride	4.72	84	5693m	1.822 ug/L	
34) Benzene	8.17	78	3648	0.403 ug/L	100
44) Toluene	10.25	91	13339	1.396 ug/L	97
53) Ethylbenzene	11.59	91	12574	1.206 ug/L	100
54) m,p-Xylene	11.70	106	1674	0.416 ug/L	99
55) o-xylene	12.03	106	761	0.197 ug/L #	43

SY 12/23/20

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